

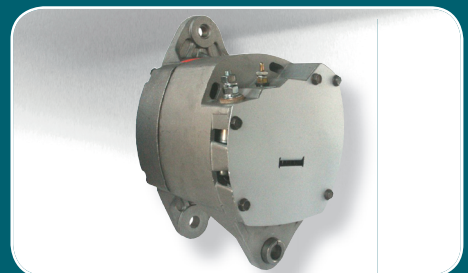
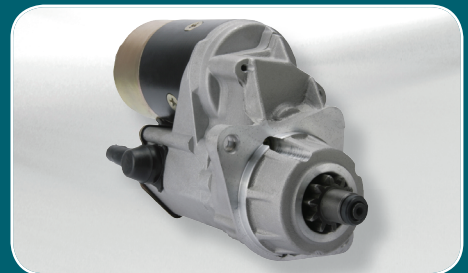
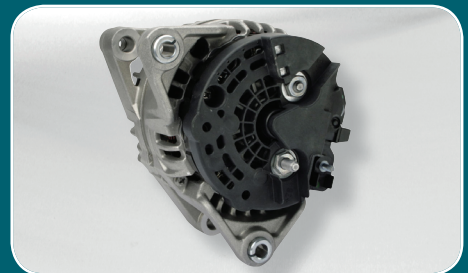
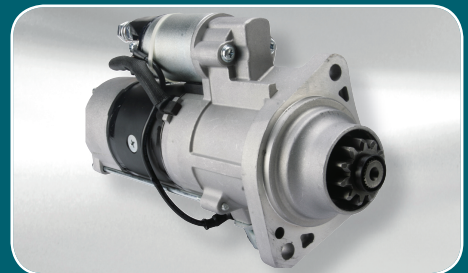
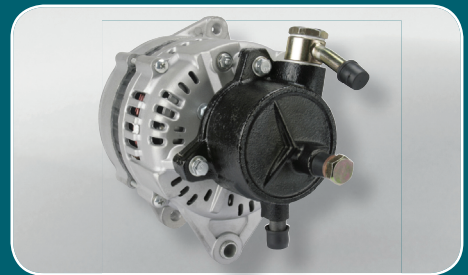


# ALTERNATORS & STARTERS

DC-MOTORS & DYNASTARTERS



2013/2014





For your nearest  
HC-CARGO dealer  
and full program  
overview visit  
[www.hc-cargo.com](http://www.hc-cargo.com)



This catalogue includes alternators, starters, D.C. motors and dynastarters.

The HC-CARGO program covers a wide range of units for passenger cars, light- and heavy Commercial vehicles, industrial, agricultural, marine, sport- and outdoor equipment applications. All units are sold outright.

The catalogue also includes complete cross reference and application lists.



”Becoming an HC-CARGO supplier is not that easy. They have to fulfil a long list of preconditions and need to be DIN EN ISO 9001 certified. Last but not least they have to convince me. Together with the quality department I visit our suppliers and test them intensively before they deliver the first products.”

**Martin, Purchasing Manager**





# ALTERNATORS & STARTERS

## DC-MOTORS & DYNASTARTERS

Edition 2013/2014





## Our Alternators and Starters - Your First Choice

Now, this catalogue contains more than 3,100 part numbers for all makes applications.

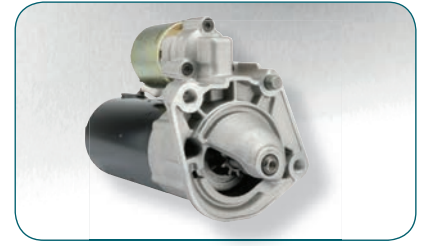
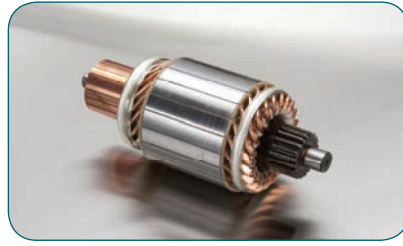
The HC-CARGO program covers a wide range of units for passenger cars, light- and heavy commercial vehicles, industrial, agricultural, marine, sport- and outdoor equipment applications. All units are sold outright.

This catalogue has been extended with more than 400 new part numbers compared to the previous catalogue, which brings the program coverage to a market leading position for outright units.

Predominantly, the program consists of new units, however in exceptional cases the units may be remanufactured.

Remanufactured units will not be supplied to countries where import of remanufactured units is not allowed.





## Our Spare Parts for Alternators and Starters - All You Need

In our alternator and starter components catalogues we offer a comprehensive range of spare parts. We cover virtually all you require to get your vehicle running.

You will find all you need in:

- Rotors
- Stators
- Regulators
- Rectifiers
- Brush Sets
- Pulleys
- Drives/Clutches
- Solenoids
- Armatures
- Etc.

Our engineers test the spare parts thoroughly in terms of best interaction, perfect fit and easy installation, before the products are sourced. In this way, we continuously ensure high quality.

## Our Product Range - Your Customer Satisfaction

Most spare part dealers offer only specialized programs. We have decided to have a broad product range to meet the demands of workshops in the best possible way. At HC-CARGO, you can get all products from a single source.

The HC-CARGO product range is broad in many ways. Firstly, it is broad in function as you will find all the electrical parts you need to repair vehicles. From spare parts for starters and alternators to the units themselves, A/C compressors, lighting products and many other auto-electrical spare parts.

Secondly, it is broad in applications. Whether for passenger cars, commercial vehicles, agricultural machinery or marine applications you will find the right product at HC-CARGO. The conventional workshop will find just as much as the big remanufacturer.

### Visit [hc-cargo.com](http://hc-cargo.com) for full program overview

You can easily find our complete and up-to-date spare parts program at our web-catalogue at:  
[www.hc-cargo.com](http://www.hc-cargo.com)

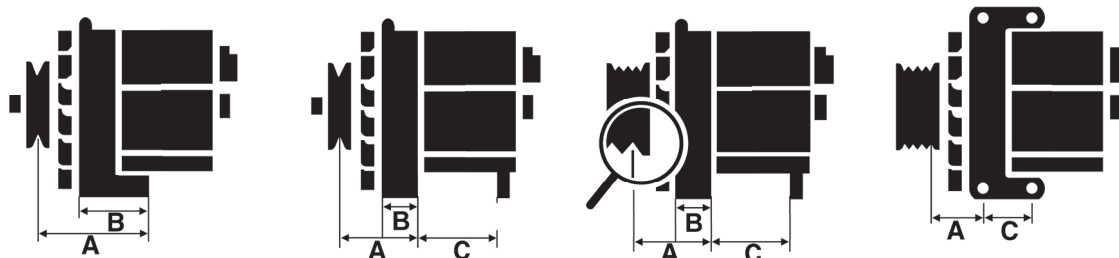
For full program overview visit  
[www.hc-cargo.com](http://www.hc-cargo.com)



REPLACEMENT FOR	PAGE
<b>ALTERNATORS</b>	
Bosch .....	8
Briggs & Stratton .....	50
Butec .....	51
Cav .....	54
Chrysler .....	56
Delco Remy ↪ see Remy (Delco)	
Denso .....	61
Ducellier .....	85
Elmot .....	88
Femsa .....	89
Ford .....	91
Hitachi .....	106
Iskra .....	119
Lada .....	140
Leece-neville .....	141
Lucas .....	142
Magneti Marelli .....	153
Magneton (pal/skoda) .....	165
Mandoe Malroe ↪ see Valeo	
Mitsubishi .....	169
Motorola .....	189
Motorola Usa .....	198
Nikko .....	202
Nippondenso ↪ see Denso	
Paris Rhone ↪ see Valeo	
Poong Sung .....	203
Prestolite .....	204
Remy (delco) .....	219
Romania (e/p) .....	240
Sawafuji .....	241
Sev .....	242
United Technologies .....	244
Valeo .....	245
Valeo Korea ↪ see Valeo	
Visteon .....	279
<b>GENERATORS</b> .....	282
<b>MISCELLANEOUS</b> .....	280
<b>STARTERS</b>	
Bosch .....	284
Briggs & Stratton .....	325
Butec .....	326
Cav .....	332

REPLACEMENT FOR	PAGE
<b>STARTERS</b>	
Chrysler .....	336
Delco Remy ↪ see Remy (Delco)	
Denso .....	340
Ducellier .....	366
Elmot .....	368
Femsa .....	372
Ford .....	374
Hattat Tarim .....	385
Hitachi .....	386
Iskra .....	397
Lada .....	414
Leece-neville .....	415
Lucas .....	416
Magneti Marelli .....	427
Magneton (pal/skoda) .....	437
Mandoe Malroe ↪ see Valeo	
Mitsuba .....	445
Mitsubishi .....	449
Motorola .....	468
Nikko .....	469
Nippondenso ↪ see Denso	
Paris Rhone ↪ see Valeo	
Poong Sung .....	474
Prestolite .....	475
Remy (delco) .....	489
Romania (e/p) .....	510
Sawafuji .....	511
Sjce .....	512
Tecumseh .....	513
United Technologies .....	514
Valeo Korea ↪ see Valeo	
Valeo .....	519
Visteon .....	535
<b>DC MOTORS</b> .....	538
<b>DYNASTARTERS</b> .....	541
<b>MISCELLANEOUS</b> .....	537
<b>TILT/TRIM MOTORS</b> .....	543
<b>APPLICATION LIST</b> .....	545
<b>CROSS REFERENCE LIST</b> .....	1091
<b>INDEX</b> .....	1325

A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance

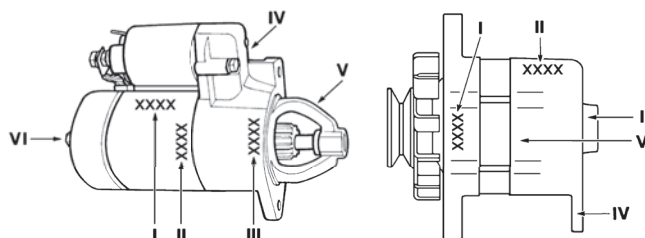
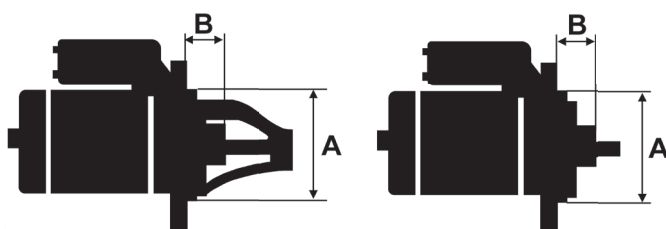


Remarks: Serpentine pulley



Threaded fixing holes

A: Mounting flange, B: Drive distance



O.E.M.	STARTER MOTORS		ALTERNATORS	
	Pos.	Example	Pos.	Example
Bosch (Bo)	II	0001 234 123	V	0120 489 789
Delco Remy (DR)	II	(3471) 152	I	(3472) 042
Denso (De)	I	028000-1971	II	021000-0327
Ducellier (Du)	II	6236, 534046	III	7586, 516023
Femsa (Fe)	II	MTA 12-40	III/IV/V	ALP 12-17
Hitachi (Hi)	III	S114-173B	I	LT 135-13
Iskra (Is)	II	AZE 3512-12V	V	AAK 1105
Lucas (Lu)	II	25061	II/III	23779
Magneti Marelli (MM)	IV/V	MT 68 AA, 63221403	II/III	AA125-14V-45A
Magneton (Mt)	II	02 8946.08	II	443 113 456
Mando Melroe (Md)			V	AB170035
Mitsubishi (Mi)	III/IV	MEA 12-1, M03T 25781	II/III	AQ 2240 K1
Motorola (Mo)			II/III	9AR 2518 F
Paris Rhone (PR)	II	D 11 E 176	II/III	A 13 N 104
SEV (SE)			II/III	34810, 712 71302
Valeo (Va)	II	433257 KO	V/III	A 13 N 38
Visteon (Vi)	I	20-100-01010		

## ALTERNATORS & STARTERS

TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho / Stator	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF/F1/F2	B-/D-	D+/61/L/61E	15		W	COM/DF DFM/FR LI/RC LIN	S	B+	
BUTEC	F	-	D+						B+	
CHRYSLER	F1/F2/FLD	GRD							B+	
REMY	F	GRD	D+/L/1	I/IG		P/R/W	F	M/S/2	B+	
DELPHI			L				DFM		B+	
DUCELLIER	EXC	-/B-	D+	+		W			B+	
ELMOT	67	31	15			W			B+	
FORD (VISTEON)	DF/F/FLD	D-/VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA/W		S	B+	
PAL/MAGNETON	M	-	R						B+	
VALEO	F	E	L/I	IG/R	N	P		S	B/A	D
MARELLI	67	31	15		C	W	FR/SIG LI/STD PHIN/RC		B+/30	
MITSUBISHI	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
DENSO	F/F1/F2	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
PARIS RHONE	EXC	-/B-	L			W			B+	
SEV MARCHAL	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+/61E	15/+		W	COM/FR DF/DFM LIN		B+'	

### ABBREVIATIONS:

ACR =Anti-clockwise rotation, AC=Air condition, ACPS= Air conditioning and auxiliary control, Amp.=Ampere, AT=Automatic transmission, AT6S=6 gears AT, AT7S=7 gears AT, ATAC= Automatic transmission and air conditioning, BS=Battery sense, Chas.=Chassis,

CR =Clockwise rotation, D=Insulated, DD=Direct drive, DF=DF plug, DKG= For vehicles with double clutch, DP=Double pulley, DSG= Direct gear, ECO=Ecomatic, EF=External fan, Eng.=Engine, Eur.=European application, FW=Free wheel pulley, GR=Gear reduction, HD=Heavy duty, HP=Horsepower, ID=Inner diameter, IF=Internal fan, IR=Internal regulator, kW=Kilowatt, LHD=Left hand drive, RC=Load response control, OD=Outer diameter, P=Pulley, PS=Power steering, RHD=Right hand drive, SP=Serpentine pulley, SP/FW=Serpentine/Free-wheel, 4SP=4 gears, 5SP=5 gears, 6SP=6 gears, V=Volt, VP=Vacuum pump, w/=with, w/o=without, W= RPM connection, 15=Connection for the auxiliary start, 30h=W/ additional terminal 30h, 3(2)=Number of fixing holes - Number in brackets represent threaded holes, =Number of teeth

( )=Vehicle type, [ ]=Engine type, ▲=Can be replaced if pulley is changed, #=Available while stock last, \*=Program development, A10=W/ immobilizer A11=W/o Choke, A12=Catalyst, A13=Cold climate, A14=W/ computer, A15=DK,IS,N,S,SF, A16=CH,DK,N,S, A17=For cooling-water heating, A18=Direct automatic transmission, A19=W/ electrical heating system, A20=Additionally mounted, A21=W/ glowplug heating, A22=Heated windscreen, A23=Heated windscreen + Air condition, A24=Tiptronic, A25=W/ start / stop, A26=Charging lamp, A27=Connection L, A28=Connection L + Ign., A29=Specially sealed, A30=Volt-meter, A31=W/ heat cap, A32=Automatic Transmission and Cold Climate, A33=Taxi, A34=Manual and automatic Transmission, A35=Water cooled, A36=W/ bendixhousing, A37=W/o bendixhousing, A38=Manual air conditioning, A39=Automatic air conditioning, A40=Starter-Alternator, A41=Sequential manual transmission, A42=Tropical climate, A43=Manual transmission, A44=Automatic transmission and start / stop system, BO=Bosch type, DR=Delco Remy type, HI=Hitachi type, IS=Iskra type, LM=Small starter edition, LU=Lucas type, MA=Marelli type, MAG=Magnetton type, MI=Mitsubishi type, MS=Mitsuba type, ND=Nippondenso type, PL=Prestolite type, PR=Paris Rhone type, SM=Large starter edition, VA=Valeo type

Care is taken to ensure the accuracy of descriptions and applications of each item, but assumes no responsibility for possible errors.  
O.E.M. names and numbers are used for reference purposes only.  
Printed in Germany. Copyright © 2013 Holger Christiansen A/S, A Bosch Group Company

ISO 9001  
BUREAU VERITAS  
Certification







# Alternators

Edition 2013/2014





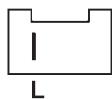
**110043** Alternator 28 V, 45 Amp.

Replacing: 9120144119, 9120144118, 9120144114, 9120144111, 9120144105, 0120489702, 0120489192

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



**110048** Alternator 14 V, 35 Amp.

Replacing: 0120400618

Servicing: Farymann, Renault, Volvo Penta

B+ M6, Insulated return, Pulley w/o, Fan EF

B: 51.00 mm



**110077** Alternator 14 V, 50 Amp.

Replacing: 0120339525, 0120339524, 0120300560, 0120300531, 0120300530

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm



**110105** Alternator 14 V, 55 Amp.

Replacing: 0120489704, 0120489703, 0120488290, 0120488267, 0120488218, 0120300545, 0120300535, 0120300516

Servicing: John Deere

B+ M5, Grooves 1, Pulley P, Fan EF

A: 83.30 B: 56.00 mm



**110112** Alternator 28 V, 40 Amp.

Replacing: 9129080088, 9120080114, 9120080088, 0120489643

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm



**110113** Alternator 28 V, 27 Amp.

Replacing: 0120489728, 0120489727, 0120489284, 0120489231, 0120489225, 0120489221, 0120400774

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm



**110116** Alternator 28 V, 35 Amp.

Replacing: 0120489827, 0120489684, 0120489230, 0120489053, 0120488289, 0120488273, 0120488208, 0120400796

Servicing: DAF, Ford, MAN

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



**110117** Alternator 28 V, 40 Amp.

Replacing: 0120489731

Servicing: Iveco, Magirus-Deutz, Steyr

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm



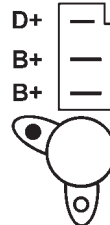
**110127** Alternator 14 V, 70 Amp.

Replacing: 0120489779, 0120400778, 0120400708

Servicing: Farymann, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 79.00 B: 51.00 mm



**110178** Alternator 14 V, 36 Amp.

Replacing: 9120331913, 9120331901, 9120331502, 0120389503, 0120389502, 0120339510, 0120339509, 0120339506

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm



**110318** Alternator 14 V, 50 Amp.

Replacing: 9120690078

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 14.00 C: 55.00 mm



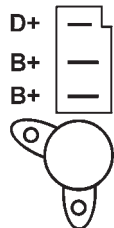
**110348** Alternator 14 V, 55 Amp.

Replacing: 9120331882, 0120488280

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 19.60 C: 63.00 mm


**110357** Alternator 14 V, 55 Amp.

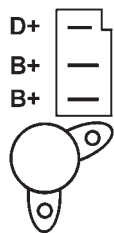
Replacing: 0120489831, 0120489821, 0120489820, 0120489771, 0120489622, 0120489600, 0120489520, 0120489011

Servicing: Alfa Romeo, American Motors, Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

Fan: Cargo 133875.

B: 56.00 mm

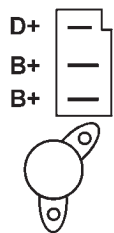

**110358** Alternator 14 V, 55 Amp.

Replacing: 9120144270, 9120144269, 0120489933, 0120489918, 0120489917, 0120489828, 0120489683, 0120489556

Servicing: Mercedes-Benz, Seat

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 77.50 B: 56.00 mm


**110360** Alternator 14 V, 45 Amp.

Replacing: 9120080139, 9120080120, 9120080089, 9120080056, 0120489965, 0120489964, 0120489961, 0120489960

Servicing: Audi, Deutz-Fahr, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm


**110371** Alternator 14 V, 65 Amp.

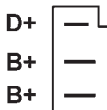
Replacing: 9127041242, 9127041241, 9127041233

Servicing: Carrier Transcold, Kubota

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

w/ mounting kit.

B: 27.00 mm


**110497** Alternator 14 V, 70 Amp.

Replacing: 9120690170

Servicing: Austin-Healey

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

w/ mounting bearing bracket for left and right engine side.

A: 41.50 B: 10.50 C: 84.00 mm


**110612** Alternator 14 V, 43 Amp.

Replacing: 0120489739, 0120489738, 0120489127

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.45 B: 23.15 C: 73.00 mm


**110618** Alternator 14 V, 50 Amp.

Replacing: 0120335006

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 56.00 mm


**110619** Alternator 14 V, 70 Amp.

Replacing: 0120335007

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 57.10 mm

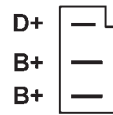

**110641** Alternator 14 V, 33 Amp.

Replacing: 0120339552, 0120339531, 0120339514, 0120300514

Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde

B+ M6, Grooves 1, Pulley P, Fan EF

A: 76.30 B: 56.00 mm

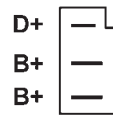

**110726#** Alternator 14 V, 35 Amp.

Replacing: 0120489699, 0120489698, 0120489678, 0120489546, 0120489532, 0120489519, 0120489501, 0120489500

Servicing: Audi, DAF, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm


**110730** Alternator 14 V, 35 Amp.

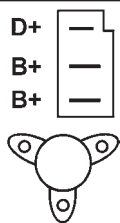
Replacing: 0120489623, 0120489548, 0120489547, 0120400857, 0120400856

Servicing: Mercedes-Benz

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 76.50 B: 56.00 mm





**110735** Alternator 14 V, 55 Amp.

Replacing: 0120400723, 0120400722

Servicing: Lamborghini, Mercedes-Benz  
B+ 9.40, Grooves 2, Pulley DP, Fan EF  
Regulator: Cargo 130675.

A: 77.00 B: 56.00 mm



**110743** Alternator 14 V, 30 Amp.

Replacing: 9120331301

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130679.

A: 61.00 B: 40.00 mm



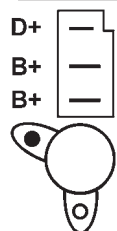
**110751** Alternator 14 V, 35 Amp.

Replacing: 9120080183, 9120080148,  
0120489724, 0120489723

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 80.00 mm



**110759** Alternator 14 V, 35 Amp.

Replacing: 0120489940, 0120489894,  
0120489804, 0120489803, 0120489616,  
0120489562, 0120489561, 0120489536

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm



**110761** Alternator 28 V, 35 Amp.

Replacing: 0120489944, 0120488271

Servicing: Deutz-Fahr, MAN

B+ M6, Terminal W, Pulley w/o,  
Fan w/o

Fan: Cargo 133875.

B: 80.00 mm



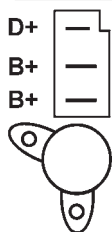
**110766** Alternator 28 V, 27 Amp.

Replacing: 0120489730, 0120489707,  
0120489023, 0120488224, 0120400805,  
0120400791, 0120400790, 0120400760

Servicing: Atlas Copco, Case, Deutz-Fahr,  
Iveco, KHD, Liebherr, Magirus-Deutz,  
Mercedes-Benz, Steyr

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm



**110767** Alternator 14 V, 45 Amp.

Replacing: 0120489967, 0120489966

Servicing: Audi, VW

B+ 9.40, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 109.00 B: 56.00 mm



**110801** Alternator 28 V, 45 Amp.

Replacing: 0122469003, 0122469001

Servicing: Atlas Copco, Case, Caterpillar,  
Cummins, Fiat-Allis, International

B+ 1/4« UNF, Terminal W, Pulley w/o,  
Fan EF

B: 14.80 C: 100.00 mm



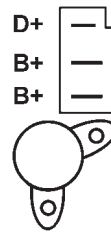
**110803<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 9120061100

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 23.80 B: 12.80 C: 55.00 mm



**110875** Alternator 14 V, 65 Amp.

Replacing: 0120489936, 0120489935,  
0120489751, 0120489750, 0120489749,  
0120489748, 0120489243, 0120489242

Servicing: Ferrari, Fiat, Lancia, Mercedes-Benz,  
Zetor

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 77.25 B: 56.00 mm



**110876<sup>#</sup>** Alternator 14 V, 65 Amp.

Replacing: 0120489718, 0120489717,  
0120489040, 0120489031, 0120489030

Servicing: BMW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 75.85 B: 56.10 mm



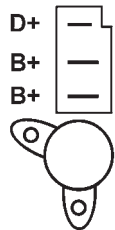
**110877** Alternator 14 V, 65 Amp.

Replacing: 0120489648, 0120489647,  
0120489646, 0120489645, 0120489644,  
0120489619, 0120489618, 0120489608

Servicing: BMW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 74.45 B: 51.00 mm


**110880** Alternator 14 V, 45 Amp.

Replacing: 0120489912, 0120489911, 0120489798, 0120489797, 0120489720, 0120489719, 0120489043

Servicing: Alfa Romeo

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**110881** Alternator 14 V, 55 Amp.

Replacing: 0120489309, 0120489296, 0120489286, 0120489183, 0120489070, 0120489069, 0120488258, 0120488257

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

B+ M6, Terminal W, Grooves 2, Pulley P, Fan EF

A: 88.00 B: 56.00 mm

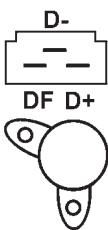

**110882** Alternator 14 V, 45 Amp.

Replacing: 0120489765, 0120489762, 0120489761, 0120489145, 0120489106

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Pulley w/o, Fan w/o

B: 16.25 C: 63.00 mm


**110887** Alternator 14 V, 45 Amp.

Replacing: 0120400848, 0120400847, 0120400787, 0120400786, 0120400768, 0120400767

Servicing: Alfa Romeo, Renault

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130675.

A: 51.20 B: 27.00 mm


**110890** Alternator 14 V, 55 Amp.

Replacing: 9120331881, 0120489838, 0120489770, 0120489763, 0120489151, 0120489147, 0120489146, 0120489134

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Pulley w/o, Fan w/o

B: 17.00 C: 63.00 mm


**110891** Alternator 14 V, 70 Amp.

Replacing: 0120489984, 0120489408, 0120489347, 0120489346, 0120488286, 0120488228, 0120488211

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.30 C: 83.00 mm


**110895** Alternator 28 V, 55 Amp.

Replacing: 6033GB3055, 6033GB3053, 6033GB3047, 0120469982, 0120469686, 0120469518, 0120469509, 0120469103

Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm


**110896<sup>#</sup>** Alternator 14 V, 55 Amp.

Replacing: 0120489428

Servicing: Mercedes-Benz, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 77.85 B: 56.00 mm


**110899** Alternator 14 V, 33 Amp.

Replacing: 0120300569, 0120300568, 0120300559, 0120300558, 0120300529, 0120300528

Servicing: Agrifull, DAF, Fiat, Volvo

B+ Plug, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130675.

A: 48.45 B: 24.00 C: 74.00 mm


**110902** Alternator 14 V, 45 Amp.

Replacing: B120402702, 0120489377, 0120489376, 0120489372

Servicing: VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 99.00 B: 56.00 mm



**110906** Alternator 28 V, 30 Amp.

Replacing: 0120489316  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B: 80.00 mm



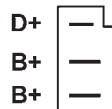
**110911** Alternator 14 V, 55 Amp.

Replacing: 0120489760, 0120489759, 0120489735, 0120489659, 0120489657, 0120489654, 0120489653  
 Servicing: Audi, Peugeot, Saab, VW  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.64 B: 56.00 mm



**110912** Alternator 14 V, 55 Amp.

Replacing: 9120144239, 9120144238, 9120144202, 9120144201, 0120489753, 0120489752, 0120489743, 0120489742  
 Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 44.50 B: 16.40 C: 66.00 mm



**110913** Alternator 14 V, 70 Amp.

Replacing: 0120489981, 0120489980, 0120489873, 0120489872, 0120489871, 0120489870, 0120489868, 0120489774  
 Servicing: Audi, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm



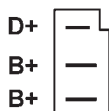
**110914** Alternator 14 V, 45 Amp.

Replacing: 0120489122, 0120489120  
 Servicing: Opel, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 84.63 B: 56.00 mm



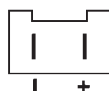
**110916** Alternator 14 V, 40 Amp.

Replacing: 9120144243, 9120144242  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 59.00 B: 40.00 mm



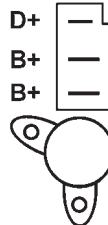
**110919** Alternator 14 V, 70 Amp.

Replacing: 0120489249, 0120489248, 0120489196, 0120489195, 0120469501  
 Servicing: Audi, VW  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 110.00 B: 56.00 mm



**110920** Alternator 14 V, 50 Amp.

Replacing: 9120144260, 9120144259  
 Servicing: Renault  
 B+ M5, Grooves 1, Pulley P, Fan EF  
 A: 101.00 B: 56.00 mm



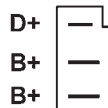
**110923** Alternator 14 V, 55 Amp.

Replacing: 0120489355, 0120489354, 0120489333, 0120489332, 0120489331, 0120489324, 0120489323, 0120489302  
 Servicing: Mercedes-Benz  
 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



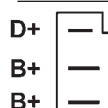
**110925#** Alternator 14 V, 45 Amp.

Replacing: 0120489628, 0120489627, 0120489115, 0120489114, 0120400839, 0120400838  
 Servicing: Opel, Saab, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



**110971** Alternator 14 V, 65 Amp.

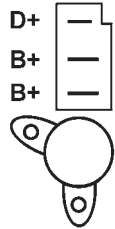
Replacing: 0120489708  
 Servicing: Opel, Vauxhall  
 B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm



**110972** Alternator 14 V, 65 Amp.

Replacing: 0120489124, 0120489123, 0120489121  
 Servicing: Opel, Vauxhall  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 87.90 B: 56.00 mm




**110975** Alternator 14 V, 65 Amp.

Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584

Servicing: Audi, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 82.85 B: 56.25 mm

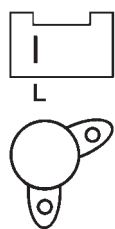

**110990<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 0120469558, 0120469557, 0120469556, 0120469555, 0120469548, 0120469546, 0120469545, 0120469535

Servicing: Audi, Porsche, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 83.40 B: 56.00 mm


**110993** Alternator 14 V, 50 Amp.

Replacing: 9120144266, 9120144265, 9120144255, 9120144254, 0120489394, 0120489393

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 71.85 B: 36.00 C: 56.45 mm

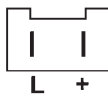

**111035** Alternator 14 V, 65 Amp.

Replacing: 0120489188, 0120489187, 0120489186, 0120489126

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm

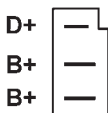

**111072** Alternator 14 V, 50 Amp.

Replacing: 9120144284, 9120144283

Servicing: Renault, VW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 49.40 B: 27.00 C: 66.00 mm

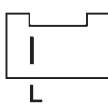

**111074<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 0120489239, 0120489238, 0120489203, 0120489202

Servicing: VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 75.40 B: 56.00 mm

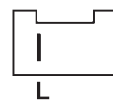

**111075** Alternator 14 V, 55 Amp.

Replacing: 0120489194, 0120489193

Servicing: Citroen, Peugeot, Talbot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.50 B: 40.00 mm


**111076** Alternator 14 V, 50 Amp.

Replacing: 0120489270, 0120489259, 0120489258, 0120489158, 0120489157, 0120488215, 0120488214

Servicing: Citroen, Opel, Peugeot, Talbot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.35 B: 26.80 C: 66.00 mm

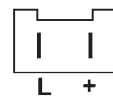

**111078** Alternator 14 V, 45 Amp.

Replacing: 9120144241, 9120144240, 9120144229, 9120144228

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.25 B: 21.85 mm


**111082** Alternator 14 V, 60 Amp.

Replacing: 9120144277

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 100.95 B: 56.00 mm


**111083<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 9120080135, 0120489983, 0120489982, 0120489869, 0120489747, 0120489746, 0120489560, 0120489559

Servicing: Audi, Ford, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 76.15 B: 56.00 mm

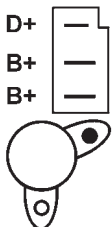

**111085** Alternator 14 V, 55 Amp.

Replacing: 0120489066, 0120489065

Servicing: Volvo

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 91.95 B: 71.00 mm

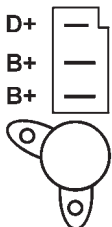

**111086** Alternator 14 V, 65 Amp.

 Replacing: 9120450018, 9120450012,  
0120489938, 0120489851, 0120489850,  
0120489849, 0120489847, 0120489846

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm


**111093** Alternator 14 V, 70 Amp.

 Replacing: 0120489330, 0120489329,  
0120489328, 0120489327, 0120489326,  
0120489325, 0120489322, 0120489321

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm


**111094** Alternator 14 V, 65 Amp.

 Replacing: 9120690438, 0120489369/370,  
0120485008, 0120485007

Servicing: Audi, VW

 B+ M8, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 109.00 B: 56.00 mm


**111095** Alternator 14 V, 65 Amp.

 Replacing: 0120489435, 0120489434,  
0120489431, 0120489430, 0120489429

Servicing: VW

 B+ M8, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 76.30 B: 56.00 mm


**111096** Alternator 14 V, 55 Amp.

 Replacing: F000LD0108, 9120080061,  
0120489584, 0120489583, 0120489566,  
0120489565, 0120400863, 0120400862

Servicing: VW

 B+ M6, Pulley w/o, Fan w/o  
mm

**111138** Alternator 14 V, 45 Amp.

 Replacing: 9120144209, 9120144208,  
0120489921, 0120489920, 0120489741,  
0120489740, 0120489673, 0120489672

Servicing: Fiat, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.35 B: 17.00 C: 63.00 mm


**111139** Alternator 14 V, 75 Amp.

 Replacing: B120421870, 0120469554,  
0120469536, 0120469533, 0120469528,  
0120469525, 0120469524, 0120469505

Servicing: Audi, Porsche, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 82.30 B: 56.00 mm


**111141** Alternator 14 V, 55 Amp.

 Replacing: 0120489757, 0120489726,  
0120489725, 0120489315, 0120489032,  
0120488282, 0120400700

Servicing: MAN, Mercedes-Benz

 B+ M6, Terminal W, Pulley w/o,  
Fan w/o

B: 80.00 mm


**111146** Alternator 28 V, 55 Amp.

 Replacing: 0120469983, 0120469891,  
0120469761, 0120469692, 0120469592,  
0120469562, 0120469527, 0120469038

Servicing: DAF, Ford, MAN

 B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 80.00 mm


**111147** Alternator 14 V, 80 Amp.

 Replacing: 0120469805, 0120469804,  
0120469619, 0120469618, 0120469617,  
0120469593, 0120469561, 0120469560

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 78.00 B: 56.00 mm


**111148** Alternator 14 V, 65 Amp.

Replacing: 0120489943, 0120489942, 0120489400, 0120489348, 0120489263, 0120489129, 0120489128, 0120488235

Servicing: Autobianchi, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm


**111149** Alternator 14 V, 80 Amp.

Replacing: 0120469945, 0120469944, 0120469844, 0120469642, 0120469591, 0120469590, 0120469589, 0120469588

Servicing: Mercedes-Benz  
 B+ M8, Grooves 1, Pulley P, Fan EF  
 A: 76.00 B: 56.00 mm


**111152** Alternator 14 V, 45 Amp.

Replacing: 0120489380  
 Servicing: VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 99.00 B: 56.00 mm


**111153** Alternator 14 V, 55 Amp.

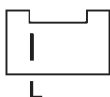
Replacing: 0120489904, 0120489903, 0120489550, 0120489549

Servicing: Alfa Romeo  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 52.00 B: 27.00 mm


**111154** Alternator 14 V, 65 Amp.

Replacing: 0120489497, 0120489449, 0120489379, 0120489378, 0120488238, 0120488227, 0120488226

Servicing: Audi, Mercedes-Benz, Seat, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 98.00 B: 56.00 mm


**111155<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: 0120489344, 0120489174, 0120489173

Servicing: Peugeot, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 65.00 B: 27.00 C: 66.00 mm


**111156** Alternator 14 V, 70 Amp.

Replacing: 0120489358, 0120489190, 0120489189

Servicing: Peugeot, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 64.30 B: 27.00 C: 66.00 mm


**111157** Alternator 14 V, 90 Amp.

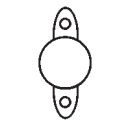
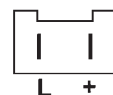
Replacing: 0120469958, 0120469810, 0120469809, 0120469808, 0120469677, 0120469676, 0120469662, 0120469661

Servicing: Ford, Jaguar, Merkur  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B: 14.00 C: 82.00 mm


**111160** Alternator 14 V, 65 Amp.

Replacing: 0120489361, 0120489360

Servicing: Seat, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 63.90 B: 14.15 C: 81.75 mm


**111163<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: 9120144286, 9120144285

Servicing: Renault  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 48.50 B: 26.75 C: 66.00 mm


**111164** Alternator 14 V, 70 Amp.

Replacing: 0120488012, 0120488009, 0120488001, 0120488000

Servicing: Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 39.20 B: 13.50 C: 80.00 mm


**111166** Alternator 14 V, 70 Amp.

Replacing: 0120489634, 0120489633, 0120489340, 0120489339, 0120489139, 0120489138, 0120488191, 0120488190

Servicing: Albin, Bedford, Lancia, Opel, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm





**111168** Alternator 14 V, 55 Amp.

Replacing: 0120489952, 0120489951, 0120489950, 0120489948, 0120489947, 0120489125, 0120489124, 0120489123

Servicing: Ferrari, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.00 B: 56.00 mm



**111169** Alternator 14 V, 70 Amp.

Replacing: 0120488193, 0120488192, 0120488173, 0120488172

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm



**111170** Alternator 14 V, 65 Amp.

Replacing: 0120489489, 0120489488, 0120489421, 0120489418, 0120488201, 0120488200, 0120488166, 0120488161

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 34.85 B: 10.80 C: 81.00 mm



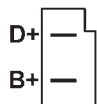
**111178** Alternator 14 V, 70 Amp.

Replacing: 0120489632, 0120489631, 0120489630, 0120489629, 0120489111, 0120489110, 0120489109, 0120489108

Servicing: Bedford, Land Rover, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 76.85 B: 56.00 mm



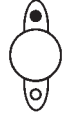
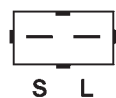
**111180** Alternator 14 V, 33 Amp.

Replacing: 0120339528, 0120339527, 0120339516, 0120339515

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 25.00 C: 74.00 mm



**111216** Alternator 14 V, 37 Amp.

Replacing: 9120060027, 0120488297

Servicing: Thermo King

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 51.00 mm



**111261** Alternator 28 V, 50 Amp.

Replacing: 0122469004, 0122469002

Servicing: Caterpillar

B+ 7/16« UNC, Pulley w/o, Fan EF

B: 14.10 C: 102.00 mm



**111268** Alternator 14 V, 80 Amp.

Replacing: 0123310016, 0123310009, 0120485015

Servicing: Infiniti, Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 38.00 B: 25.00 C: 81.00 mm



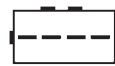
**111279** Alternator 14 V, 50 Amp.

Replacing: 9120334318, 9120334317

Servicing: Chevrolet, GEO, Pontiac, Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.50 B: 20.00 C: 66.00 mm



**111280** Alternator 14 V, 65 Amp.

Replacing: 0123115010, 0123115008, 0120335008

Servicing: Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 38.25 B: 24.80 C: 66.80 mm



**111287** Alternator 14 V, 70 Amp.

Replacing: 0120489496, 0120489495, 0120489433, 0120489432, 0120489427

Servicing: VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 106.40 B: 56.00 mm



**111288** Alternator 14 V, 70 Amp.

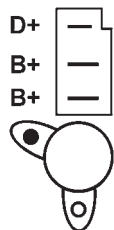
Replacing: 0120489442, 0120489375, 0120489374, 0120489240, 0120489198, 0120488240, 0120488237, 0120488199

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 56.00 mm




**111289** Alternator 14 V, 70 Amp.

Replacing: 9120331872, 9120331864, 9120331854, 0120489957, 0120489896, 0120489895, 0120489889, 0120489844

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm


**111292<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 0123310015

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 31.50 B: 14.00 C: 80.00 mm


**111293** Alternator 14 V, 70 Amp.

Replacing: 0123310014, 0120485029

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 31.20 B: 14.00 C: 80.00 mm


**111298** Alternator 14 V, 65 Amp.

Replacing: 9127041241

Servicing: Carrier Transicold

B+ M6, Pulley w/o, Fan w/o

B: 27.00 mm

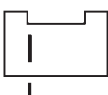

**111318** Alternator 14 V, 80 Amp.

Replacing: 0123310013, 0123310011

Servicing: BMW, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm

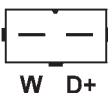

**111321** Alternator 14 V, 70 Amp.

Replacing: 0120489491

Servicing: Volvo

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.20 B: 27.15 C: 66.00 mm


**111352** Alternator 14 V, 70 Amp.

Replacing: B120411204, B120310087, 0123315001, 0123310020, 0123310002, 0123114005, 0123110002, 0120485034

Servicing: Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.45 B: 14.65 C: 59.80 mm


**111353** Alternator 14 V, 70 Amp.

Replacing: 0123315002, 0123310032, 0123310025, 0123310019, 0123310001, 0120485043

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm

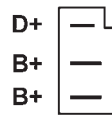

**111354** Alternator 14 V, 70 Amp.

Replacing: 0123315005, 0123310005, 0120485022, 0120485012, 0120485011

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm

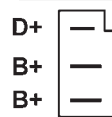

**111355** Alternator 14 V, 65 Amp.

Replacing: 0120489385, 0120489384, 0120489293

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm

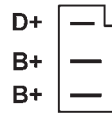

**111356** Alternator 14 V, 55 Amp.

Replacing: 0120488189

Servicing: Ford

B+ 9.40, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm

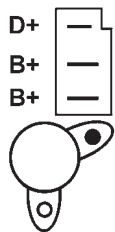

**111362** Alternator 14 V, 55 Amp.

Replacing: 0120489345, 0120489290

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



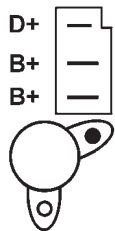
**111364** Alternator 14 V, 55 Amp.

Replacing: 0120489292, 0120489252, 0120489251, 0120489245

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm



**111366** Alternator 14 V, 45 Amp.

Replacing: 9120144290, 9120144289

Servicing: Land Rover, LDV

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.00 C: 81.00 mm



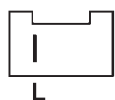
**111369** Alternator 14 V, 90 Amp.

Replacing: 9123369044, 0123335007, 0123335006, 0123335002, 0123320044

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



**111403** Alternator 14 V, 70 Amp.

Replacing: 0120488143

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 46.75 B: 27.00 C: 66.00 mm



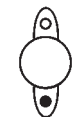
**111416** Alternator 14 V, 65 Amp.

Replacing: 0124215002

Servicing: Citroen, Fiat

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 49.85 B: 16.75 C: 82.00 mm



**111418** Alternator 14 V, 55 Amp.

Replacing: 0120489336, 0120488284

Servicing: Alfa Romeo, Fiat, Iveco

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 17.00 C: 66.00 mm



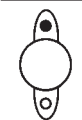
**111419** Alternator 28 V, 55 Amp.

Replacing: 0120469890, 0120469634, 0120469549

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 50.00 B: 17.45 C: 63.00 mm



**111426** Alternator 14 V, 100 Amp.

Replacing: 0124415008, 0123505002

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.75 C: 56.00 mm



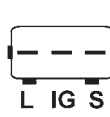
**111427** Alternator 14 V, 90 Amp.

Replacing: 0123212001

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.50 B: 13.50 C: 81.00 mm



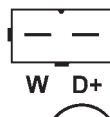
**111468** Alternator 14 V, 80 Amp.

Replacing: 0123325013, 0123325003, 0123325000

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



**111477** Alternator 14 V, 90 Amp.

Replacing: 9123320007, 0123340003, 0123320017, 0123320007, 0123320001, 0120485038

Servicing: Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 13.50 C: 59.00 mm



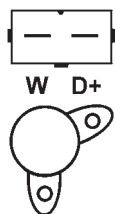
**111478** Alternator 14 V, 90 Amp.

Replacing: 9123320016, 0123320054, 0123320052, 0123320016

Servicing: Audi, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 30.50 B: 14.00 C: 82.00 mm


**111479** Alternator 14 V, 90 Amp.

Replacing: 0123340002, 0123320006, 0123320002, 0120485036

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm

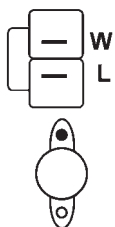

**111514** Alternator 14 V, 100 Amp.

Replacing: 0123505003

Servicing: Opel, Saab, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 52.00 B: 34.00 C: 56.00 mm


**111515** Alternator 14 V, 70 Amp.

Replacing: F002G10951

Servicing: AC, Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.00 C: 78.50 mm


**111528** Alternator 28 V, 55 Amp.

Replacing: 0120469523

Servicing: Volvo, Volvo BM, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 51.50 mm


**111539<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 0120489499, 0120489448, 0120489441, 0120489371, 0120489370, 0120489369, 0120489364

Servicing: Audi, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.00 B: 56.00 mm


**111620** Alternator 14 V, 65 Amp.

Replacing: 0120489824, 0120489823, 0120489319, 0120489318, 0120489307, 0120489273, 0120489272, 0120488254

Servicing: Alfa Romeo, Ferrari, Fiat, Lancia

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 47.75 B: 16.30 C: 63.00 mm


**111629** Alternator 28 V, 120 Amp.

Replacing: 0120689591, 0120689551, 0120689533, 0120689532, 0120689520, 0120689515, 0120689513, 0120689512

Servicing: MAN, Mercedes-Benz, Setra

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm. Heavy duty type: Cargo 113589. 180 Amp.

B: 15.00 C: 180.00 mm


**111631** Alternator 28 V, 60 Amp.

Replacing: 6033GB3020, 6033G3073B, 6033G3020B, 0120469044, 0120469033, 0120469018

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 14.10 C: 100.00 mm

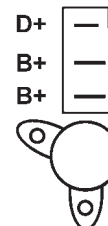

**111649** Alternator 14 V, 33 Amp.

Replacing: 0120400775, 0120339545, 0120339544, 0120339543, 0120339513, 0120339512, 0120339511, 0120300562

Servicing: Claas, Eicher, John Deere, Lamborghini, Same

B+ M6, Grooves 1, Pulley P, Fan EF

A: 76.00 B: 56.00 mm

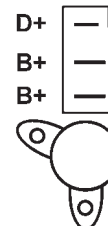

**111652** Alternator 14 V, 65 Amp.

Replacing: 9120080118, 0120489976, 0120489972, 0120489971, 0120489758, 0120489732, 0120489714, 0120489713

Servicing: Audi, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm


**111653** Alternator 14 V, 45 Amp.

Replacing: 0120489988, 0120489987, 0120489986, 0120489893, 0120489892, 0120489860, 0120489859, 0120489858

Servicing: Audi, VW

B+ 9.70, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm





**111656** Alternator 14 V, 45 Amp.

Replacing: 0120489767, 0120489766, 0120489117, 0120489116

Servicing: Bedford, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm



**111662** Alternator 14 V, 33 Amp.

Replacing: 0120339536, 0120339521

Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm



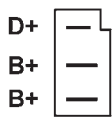
**111667** Alternator 14 V, 65 Amp.

Replacing: 0120489906, 0120489905, 0120489716, 0120489715, 0120488103, 0120488102

Servicing: Alfa Romeo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 51.00 B: 27.00 mm



**111670** Alternator 14 V, 45 Amp.

Replacing: 0120489991, 0120489990, 0120489916, 0120489915, 0120489819, 0120489818

Servicing: VW

B+ Plug, Pulley w/o, Fan w/o

B: 56.00 mm



**111675<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 0123320039, 0123320011

Servicing: Saab

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 84.50 B: 56.00 mm



**111676** Alternator 14 V, 90 Amp.

Replacing: B120411182, 0123340001, 0123320048, 0123320003, 0120485020, 0120485019

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 14.80 C: 59.00 mm



**111686** Alternator 14 V, 65 Amp.

Replacing: 0120489338, 0120489219, 0120489212, 0120489153, 0120489152, 0120489136, 0120489018, 0120488251

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.50 B: 17.00 C: 64.50 mm



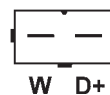
**111732** Alternator 14 V, 120 Amp.

Replacing: 0124515086, 0123510063, 0123505001

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.00 B: 34.00 C: 56.00 mm



**111733<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: 0123510056, 0123510034, 0123510032, 0123510006, 0123510001, 0123505005, 0120465020

Servicing: Audi, Ford, GMC, Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 59.00 mm



**111741** Alternator 14 V, 70 Amp.

Replacing: 0120488243, 0120488242, 0120488181, 0120488180, 0120488179, 0120488178, 0120488149

Servicing: Ford

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.50 C: 81.00 mm



**111746** Alternator 28 V, 90 Amp.

Replacing: 6033GB3021, 0120468144, 0120468135, 0120468093

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 14.50 C: 100.00 mm



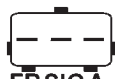
**111772<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: 0123510045

Servicing: Audi

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 35.00 B: 14.20 C: 82.00 mm


 FRSIGA  
LI RC A

**111795** Alternator 14 V, 80 Amp.

Replacing: 9124476602

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm


**111799#** Alternator 14 V, 70 Amp.

 Replacing: 0120489312, 0120489311,  
0120489310, 0120489254, 0120489253

Servicing: Saab

 B+ M8, Terminal W, Grooves 5,  
Pulley SP, Fan IF

A: 79.50 B: 56.00 mm


**111800** Alternator 14 V, 70 Amp.

Replacing: 0120489343, 0120489341

Servicing: Opel, Vauxhall

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 88.00 B: 56.00 mm

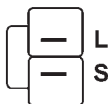

**111801#** Alternator 14 V, 70 Amp.

 Replacing: 0120489447, 0120489446,  
0120488241, 0120488236

Servicing: Seat, VW

 B+ M8, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 77.50 B: 56.00 mm


 L  
S

**111812** Alternator 14 V, 90 Amp.

Replacing: 9120335001, 9120335000

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 60.00 B: 13.00 C: 81.00 mm


**111813#** Alternator 14 V, 90 Amp.

 Replacing: 0120450024, 0120450023,  
0120450019, 0120450018, 0120450017,  
0120450016, 0120450014, 0120450013

Servicing: Chrysler, Dodge, Plymouth

 B+ M6, Grooves 4, Pulley SP, Fan EF  
*Regulator: Cargo 131280.*

A: 34.00 B: 12.00 C: 54.00 mm


**111814** Alternator 14 V, 120 Amp.

Replacing: 0120450029

Servicing: Chrysler

 B+ M6, Grooves 5, Pulley SP, Fan EF  
*Regulator: Cargo 131280.*

A: 34.00 B: 12.00 C: 54.00 mm


**111815** Alternator 14 V, 120 Amp.

 Replacing: 0120450028, 0120450027,  
0120450026

Servicing: Chrysler

 B+ M6, Terminal W, Grooves 5,  
Pulley SP, Fan EF  
*Regulator: Cargo 131280.*

A: 31.85 B: 12.30 C: 54.00 mm



W D+


**111820** Alternator 14 V, 90 Amp.

 Replacing: 0123320034, 0123320027,  
0123320019, 0123320008

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 14.00 C: 59.00 mm

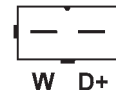

**111824** Alternator 14 V, 70 Amp.

 Replacing: 0124225049, 0124225041,  
0124225022, 0124225018, 0124225001,  
0123110008

Servicing: Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 53.00 B: 33.70 C: 56.00 mm



W D+

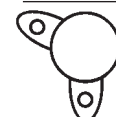

**111825** Alternator 14 V, 70 Amp.

Replacing: 0123310038

Servicing: Seat, Skoda, VW

 B+ M8, Terminal W, Grooves 5,  
Pulley SP, Fan IF

A: 44.00 B: 14.30 C: 60.70 mm


**111826#** Alternator 14 V, 115 Amp.

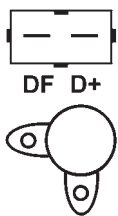
Replacing: 0123510102, 0123510044

Servicing: Mercedes-Benz, Opel

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 79.50 B: 56.00 mm





**111828** Alternator 14 V, 120 Amp.

Replacing: 0123515020, 0123515017

Servicing: Ford, Seat, Volvo, VW

B+ M8, Pulley w/o, Fan IF

B: 14.10 C: 59.00 mm



**111833** Alternator 28 V, 140 Amp.

Replacing: 0120689587, 0120689574, 0120689571, 0120689535, 0120689530

Servicing: Drögmöller, Mercedes-Benz, Setra  
B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm. Heavy duty type: Cargo 113589. 180 Amp.

B: 15.70 C: 180.00 mm



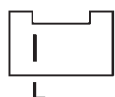
**111834** Alternator 28 V, 55 Amp.

Replacing: 9120145002, 0120469960, 0120469959, 0120469900, 0120469826, 0120469807, 0120469763, 0120469693

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan EF  
Heavy duty type: Cargo 112182. 80 Amp.

B: 80.00 mm



**111841** Alternator 14 V, 50 Amp.

Replacing: 0120489476, 0120489467

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.50 B: 56.00 mm



**111842** Alternator 28 V, 140 Amp.

Replacing: B120600100, 0120689582, 0120689575, 0120689569, 0120689541, 0120689540, 0120689527, 0120689522

Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.00 C: 180.00 mm



**111843** Alternator 14 V, 95 Amp.

Replacing: F005A00024, 9120060041, 6033G2019B, 0120484218, 0120484050, 0120484026, 0120484018, 0120484011

Servicing: Case

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan w/o  
B- M8.

A: 74.60 B: 51.00 mm



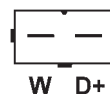
**111850** Alternator 14 V, 143 Amp.

Replacing: 0123520008, 0123520007, 0123510021, 0123510018, 0123510004

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 82.50 B: 56.00 mm



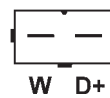
**111857<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: 0123510065

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 14.00 C: 59.00 mm



**111858** Alternator 14 V, 90 Amp.

Replacing: 0123320036

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 42.90 B: 14.00 C: 59.00 mm



**111859<sup>#</sup>** Alternator 28 V, 120 Amp.

Replacing: 0120689526

Servicing: Kässbohrer, Setra

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.50 C: 180.00 mm



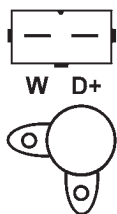
**111860** Alternator 14 V, 90 Amp.

Replacing: 0120469979, 0120469892, 0120469875, 0120469861, 0120469860, 0120469034

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 56.00 B: 17.00 C: 63.30 mm


**111878** Alternator 14 V, 70 Amp.

Replacing: 0123310037

Servicing: Audi, Skoda, VW

 B+ M8, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm

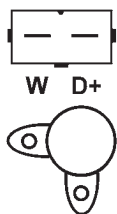

**111883** Alternator 14 V, 115 Amp.

 Replacing: 0123510101, 0123510080,  
0123510049, 0123510038

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm

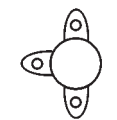

**111884** Alternator 14 V, 90 Amp.

Replacing: 0123320038, 0123310049

Servicing: Seat, VW

 B+ M8, Terminal W, Grooves 6,  
Pulley SP/FW, Fan IF

A: 39.50 B: 14.00 C: 61.50 mm


**111886** Alternator 28 V, 65 Amp.

 Replacing: 6033GB3034, 6033GB3033,  
0120468131

Servicing: Scania

 B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 23.25 C: 68.70 mm


**111887#** Alternator 14 V, 90 Amp.

Replacing: 0123320021

Servicing: Ford

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 28.50 B: 14.00 C: 59.00 mm


**111888** Alternator 14 V, 65 Amp.

 Replacing: F005A00023, 0120489475,  
0120488293, 0120488205

Servicing: Case

 B+ M8, Terminal W, Grooves 8,  
Pulley SP, Fan EF

A: 81.00 B: 50.60 mm


**111890** Alternator 14 V, 90 Amp.

Replacing: 0123340007, 0123320041

Servicing: Mercedes-Benz

 B+ M8, Terminal W, Grooves 6,  
Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm


**111891** Alternator 14 V, 70 Amp.

Replacing: 0124225031, 0123110005

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 52.75 B: 33.60 C: 56.00 mm

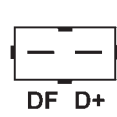

**111893** Alternator 14 V, 70 Amp.

Replacing: 0123310012

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 91.45 B: 56.00 mm

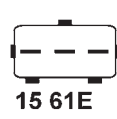

**111894** Alternator 14 V, 115 Amp.

Replacing: 0123515028, 0123515013

Servicing: Volvo

 B+ M8, Terminal DF, Grooves 6,  
Pulley SP, Fan IF

A: 40.50 B: 14.00 C: 59.00 mm

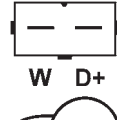

**111895** Alternator 14 V, 140 Amp.

 Replacing: B120510510, 0123515023,  
0123515010, 0123515002, 0123515001

Servicing: BMW

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 66.00 C: 59.00 mm

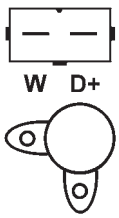

**111898** Alternator 14 V, 120 Amp.

 Replacing: B120510614, 0123515016,  
0123510026, 0123505016

Servicing: VW

 B+ M8, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 39.00 B: 14.25 C: 61.00 mm



**111899** Alternator 14 V, 90 Amp.

Replacing: 0123320018

Servicing: VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.30 B: 14.00 C: 61.00 mm



**111902** Alternator 14 V, 115 Amp.

Replacing: 0123510100, 0123510081, 0123510079, 0123510068, 0123510050, 0123510022

Servicing: Mercedes-Benz, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 83.00 B: 56.10 mm



**111903** Alternator 14 V, 90 Amp.

Replacing: 0123335008, 0123320060

Servicing: Mercedes-Benz, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 83.00 B: 56.10 mm



**111967** Alternator 14 V, 90 Amp.

Replacing: 0124325023

Servicing: Mercedes-Benz

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 30.00 B: 140.00 C: 41.20 mm



**111978** Alternator 14 V, 120 Amp.

Replacing: 6033GB2009, 0120484021, 0120484015

Servicing: Claas, Fendt

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm



**111980** Alternator 14 V, 70 Amp.

Replacing: 0123310051, 0123310033

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 80.90 mm



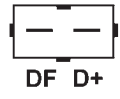
**111987** Alternator 28 V, 55 Amp.

Replacing: 6333G3013B, 0120469999, 0120469978, 0120469849, 0120469679, 0120469673, 0120469113, 0120469110

Servicing: Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 17.00 C: 63.80 mm



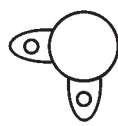
**111988** Alternator 14 V, 120 Amp.

Replacing: 0123515018, 0123515014, 0123510027, 0123505011

Servicing: Ford, Seat, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 13.90 C: 59.00 mm



**111989** Alternator 14 V, 90 Amp.

Replacing: 0124325137, 0124325003

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 61.00 mm



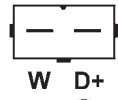
**111990** Alternator 14 V, 70 Amp.

Replacing: 0124225050, 0124225046, 0124225024, 0124225002

Servicing: Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 55.00 B: 33.50 C: 56.00 mm



**111991** Alternator 14 V, 120 Amp.

Replacing: 0123510005, 0123505010, 0120465021

Servicing: VW

B+ M8, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 42.50 B: 14.00 C: 59.00 mm



**111993** Alternator 14 V, 75 Amp.

Replacing: 0123315020, 0123315007

Servicing: Honda, Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm



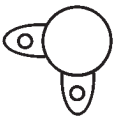

**111997#** Alternator 14 V, 70 Amp.

Replacing: 0123110006

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.40 C: 56.00 mm


**112002** Alternator 14 V, 120 Amp.

 Replacing: 0124515125, 0124515124,  
0124515121, 0124515117, 0124515110,  
0124515012, 0124515011, 0124515010

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Terminal W, Pulley w/o, Fan IF  
*Free wheel pulley: Cargo 230293. Washer  
bosch: Cargo 139931. Washer hitachi: Cargo  
133948.*

B: 14.50 C: 59.00 mm


**112038** Alternator 28 V, 100 Amp.

Replacing: 0120468066

Servicing: Timberjack

 B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 56.00 mm


**112042** Alternator 14 V, 90 Amp.

Replacing: 0123325006

Servicing: VW

 B+ M8, Terminal DF, Grooves 5,  
Pulley SP/FW, Fan IF

A: 42.50 B: 13.80 C: 61.00 mm


**112043** Alternator 14 V, 90 Amp.

Replacing: 0124325004

Servicing: VW

 B+ M8, Terminal DF, Grooves 6,  
Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm


**112045** Alternator 14 V, 120 Amp.

Replacing: 0123515008

Servicing: Audi, VW

 B+ M8, Terminal DF, Grooves 5,  
Pulley SP, Fan IF

A: 30.00 B: 13.60 C: 59.00 mm


**112046** Alternator 14 V, 95 Amp.

Replacing: 0120484001

Servicing: Deutz-Fahr, Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**112056** Alternator 14 V, 70 Amp.

 Replacing: 0120489342, 0120488204,  
0120488202, 0120488187, 0120488186,  
0120488169, 0120488168, 0120488100

Servicing: Opel, Vauxhall

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 84.50 B: 56.00 mm


**112062** Alternator 14 V, 115 Amp.

Replacing: 0124515126, 0123512500

Servicing: John Deere

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**112072** Alternator 14 V, 120 Amp.

Replacing: 0124515054, 0124515019

Servicing: Volvo

B+ M8, Pulley w/o, Fan IF

B: 20.20 C: 82.00 mm


**112073** Alternator 14 V, 80 Amp.

Replacing: 0124325006

Servicing: Chrysler, Honda

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 90.80 B: 56.00 mm


**112075** Alternator 14 V, 70 Amp.

Replacing: 0124315004, 0124315003

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40,00 B: 14.00 C: 60,75 mm


**112076** Alternator 28 V, 80 Amp.

Replacing: 0120468999, 0120468139, 0120468130, 0120468129, 0120468124, 0120468116, 0120468094, 0120468065

Servicing: Iveco, Renault V.I., Scania  
B+ M8, Terminal W, Pulley w/o, Fan EF  
B: 27.00 C: 72.10 mm


**112077#** Alternator 14 V, 70 Amp.

Replacing: 0124225025, 0124225009

Servicing: Opel, Vauxhall  
B+ M8, Grooves 1, Pulley P, Fan IF  
A: 52.90 B: 33.60 C: 55.70 mm


**112078** Alternator 14 V, 120 Amp.

Replacing: 0124515018, 0124515017

Servicing: Citroen, Volvo  
B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 44.50 C: 82.00 mm


**112079** Alternator 14 V, 90 Amp.

Replacing: 0124325149, 0124325131, 0124325101, 0124325088, 0124325073, 0124325012, 0124325001

Servicing: Audi, Ford, Seat, Skoda, VW  
B+ M8, Pulley w/o, Fan IF  
B: 14.00 C: 61.00 mm


**112086** Alternator 14 V, 60 Amp.

Replacing: 9120334632, 9120334631

Servicing: Audi, Ford, Nissan  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 42.00 B: 13.10 C: 80.40 mm


**112087** Alternator 14 V, 55 Amp.

Replacing: 9120334640, 9120334636, 9120334628, 9120334627, 9120144616, 9120144615, 9120144611, 9120144610

Servicing: Nissan  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 44.50 B: 13.50 C: 80.50 mm


**112097** Alternator 28 V, 30 Amp.

Replacing: 0120489796, 0120489795, 0120489794, 0120489793, 0120489792, 0120489639, 0120489638, 0120489612

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda  
B+ M6, Grooves 1, Pulley P, Fan w/o  
A: 45.00 B: 17.00 C: 73.00 mm


**112098** Alternator 14 V, 65 Amp.

Replacing: 0120489711, 0120489710, 0120489294, 0120489022, 0120488233, 0120488138, 0120488134, 0120400845

Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
A: 77.00 B: 56.00 mm


**112144** Alternator 14 V, 98 Amp.

Replacing: 0124415043, 0124415041, 0124415040, 0124415038, 0124415014, 0124415013, 0124415007, 0124325185

Servicing: Dacia, Nissan, Renault  
B+ M8, Pulley w/o, Fan IF  
B: 80.00 C: 40.50 mm


**112149** Alternator 14 V, 65 Amp.

Replacing: 9127041201, 9127041200, 0120489437, 0120489436, 0120489365, 0120489363, 0120489362, 0120489185

Servicing: Audi, Seat, VW  
B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
A: 109.80 B: 56.00 mm




**112159** Alternator 28 V, 80 Amp.

Replacing: B120500755, 6033GB3054, 6033GB3006, 0120468138, 0120468137, 0120468118, 0120468117, 0120468115

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF  
B: 80.40 mm


**112170** Alternator 28 V, 50 Amp.

Replacing: 0120489481, 0120489071, 0120488294, 0120488206

Servicing: Case, Komatsu

B+ M6, Terminal W, Pulley w/o, Fan EF  
*Dust proof.*  
B: 51.00 mm


**112182** Alternator 28 V, 80 Amp.

Replacing: 112182

Servicing: Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

*As Cargo 111834 (55Amp).*

B: 80.10 mm


**112189** Alternator 28 V, 80 Amp.

Replacing: 0120468162, 0120468154, 0120468140

Servicing: Renault V.I.

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 27.00 C: 76.25 mm

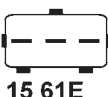

**112190** Alternator 14 V, 90 Amp.

Replacing: 0124415011, 0124325145, 0124325058

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 58.35 B: 25.00 C: 70.65 mm


**15 61E**

**112193** Alternator 14 V, 120 Amp.

Replacing: 0124515050, 0123515022, 0123515004

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 76.00 mm


**112194** Alternator 14 V, 120 Amp.

Replacing: 0123545004, 0123540004, 0123540003, 0123540002, 0123510023, 0123510002, 0123500001, 0120465015

Servicing: Dodge, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 82.20 B: 56.00 mm


**112195** Alternator 14 V, 115 Amp.

Replacing: 0123510037

Servicing: Chrysler, Dodge

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 27.00 B: 14.10 C: 60.60 mm


**112196** Alternator 14 V, 143 Amp.

Replacing: 0124615053, 0123510075, 0123510074, 0123510060

Servicing: Fendt

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**112197** Alternator 14 V, 115 Amp.

Replacing: 0124615035, 0124515118, 0124515114, 0124515091, 0124515064, 0124515061, 0123510108, 0123510107

Servicing: Mercedes-Benz

B+ M8, Pulley w/o, Fan IF

B: 69.80 C: 56.00 mm


**LDFMS**

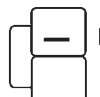
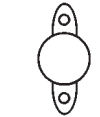
**112198** Alternator 14 V, 105 Amp.

Replacing: 0124415006

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.50 B: 14.00 C: 59.00 mm


**L**

**112207** Alternator 14 V, 70 Amp.

Replacing: 9120334635

Servicing: Nissan

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 41.85 B: 13.00 C: 80.00 mm



**112209** Alternator 14 V, 70 Amp.

Replacing: 0123115014, 0123115009

Servicing: Honda, Rover

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 56.00 mm



**112229** Alternator 14 V, 70 Amp.

Replacing: 0124225028, 0123120001

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.50 B: 34.00 C: 59.00 mm



**112230** Alternator 14 V, 90 Amp.

Replacing: 0120335012

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.20 C: 69.20 mm



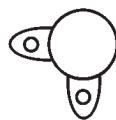
**112234#** Alternator 14 V, 85 Amp.

Replacing: 0120469991, 0120469977,  
0120469976, 0120469904, 0120469741,  
0120469740, 0120469707, 0120469706

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 81.30 B: 56.30 mm



**112273** Alternator 14 V, 70 Amp.

Replacing: 0124315005

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 14.00 C: 60.80 mm



**112274** Alternator 14 V, 90 Amp.

Replacing: 0124325150, 0124325032,  
0124325013

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 14.10 C: 61.40 mm



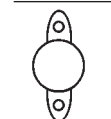
**112288** Alternator 28 V, 55 Amp.

Replacing: B120421892, 0120469753,  
0120469752, 0120469580, 0120469579,  
0120450015, 0120450010

Servicing: Mercedes-Benz, Steyr

B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 56.00 mm



**112302** Alternator 28 V, 120 Amp.

Replacing: 0120689550, 0120689539,  
0120689538, 0120689524, 0120689516

Servicing: Iveco

B+ M8, Grooves 2, Pulley DP, Fan EF  
B- M8.

A: 72.15 B: 16.00 C: 86.00 mm



**112310** Alternator 14 V, 55 Amp.

Replacing: 0120489533

Servicing: BMW, Volvo BM

B+ M6, Grooves 1, Pulley P, Fan EF

A: 74.00 B: 50.70 mm



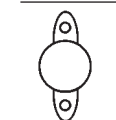
**112325** Alternator 14 V, 70 Amp.

Replacing: 9124476048

Servicing: Ford

B+ M6, Terminal W, Grooves 5,  
Pulley SP, Fan IF

A: 33.00 B: 14.20 C: 82.30 mm



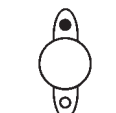
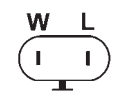
**112329** Alternator 14 V, 70 Amp.

Replacing: 9120334626, 9120334625,  
0120334625

Servicing: Nissan

B+ M6, Terminal W, Grooves 2,  
Pulley DP, Fan EF

A: 43.00 B: 13.20 C: 80.40 mm



**112330** Alternator 14 V, 55 Amp.

Replacing: 9120334638, 9120334634,  
9120334633, 6033GB4021

Servicing: Nissan

B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 43.00 B: 13.30 C: 80.60 mm


**112343** Alternator 28 V, 140 Amp.

Replacing: 0120689573, 0120689566, 0120689561, 0120689552, 0120689548, 0120689543, 0120689514, 0120689511

Servicing: Renault V.I., Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.75 C: 182.00 mm


**112345** Alternator 28 V, 55 Amp.

Replacing: 0120469798, 0120469014

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 51.50 mm


**112394** Alternator 14 V, 70 Amp.

Replacing: 9120334642, 6033GB4018

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 41.90 B: 13.50 C: 80.00 mm


**112396** Alternator 14 V, 90 Amp.

Replacing: 0124325049, 0124325018

Servicing: Audi, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 30.00 B: 14.00 C: 60.85 mm


**112397** Alternator 14 V, 120 Amp.

Replacing: 0124515083, 0124515026

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 29.85 B: 14.10 C: 61.00 mm


**112398** Alternator 14 V, 70 Amp.

Replacing: 0124315010

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 35.00 B: 14.00 C: 82.00 mm


**112399** Alternator 14 V, 90 Amp.

Replacing: 0124325025, 0124325020, 0124325019, 0124325017

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 34.65 B: 14.00 C: 82.50 mm


**112401** Alternator 14 V, 90 Amp.

Replacing: 0124325014

Servicing: Seat, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 30.00 B: 14.00 C: 60.50 mm


**112402** Alternator 14 V, 120 Amp.

Replacing: 0124515057, 0124515035

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.50 C: 61.40 mm


**112406** Alternator 14 V, 90 Amp.

Replacing: 0123315503, 0123315500

Servicing: Iveco

B+ M8, Grooves 1, Pulley P, Fan IF

A: 48.30 B: 14.00 C: 82.00 mm


**112407** Alternator 14 V, 90 Amp.

Replacing: 0124320001

Servicing: Iveco

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 14.00 C: 82.00 mm


**112408#** Alternator 14 V, 90 Amp.

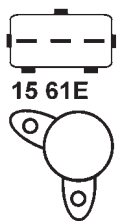
Replacing: 0124325015

Servicing: Seat, Skoda

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm





15 61E

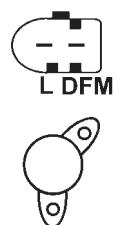


**112413** Alternator 14 V, 90 Amp.

Replacing: 0123325015, 0123325011, 0123315022

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 47.00 B: 20.00 C: 74.00 mm



L DFM



**112414** Alternator 14 V, 85 Amp.

Replacing: 0124225011, 0124225010

Servicing: MG, Rover

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 89.50 B: 58.00 mm



**112415** Alternator 14 V, 120 Amp.

Replacing: 0124515080, 0124515005

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 51.00 B: 33.40 C: 57.20 mm

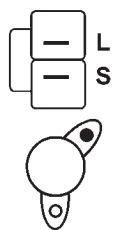


**112416** Alternator 14 V, 100 Amp.

Replacing: 0986042741, 0124515004, 0124425027, 0124425022, 0124425009, 0124415002

Servicing: Holden, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 53.35 B: 33.50 C: 57.20 mm



L S



**112418** Alternator 14 V, 90 Amp.

Replacing: 0124325008

Servicing: Mitsubishi

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 38.00 B: 12.90 C: 66.40 mm



L DFM



**112419** Alternator 14 V, 70 Amp.

Replacing: 0124315014

Servicing: Seat, Skoda

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 35.00 B: 14.00 C: 81.60 mm



**112420** Alternator 14 V, 115 Amp.

Replacing: 0123510109

Servicing: Chrysler

B+ M6, Grooves 6, Pulley SP/FW, Fan IF  
A: 30.30 B: 14.25 C: 61.00 mm



**112424** Alternator 28 V, 140 Amp.

Replacing: 0120689562

Servicing: Scania

B+ M8, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.50 C: 182.00 mm

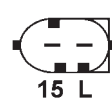


**112425** Alternator 14 V, 150 Amp.

Replacing: 0124615033, 0124615019, 0124615015, 0123520023

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 86.00 B: 70.00 C: 65.00 mm



15 L

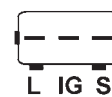


**112426** Alternator 14 V, 150 Amp.

Replacing: 0122468015, 01220AA1J0, 01220AA1H0

Servicing: BMW, Land Rover

B+ M8, Grooves 6, Pulley SP, Fan w/o  
*Water cooled.*  
mm



L IG S



**112427** Alternator 28 V, 90 Amp.

Replacing: 0123525502

Servicing: Iveco

B+ M8, Grooves 12, Pulley SP, Fan IF  
A: 90.00 B: 57.60 mm



L DFM



**112428** Alternator 14 V, 150 Amp.

Replacing: 01220AA2A0, 01220AA1P0, 01220AA1A0, 01220AA0R0, 01220AA0D0, 01220AA0B0, 01220AA000

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP/FW,  
Fan w/o  
*Water cooled.*

A: 63.75 B: 90.15 C: 146.00 mm




**112450<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: 0123345004, 0123320023

Servicing: Alfa Romeo

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 82.50 B: 56.00 mm


**112453** Alternator 14 V, 85 Amp.

 Replacing: 0120469860/875, 0120469710,  
0120469666, 0120469647, 0120469646

Servicing: Alfa Romeo, Fiat, Iveco, Lancia

B+ M8, Pulley w/o, Fan EF

B: 16.90 C: 63.00 mm


**112456<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: 0123310026, 0120485025

Servicing: Alfa Romeo

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 81.50 B: 56.00 mm


**112460** Alternator 14 V, 150 Amp.

Replacing: 0124615002

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm


**112461** Alternator 14 V, 150 Amp.

Replacing: 0124615027

 Servicing: Alfa Romeo, Citroen, Fiat, Lancia,  
Peugeot, Suzuki

B+ M8, Pulley w/o, Fan IF

*This purchase w/o pulley - if needed can  
be used Cargo 230523 w/ 1 spacer washer  
Cargo133947 within pulley mounted.*

B: 22.30 C: 45,20 mm


**112493** Alternator 28 V, 65 Amp.

Replacing: 0120468147, 0120468054

Servicing: Case

 B+ M12, Terminal W, Pulley w/o,  
Fan EF

B: 14.00 C: 100.00 mm


**112529** Alternator 14 V, 90 Amp.

 Replacing: 0123335003, 0123320061,  
0123320045, 0123320010, 0123315501

 Servicing: Daewoo, John Deere, Mercedes-  
Benz, Ssangyong

 B+ M8, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 92.00 B: 56.10 mm

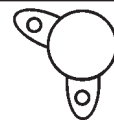

**112530** Alternator 14 V, 120 Amp.

 Replacing: 0123510067, 0123510066,  
0123510051, 0123510039, 0123510012

 Servicing: Daewoo, Mercedes-Benz,  
Ssangyong

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.50 B: 56.10 mm

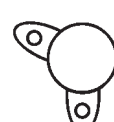

**112532<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: 0123310028, 0123310004

Servicing: Alfa Romeo

 B+ M8, Terminal W, Grooves 5,  
Pulley SP, Fan w/o

A: 81.00 B: 56.25 mm


**112535** Alternator 14 V, 120 Amp.

Replacing: 0124515045

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 91.95 B: 56.00 mm

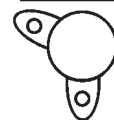

**112538<sup>#</sup>** Alternator 14 V, 140 Amp.

Replacing: 0123214002

Servicing: BMW

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 65.00 B: 28.00 mm

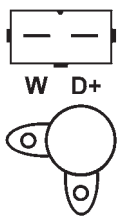

**112539** Alternator 14 V, 110 Amp.

 Replacing: 0123510059, 0123510040,  
0120465017, 0120465016, 0120465014

Servicing: Mercedes-Benz

 B+ M8, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 84.00 B: 56.00 mm



**112543<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 0123320032, 0123320031

Servicing: Audi, Seat, Skoda, VW  
B+ M8, Terminal W, Grooves 6,  
Pulley SP/FW, Fan IF

A: 40.00 B: 14.00 C: 62.80 mm



**112557** Alternator 14 V, 120 Amp.

Replacing: B120510079, B120510078,  
0123545003, 0123545001, 0123505014,  
0123500014, 0123500004, 0123315021

Servicing: Renault, Volvo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 47.80 B: 21.00 C: 55.50 mm



**112558<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: B120510214, 0123510064,  
0123510062, 0123510052, 0123510020,  
0123510003, 0123505004

Servicing: Opel, Saab, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.00 C: 58.00 mm



**112561** Alternator 28 V, 80 Amp.

Replacing: 6033GB3027, 6033GB3022,  
6033GB3019, 0120469117, 0120469116,  
0120469115

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm



**112680** Alternator 14 V, 70 Amp.

Replacing: B120411528, 0123310053,  
0123310029

Servicing: Ford

B+ M6, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 33.50 B: 14.00 C: 80.00 mm



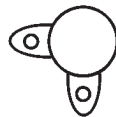
**112683** Alternator 14 V, 105 Amp.

Replacing: 0120489084

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 72.40 B: 16.00 C: 82.00 mm



**112687** Alternator 14 V, 80 Amp.

Replacing: 0120485048, 0120469967

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 76.50 mm



**112689** Alternator 14 V, 55 Amp.

Replacing: 0123100002

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 53.00 B: 34.00 C: 59.00 mm



**112691<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 0123320014

Servicing: Ford

B+ M6, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 34.40 B: 14.00 C: 82.80 mm



**112692<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: 0120469985, 0120469984,  
0120469007, 0120469006

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 68.00 B: 28.00 C: 76.45 mm



**112693** Alternator 14 V, 115 Amp.

Replacing: 0120468125, 0120468101,  
0120468029

Servicing: Porsche

B+ M8, Pulley w/o, Fan IF  
mm



**112694<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: 0123510031

Servicing: Ford

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 28.50 B: 14.00 C: 61.00 mm


**B+ D+ W**

**112698** Alternator 14 V, 100 Amp.

Replacing: F010LD0201

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm


**112699**<sup>#</sup> Alternator 14 V, 140 Amp.

Replacing: 0120468111, 0120468110, 0120468105, 0120468078

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 70.00 B: 28.10 C: 76.30 mm


**112708**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 0123335005, 0123335004, 0123325007, 0123320057, 0123310041

Servicing: Saab

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 119.25 B: 56.00 mm


**W D+**

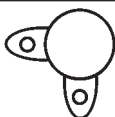
**112709** Alternator 14 V, 120 Amp.

Replacing: 0123510053, 0123510007

Servicing: Ford, VW

B+ M8, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 43.00 B: 14.00 C: 61.00 mm


**112710**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 0123320033

Servicing: Skoda, VW

B+ M8, Terminal W, Grooves 5, Pulley SP/FW, Fan IF

A: 43.00 B: 14.00 C: 61.10 mm


**112712** Alternator 14 V, 90 Amp.

Replacing: 0123335001, 0120485041

Servicing: Audi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 104.65 B: 58.00 mm


**112720** Alternator 14 V, 100 Amp.

Replacing: 0124415010

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 54.00 B: 33.40 C: 57.00 mm

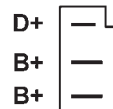

**112725** Alternator 14 V, 70 Amp.

Replacing: 0120469781, 0120469656, 0120469655

Servicing: Ford

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 33.50 B: 13.80 C: 82.30 mm

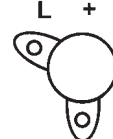

**112727**<sup>#</sup> Alternator 14 V, 55 Amp.

Replacing: 9120144280, 9120144279

Servicing: Seat

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 66.00 B: 39.70 C: 40.00 mm


**112728** Alternator 14 V, 55 Amp.

Replacing: 9120144278, 9120144268, 9120144267

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 102.00 B: 56.00 mm


**112729** Alternator 14 V, 90 Amp.

Replacing: 0120469863, 0120469768, 0120469739, 0120469738, 0120469737, 0120469736, 0120469735, 0120469734

Servicing: Audi, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.00 B: 55.60 mm


**112730** Alternator 14 V, 90 Amp.

Replacing: 0120469899, 0120469754, 0120469713, 0120469660, 0120469659, 0120469566, 0120469559

Servicing: Ford, Porsche

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 35.75 B: 14.00 C: 81.00 mm





**112732** Alternator 28 V, 27 Amp.

Replacing: 0120489886, 0120489885, 0120488268

Servicing: MAN

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 113.85 B: 80.00 mm



**112740** Alternator 14 V, 80 Amp.

Replacing: 0120469759, 0120469758, 0120469757

Servicing: BMW

B+ M8, Grooves 1, Insulated return, Pulley DP, Fan EF

A: 81.50 B: 15.00 C: 56.00 mm



**112747** Alternator 28 V, 55 Amp.

Replacing: 0120469772, 0120469585, 0120469521, 0120469520, 0120469519, 0120469102, 0120469030, 0120469008

Servicing: Deutz-Fahr, Ford, Iveco, KHD

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm



**112734** Alternator 14 V, 80 Amp.

Replacing: 0120469948, 0120469946, 0120469928, 0120469897, 0120469896, 0120469894, 0120469812, 0120469811

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 91.50 B: 56.00 mm



**112742** Alternator 14 V, 90 Amp.

Replacing: 0120469749, 0120469522, 0120469507

Servicing: Valtra, Volvo, Volvo BM

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan w/o

A: 72.50 B: 51.00 mm



**112750** Alternator 14 V, 90 Amp.

Replacing: 0120469953, 0120469889, 0120469888, 0120469839, 0120469832, 0120469823, 0120469822, 0120468122

Servicing: Audi, Seat, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 31.50 B: 14.00 C: 82.00 mm



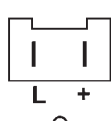
**112735** Alternator 14 V, 45 Amp.

Replacing: 9120690298, 9120690291, 0120489444, 0120489443, 0120489368, 0120489367

Servicing: Audi, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.50 B: 56.30 mm



**112744** Alternator 14 V, 60 Amp.

Replacing: 9120144296, 9120144295

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm



**112753** Alternator 14 V, 55 Amp.

Replacing: 0120489297, 0120489295

Servicing: Volvo

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 93.80 B: 71.00 mm



**112736** Alternator 14 V, 65 Amp.

Replacing: 0120489756

Servicing: Deutz-Fahr, Fahr, Iveco

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.50 B: 56.10 mm



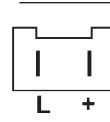
**112746** Alternator 14 V, 80 Amp.

Replacing: 0120469793, 0120469787, 0120469786, 0120469785, 0120469784

Servicing: Volvo

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 93.00 B: 71.00 mm



**112756** Alternator 14 V, 60 Amp.

Replacing: 9120144303, 9120144302

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.00 B: 27.00 C: 65.00 mm




**112757** Alternator 28 V, 55 Amp.

Replacing: 0120469963, 0120469920

Servicing: Scania, Volvo

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 27.50 C: 68.00 mm


W D+ B+


**112759** Alternator 14 V, 90 Amp.

 Replacing: 0120469874, 0120469871,  
 0120469870

Servicing: Ford

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan EF

A: 33.40 B: 14.00 C: 82.00 mm


**112760<sup>#</sup>** Alternator 14 V, 80 Amp.

 Replacing: 0120469685, 0120469684,  
 0120469645, 0120469644

Servicing: Saab

 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 78.00 B: 56.10 mm

**112763** Alternator 14 V, 55 Amp.

 Replacing: 0120489383, 0120489382,  
 0120489005, 0120488265, 0120488239,  
 0120488197

Servicing: Seat, VW

 B+ M8, Grooves 1, Pulley P, Fan EF  
 A: 78.50 B: 56.00 mm

**112764** Alternator 14 V, 90 Amp.

Replacing: 0120469879, 0120469878

Servicing: BMW

 B+ M8, Grooves 1, Pulley P, Fan EF  
 A: 60.80 B: 15.80 C: 80.50 mm

**112765** Alternator 14 V, 90 Amp.

 Replacing: B120500331, B120500330,  
 0120469723, 0120469722, 0120469021

Servicing: VW

 B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 98.95 B: 55.80 mm


**112768** Alternator 14 V, 55 Amp.

 Replacing: 0120489457, 0120489402,  
 0120489019, 0120488195, 0120488194

Servicing: Alfa Romeo, Goldoni

 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 45.00 B: 17.00 C: 70.00 mm


**112771** Alternator 14 V, 90 Amp.

 Replacing: 0120469939, 0120469938,  
 0120469859, 0120469858

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 39.50 B: 14.30 C: 82.00 mm

**112773** Alternator 14 V, 135 Amp.

Replacing: 0120468055

 Servicing: Case, Cummins, John Deere, New  
 Holland

 B+ 7/16x UNC, Terminal W, Pulley w/o,  
 Fan EF

B: 14.22 C: 100.00 mm


**112774** Alternator 14 V, 100 Amp.

 Replacing: 0120468060, 0120468059,  
 0120468058, 0120468057

Servicing: BMW, Mercedes-Benz

 B+ M8, Grooves 6, Pulley SP, Fan EF  
 A: 91.00 B: 56.00 mm

**112775** Alternator 14 V, 70 Amp.

Replacing: 0120488255

Servicing: Mercedes-Benz, Opel, Vauxhall

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 90.00 B: 55.90 mm

**112777** Alternator 14 V, 115 Amp.

 Replacing: 0120468123, 0120468108,  
 0120468070, 0120468052, 0120468044,  
 0120468023, 0120468022, 0120468020

Servicing: Alfa Romeo, Audi, Lancia

 B+ M8, Grooves 1, Pulley P, Fan EF  
 A: 31.00 B: 14.00 C: 83.00 mm



**112779** Alternator 28 V, 35 Amp.

Replacing: 0120489227, 0120489226, 0120488270, 0120488269, 0120488137

Servicing: MAN

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 114.00 B: 80.00 mm



**112780** Alternator 14 V, 90 Amp.

Replacing: 0120469940, 0120469937, 0120469936, 0120469848, 0120469847, 0120469028

Servicing: BMW, Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 48.75 B: 13.00 C: 82.00 mm



**112784** Alternator 28 V, 45 Amp.

Replacing: 0120489303, 0120489060, 0120488643

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 50.00 mm



**112785**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 0120469947, 0120469927

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 91.50 B: 55.80 mm



**112788**<sup>#</sup> Alternator 14 V, 55 Amp.

Replacing: 0120489465

Servicing: Volvo

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.00 B: 71.00 mm



**112793** Alternator 14 V, 70 Amp.

Replacing: 0123110004

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.00 C: 72.00 mm



**112796**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 0120488144

Servicing: VW

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 95.00 B: 56.00 mm



**112797** Alternator 14 V, 90 Amp.

Replacing: 0120469865, 0120469864

Servicing: VW

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 93.50 B: 56.00 mm



**112798** Alternator 14 V, 90 Amp.

Replacing: 0120469972, 0120469971, 0120469012, 0120469011, 0120469002

Servicing: Audi

B+ M8, Grooves 4, Pulley SP, Fan EF

A: 107.00 B: 56.00 mm



**112799** Alternator 14 V, 100 Amp.

Replacing: 0120468119, 0120468085, 0120468084

Servicing: VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 100.00 B: 56.00 mm



**112801**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 0120469910, 0120469909, 0120469017, 0120469016

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 36.00 B: 14.00 C: 82.30 mm



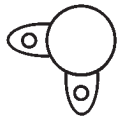
**112803** Alternator 28 V, 80 Amp.

Replacing: 0120468114, 0120468037

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

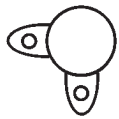
B: 51.00 mm



**112804<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 0120469912, 0120469911  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP, Fan EF  
 A: 67.75 B: 28.00 C: 76.00 mm



**112806** Alternator 14 V, 120 Amp.  
 Replacing: 0123510061, 0123510014,  
 0123505009, 0123505007, 0120465023,  
 0120465022, 0120465008, 0120465007  
 Servicing: Audi, Vauxhall, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 14.10 C: 82.00 mm



**112809<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 0120469005  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP, Fan EF  
 A: 68.35 B: 28.00 C: 76.00 mm



**112810** Alternator 14 V, 65 Amp.  
 Replacing: 0120488262, 0120488261,  
 0120488230  
 Servicing: Volvo  
 B+ M8, Grooves 2, Pulley DP, Fan EF  
 A: 91.00 B: 71.00 mm



**112811<sup>#</sup>** Alternator 14 V, 80 Amp.  
 Replacing: 0120469907, 0120469906  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP, Fan EF  
 A: 68.50 B: 28.00 C: 76.00 mm



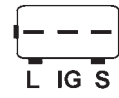
**112812** Alternator 14 V, 140 Amp.  
 Replacing: 0120468098, 0120468014,  
 0120468013  
 Servicing: BMW  
 B+ M8, Grooves 1, Pulley P, Fan EF  
 A: 46.00 B: 16.00 C: 80.00 mm



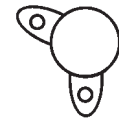
**112813** Alternator 14 V, 65 Amp.  
 Replacing: 0120488231, 0120488229,  
 0120488130  
 Servicing: Volvo  
 B+ M6, Grooves 2, Pulley DP, Fan EF  
 A: 93.80 B: 71.00 mm



**112815** Alternator 14 V, 80 Amp.  
 Replacing: 0120469993, 0120469992  
 Servicing: Volvo  
 B+ M8, Terminal W, Grooves 2,  
 Pulley DP, Fan EF  
 A: 93.60 B: 71.00 mm



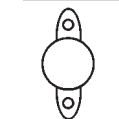
**112860** Alternator 14 V, 80 Amp.  
 Replacing: 0123325014, 0123325012,  
 0123325002  
 Servicing: GEO, Toyota  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Replacing: CS121.  
 A: 52.00 B: 28.00 C: 42.00 mm



**113154<sup>#</sup>** Alternator 14 V, 110 Amp.  
 Replacing: 0123505017, 0123500002  
 Servicing: Saab  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 87.00 B: 56.00 mm



**113186** Alternator 28 V, 55 Amp.  
 Replacing: 0120469032  
 Servicing: Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 Heavy duty version: Cargo 113650. 80 A.  
 B: 13.80 C: 83.00 mm



**113187** Alternator 14 V, 85 Amp.  
 Replacing: 0120484009  
 Servicing: Citroen, Ferrari, Fiat, Lancia  
 B+ M6, Pulley w/o, Fan w/o  
 B: 17.00 C: 70.10 mm



W 15DFM



**113188** Alternator 28 V, 70 Amp.

Replacing: 0124555005

Servicing: Iveco

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 14.10 C: 80.90 mm



**113252** Alternator 14 V, 140 Amp.

Replacing: 0124525089, 0124525010

Servicing: Audi, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 29.50 B: 14.50 C: 61.50 mm



**113263<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: 0124415012, 0124325146

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 58.25 B: 25.10 C: 70.60 mm



**113264** Alternator 14 V, 140 Amp.

Replacing: 0124525022, 0124525012

Servicing: Holden, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.60 C: 57.30 mm



**113272** Alternator 14 V, 140 Amp.

Replacing: 0124525029, 0124525014, 0124525001

Servicing: Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 44.00 B: 20.00 C: 82.00 mm



**113273** Alternator 14 V, 140 Amp.

Replacing: 0124525016

Servicing: Saab

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 118.40 B: 56.00 mm



**113274** Alternator 14 V, 200 Amp.

Replacing: 0124625002

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 31.00 B: 93.35 C: 35.35 mm



**113275** Alternator 14 V, 120 Amp.

Replacing: 0124515022

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 38.90 B: 14.25 C: 61.35 mm



**113279** Alternator 14 V, 110 Amp.

Replacing: 0124325053

Servicing: Fiat, Iveco

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 40.25 B: 13.90 C: 81.25 mm



**113280** Alternator 14 V, 90 Amp.

Replacing: 0124325052, 0124320002

Servicing: Renault V.I.

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.75 B: 13.70 C: 81.10 mm



**113283** Alternator 14 V, 120 Amp.

Replacing: 0124515034, 0124515027, 0124515024

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 34.25 B: 14.00 C: 82.00 mm

W 15DFM



**113284** Alternator 28 V, 100 Amp.

Replacing: 0124655039, 0124655037, 0124655036, 0124655003, 0124555041, 0124555040, 0124555003

Servicing: DAF

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 80.50 mm

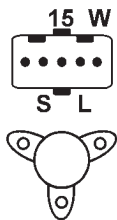

**113285** Alternator 14 V, 75 Amp.

Replacing: B120416351, 0124315100, 0124315027, 0124315019

Servicing: Ford

B+ M6, Grooves 7, Pulley SP/FW, Fan IF w/ single pulley: Cargo 113544.

A: 38.60 B: 55.25 C: 74.50 mm


**113289** Alternator 28 V, 90 Amp.

Replacing: 0123525501

Servicing: MAN, Neoplan

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 80.20 mm

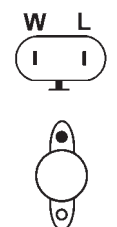

**113290** Alternator 14 V, 95 Amp.

Replacing: 0120484024, 0120484022

Servicing: Fendt

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm

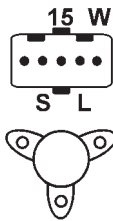

**113291** Alternator 14 V, 55 Amp.

Replacing: 9120334641, 6033GB4009

Servicing: Nissan

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 39.30 B: 13.40 C: 80.00 mm


**113295** Alternator 28 V, 55 Amp.

Replacing: 0123325500

Servicing: MAN

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 80.25 mm


**113296** Alternator 14 V, 80 Amp.

Replacing: 0124315029, 0124315024, 0124315016

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.45 B: 17.85 C: 40.00 mm


**113298** Alternator 14 V, 105 Amp.

Replacing: 0124415030, 0124415016

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 56.00 C: 75.00 mm


**113300** Alternator 14 V, 120 Amp.

Replacing: 0124515046

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm


**113301** Alternator 14 V, 90 Amp.

Replacing: 0124325045

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 91.50 B: 56.00 mm


**113302** Alternator 14 V, 120 Amp.

Replacing: 0124515132, 0124515056

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 82.00 B: 56.00 mm


**113304#** Alternator 14 V, 120 Amp.

Replacing: 0124515049

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.80 B: 33.30 C: 59.30 mm

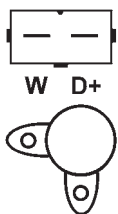

**113340** Alternator 14 V, 70 Amp.

Replacing: 0124315032, 0124315001

Servicing: Audi, Seat, Skoda, VW

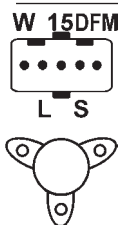
B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 39.00 B: 14.00 C: 62.00 mm



**113341**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: 0123310035  
 Servicing: Audi, Skoda, VW  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 39.00 B: 13.90 C: 61.80 mm



**113351** Alternator 28 V, 100 Amp.

Replacing: 0124655023, 0124655016,  
 0124655004, 0124655002, 0124655001,  
 0124555032, 0124555023, 0124555022  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 80.00 mm



**113352** Alternator 14 V, 120 Amp.

Replacing: 0124515095, 0124515033,  
 0124425056, 0124425053, 0124425019,  
 0124425004, 0124415026, 0124415025  
 Servicing: Holden, Opel, Vauxhall  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 31.50 B: 79.50 C: 57.00 mm



**113376** Alternator 14 V, 55 Amp.

Replacing: 0120489769, 0120489768,  
 0120489636, 0120489635, 0120489626,  
 0120489625, 0120489586, 0120489585  
 Servicing: Bedford, Lancia, Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm



**113442** Alternator 14 V, 90 Amp.

Replacing: 0123320062, 0123320047  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP/FW, Fan IF  
 A: 82.00 B: 56.00 mm



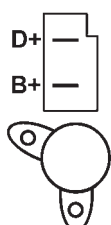
**113447** Alternator 14 V, 70 Amp.

Replacing: 0123310054, 0123310050,  
 0123310023  
 Servicing: Ford, Mazda  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.00 B: 13.90 C: 80.20 mm



**113448** Alternator 28 V, 100 Amp.

Replacing: 6033GB3083, 6033GB3023,  
 6033GB3010, 0120501151, 0120468145,  
 0120468143  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm



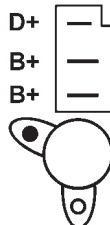
**113469** Alternator 14 V, 33 Amp.

Replacing: 0120339526  
 Servicing: Marshall, Steyr  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
*Dust proof.*  
 A: 75.50 B: 55.90 mm



**113470** Alternator 28 V, 35 Amp.

Replacing: 0120488283, 0120488234,  
 0120488153  
 Servicing: Iveco, KHD, Liebherr  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan w/o  
 A: 77.00 B: 55.80 mm



**113474** Alternator 14 V, 65 Amp.

Replacing: 9124476014  
 Servicing: Austin, Landini, Massey Ferguson,  
 Rover  
 B+ Plug, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 35.90 B: 11.00 C: 82.55 mm



**113485** Alternator 14 V, 80 Amp.

Replacing: 0123310010  
 Servicing: Citroen, Fiat, Lancia, Peugeot,  
 Suzuki  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



**113486** Alternator 14 V, 90 Amp.

Replacing: 0123320058, 0123320035  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 91.85 B: 56.00 mm




**113488** Alternator 28 V, 140 Amp.

Replacing: 0120689572, 0120689546, 0120689542, 0120689523

Servicing: DAF

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.

B: 15.50 C: 180.00 mm


**113489** Alternator 14 V, 150 Amp.

Replacing: 0123520017, 0123520013, 0123520012, 0123520011, 0123520006

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 82.30 B: 56.00 mm



L DFM


**113510** Alternator 14 V, 140 Amp.

Replacing: 0124615007, 0124525087, 0124525008

Servicing: Audi, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 30.00 B: 14.10 C: 82.00 mm


**113514**<sup>#</sup> Alternator 28 V, 65 Amp.

Replacing: 6033GB3035, 0120468132

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 22.80 C: 68.70 mm


**113531** Alternator 14 V, 120 Amp.

Replacing: F005A00025, 9120060042, 1020484017, 0120484019, 0120484017, 0120484012

Servicing: John Deere

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 56.20 mm


**113536** Alternator 14 V, 90 Amp.

Replacing: 0124325148, 0124325060

Servicing: Alfa Romeo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.50 B: 16.90 C: 54.30 mm



F1 F2


**113564**<sup>#</sup> Alternator 14 V, 136 Amp.

Replacing: 0124525004

Servicing: Dodge

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 33.50 B: 13.00 C: 54.00 mm



F1 F2

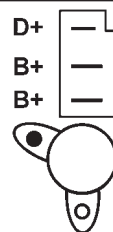

**113568**<sup>#</sup> Alternator 14 V, 136 Amp.

Replacing: 6004ML0002

Servicing: Dodge

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 33.50 B: 12.85 C: 54.00 mm


**113574** Alternator 14 V, 65 Amp.

Replacing: 0120489959, 0120489958

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm


**113576**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: 0123315004, 0120488220, 0120488219

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan IF

A: 71.50 B: 15.80 C: 80.50 mm


**113611** Alternator 14 V, 90 Amp.

Replacing: 0120469895, 0120469687, 0120469540, 0120469526, 0120469506, 0120469013

Servicing: Claas, Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 81.30 mm


**113624**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: 0120488129

Servicing: Ford

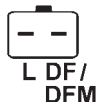
B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.75 C: 82.95 mm


**113632** Alternator 14 V, 85 Amp.

Replacing: 012060040, 0120489317, 0120489156, 0120488217, 0120484020, 0120484016, 0120484003, 0120484002

Servicing: John Deere, Lada

 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 56.10 mm

**113640** Alternator 14 V, 150 Amp.

Replacing: 0124525035

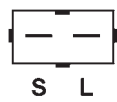
Servicing: Citroen, Fiat, Lancia, Peugeot

 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.00 B: 21.20 C: 45.80 mm

**113707** Alternator 14 V, 200 Amp.

Replacing: 0124625031

Servicing: John Deere

 B+ M8, Pulley w/o, Fan IF  
 B: 56.00 mm

**113716** Alternator 14 V, 90 Amp.

Replacing: F005A00020, 9120060038, 9120060028, 9120060023, 0120488296, 0120484049

Servicing: Thermo King, Yanmar

 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 51.00 mm

**113751** Alternator 14 V, 120 Amp.

Replacing: 0124515058, 0124515040, 0124515028

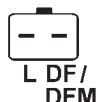
Servicing: Audi, VW

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 82.00 mm

**113754** Alternator 14 V, 120 Amp.

Replacing: B120516076, 0124515068, 0124515038, 0124515021, 0124515020, 0124515013

Servicing: Volvo, VW

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 14.10 C: 61.20 mm

**113755** Alternator 14 V, 150 Amp.

Replacing: 0124525034

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.00 B: 21.00 C: 45.10 mm

**113758** Alternator 14 V, 120 Amp.

Replacing: 0123515024, 0123515012, 0123510028, 0120468109

Servicing: Audi, Skoda, VW

 B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 13.90 C: 81.70 mm

**113770** Alternator 14 V, 120 Amp.

Replacing: 0123515003

Servicing: Audi, VW

B+ M8, Terminal DF, Grooves 5, Pulley SP/FW, Fan IF

A: 29.00 B: 14.00 C: 60.60 mm


**113783<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 0123310047, 0123310044, 0123310043, 0123310022

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 35.50 B: 13.20 C: 82.60 mm


**113786** Alternator 14 V, 90 Amp.

Replacing: 9120335002, 6033GB5009, 6033GB5007

Servicing: Nissan

 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 41.50 B: 13.20 C: 80.70 mm

**113831** Alternator 14 V, 70 Amp.

Replacing: 0123310006

Servicing: BMW

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 47.00 B: 24.00 C: 73.60 mm


**113832** Alternator 14 V, 90 Amp.

Replacing: 0124325010, 0123315018, 0123315017, 0123315015, 0123315008

Servicing: Mitsubishi

B+ M8, Grooves 4, Pulley SP

A: 46.00 C: 65.00 mm


**B+ D+ DF**

**113833** Alternator 14 V, 90 Amp.

Replacing: 0123320067, 0123320050

Servicing: Ford

 B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF  
*DF M5.*

A: 33.00 B: 13.80 C: 78.60 mm


**L**

**113835** Alternator 14 V, 120 Amp.

Replacing: 0124515131, 0124515055

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 82.40 B: 56.05 mm


**113836** Alternator 14 V, 120 Amp.

Replacing: 0124515090, 0124515087

Servicing: Alfa Romeo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 29.50 B: 14.50 C: 59.00 mm


**L DF/DFM**

**113837** Alternator 14 V, 150 Amp.

Replacing: 0124525141, 0124525133, 0124525084, 0124525044

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8x1.25/15.00, Grooves 7, Pulley SP

A: 33.00 B: 14.30 C: 60.00 mm

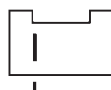

**113838** Alternator 14 V, 55 Amp.

Replacing: 0120489337, 0120489336, 0120489335, 0120489334

Servicing: Alfa Romeo, Iveco, Mazda

 B+ M6, Grooves 1, Pulley P, Fan EF  
*Pulley width: 9.50 mm.*

A: 49.00 B: 17.20 C: 69.80 mm


**L**

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**113839** Alternator 14 V, 70 Amp.

Replacing: 0120489490, 0120488142

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP

A: 46.50 B: 27.00 C: 70.00 mm


**113848** Alternator 14 V, 120 Amp.

Replacing: 0123510095, 0123510048

Servicing: Alfa Romeo, Lancia

B+ M8, Grooves 6, Pulley SP

A: 39.00 C: 60.00 mm


**COM**

**113858** Alternator 14 V, 150 Amp.

Replacing: 12377541696, 0124525080, 0124525026

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 77.00 mm


**113864** Alternator 14 V, 90 Amp.

Replacing: 0120469919, 0120469918, 0120469914, 0120469913

Servicing: BMW

B+ M8, Pulley w/o, Fan w/o

B: 16.00 C: 79.85 mm


**113865** Alternator 14 V, 90 Amp.

Replacing: 0123545002, 0123500005, 0123213007, 0120465018

Servicing: BMW, Volvo

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 92.50 B: 71.00 mm


**D+**
**B+**
**B+**

**113866** Alternator 14 V, 55 Amp.

Replacing: 0120489333, 0120489331

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan IF

A: 91.85 B: 56.20 mm




**113867** Alternator 14 V, 120 Amp.

Replacing: 0123510088, 0123510033, 0123510015, 0123505008

Servicing: Audi

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 81.60 mm


**113869** Alternator 14 V, 115 Amp.

Replacing: 0123510102, 0123510058, 0123510044

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 82.00 B: 56.00 mm


**113870** Alternator 14 V, 70 Amp.

Replacing: 0124315007

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.80 B: 14.00 C: 60.95 mm


**113871** Alternator 14 V, 150 Amp.

Replacing: 0124525059, 0124525045, 0124525042, 0124515098, 0124325072, 0124325062

Servicing: BMW, Porsche

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 29.60 B: 62.85 C: 41.65 mm


**113873** Alternator 14 V, 70 Amp.

Replacing: 0124315013

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 39.00 B: 13.75 C: 61.00 mm


**113874** Alternator 14 V, 110 Amp.

Replacing: 0124325160, 0124325127, 0124325125, 0124325081, 0124325056

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.30 B: 14.15 C: 61.15 mm


**113875** Alternator 14 V, 110 Amp.

Replacing: 0124325050

Servicing: VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.30 B: 14.00 C: 60.90 mm


**113876**<sup>#</sup> Alternator 14 V, 55 Amp.

Replacing: 0120488133, 0120488132

Servicing: Mercedes-Benz

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm


**113877** Alternator 14 V, 120 Amp.

Replacing: 0124515088

Servicing: Mercedes-Benz

B+ M8, Grooves 7, Pulley SP/FW, Fan IF

A: 30.50 B: 69.90 C: 56.55 mm


**113878** Alternator 14 V, 120 Amp.

Replacing: 0124515059

Servicing: Audi, BMW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 28.00 B: 70.00 C: 56.00 mm


**113879** Alternator 14 V, 100 Amp.

Replacing: 0124415005, 0124225023, 0124225004

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.50 B: 33.50 C: 57.00 mm

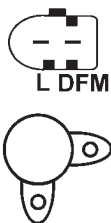

**113882** Alternator 14 V, 120 Amp.

Replacing: 0124515025

Servicing: Audi, VW

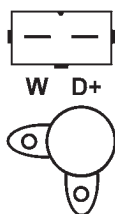
B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 34.40 B: 14.00 C: 82.60 mm


**113884** Alternator 14 V, 150 Amp.

Replacing: 0124615040, 0124615038, 0124615017, 0124615006, 0124525128, 0124525098

Servicing: Ford, Seat, VW

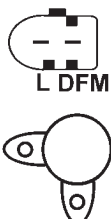
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 38.50 B: 14.35 C: 59.00 mm

**113885** Alternator 14 V, 150 Amp.

Replacing: 0123520002

Servicing: Audi, Ford, Mercedes-Benz, Seat, VW

B+ M8, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 42.85 B: 14.15 C: 61.00 mm


**113887** Alternator 14 V, 90 Amp.

Replacing: 0124325074, 0124325011

Servicing: Audi

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm


**113888** Alternator 14 V, 90 Amp.

Replacing: 0124325097, 0124325035, 0124325022, 0124325021

Servicing: VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm


**113889** Alternator 14 V, 90 Amp.

Replacing: 0124325105, 0124325093, 0124325046, 0124325039, 0123320065, 0123320051

Servicing: Mercedes-Benz

 B+ M8, Terminal W, Pulley w/o, Fan IF  
 Pulley: Cargo 230292.

B: 70.00 C: 56.50 mm


**113894#** Alternator 14 V, 110 Amp.

Replacing: 0120468028

Servicing: Case

B+ 7/16« UNC, Terminal W, Pulley w/o, Fan EF

B: 14.20 C: 100.00 mm


**113895** Alternator 28 V, 80 Amp.

Replacing: 6033GB3045

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**113899** Alternator 14 V, 150 Amp.

Replacing: 0124615029, 0123515502

Servicing: John Deere

B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF

A: 86.00 B: 56.00 mm


**113913** Alternator 14 V, 124 Amp.

Replacing: 0124325100

Servicing: Ford

B+ M6, Grooves 7, Pulley SP/FW, Fan IF

A: 40.00 B: 55.00 C: 74.00 mm


**113920** Alternator 28 V, 35 Amp.

Replacing: 0120488291, 0120488278, 0120488277, 0120488256, 0120400728

Servicing: MAN, Mercedes-Benz, Padane

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.40 mm


**113923** Alternator 28 V, 90 Amp.

Replacing: 0123525503, 0123525500

Servicing: Iveco

B+ M8, Grooves 10, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm


**113942** Alternator 14 V, 100 Amp.

Replacing: 0124415015

Servicing: Alfa Romeo, Fiat, Lancia

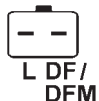
B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.60 C: 54.27 mm



**113944** Alternator 14 V, 200 Amp.

Replacing: 0124625019  
 Servicing: Mercedes-Benz  
 B+ M8, Pulley w/o, Fan IF  
 B: 93.00 mm



**113945** Alternator 14 V, 150 Amp.

Replacing: 0124525028  
 Servicing: Renault  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 60.00 mm



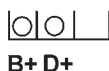
**113949** Alternator 14 V, 150 Amp.

Replacing: 0123515503, 0123515501, 0123515500  
 Servicing: Claas, John Deere  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**113951** Alternator 14 V, 200 Amp.

Replacing: 0124625006  
 Servicing: Mercedes-Benz  
 B+ M8, Pulley w/o, Fan IF  
 B: 70.00 C: 56.00 mm



**113955** Alternator 14 V, 105 Amp.

Replacing: 0124425100  
 Servicing: Fiat, Opel, Vauxhall  
 B+ M8, Pulley w/o, Fan IF  
 B: 61.00 mm



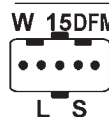
**113958** Alternator 14 V, 150 Amp.

Replacing: 0121615002  
 Servicing: Citroen, Fiat, Ford, Peugeot  
 B+ M8, Pulley w/o, Fan IF  
 B: 92.80 C: 74.00 mm



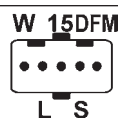
**113992** Alternator 14 V, 140 Amp.

Replacing: 0124525102, 0124525092, 0124525091, 0124525067, 0124525066, 0124525050, 0124525039  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.60 C: 61.30 mm



**113998** Alternator 28 V, 110 Amp.

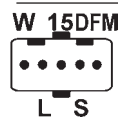
Replacing: 0124655011, 0124655009  
 Servicing: MAN  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 79.50 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114007\*** Alternator 28 V, 80 Amp.

Replacing: 0124555013  
 Servicing: MAN  
 Pulley w/o, Fan IF



**114008** Alternator 28 V, 80 Amp.

Replacing: 0124555014  
 Servicing: MAN  
 B+ M8, Pulley w/o, Fan IF  
 B: 80.00 mm



**114019** Alternator 14 V, 110 Amp.

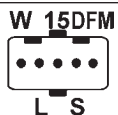
Replacing: 0124325178  
 Servicing: LDV  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 61.10 mm



**114027** Alternator 14 V, 110 Amp.

Replacing: 0124325051  
 Servicing: VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 61.00 mm



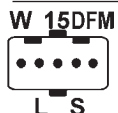

**114028** Alternator 28 V, 80 Amp.

Replacing: 0124555008

Servicing: Scania

B+ M8, Terminal W, Grooves 8, Pulley SP, Fan IF

A: 18.50 B: 85.00 C: 35.50 mm


**114036** Alternator 28 V, 100 Amp.

Replacing: 0124655006, 0124555006

Servicing: DAF

B+ M8, Grooves 8, Pulley SP, Fan IF

A: 37.00 B: 14.00 C: 80.00 mm


**114040** Alternator 14 V, 85 Amp.

Replacing: 0124225037, 0124225020

Servicing: Smart (MCC)

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


**114076** Alternator 14 V, 120 Amp.

Replacing: 0124425026

Servicing: Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 32.00 B: 79.00 C: 56.00 mm

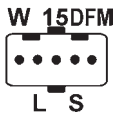

**114088** Alternator 14 V, 140 Amp.

Replacing: 0124425097, 0124425059

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 112.00 B: 18.80 mm


**114089** Alternator 28 V, 80 Amp.

Replacing: 0124555018

Servicing: Bova, DAF, Solaris

Terminal W, Fan IF

B: 97.00 C: 41.50 mm


**114109** Alternator 14 V, 180 Amp.

Replacing: 0124625028, 0121715003

Servicing: Audi, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.50 C: 60.60 mm

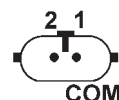

**114122** Alternator 14 V, 150 Amp.

Replacing: 0124525135, 0124525049, 0124525043

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 32.50 B: 14.50 C: 60.80 mm


**114131** Alternator 14 V, 90 Amp.

Replacing: 0124325186, 0124325139, 0124325102

Servicing: Renault

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 32.00 B: 14.25 C: 61.00 mm


**114200** Alternator 14 V, 100 Amp.

Replacing: 0124325108

Servicing: Mini

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 18.50 B: 81.00 mm


**114211\*** Alternator 14 V, 200 Amp.

Replacing: 0124625030, 0124625029

Servicing: John Deere

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**114212** Alternator 28 V, 110 Amp.

Replacing: 0124655019, 0124655012, 0124655008, 0124555028, 0124555027, 0124555020, 0124555017, 0124555009

Servicing: Renault V.I., Volvo

B+ M8, Pulley w/o, Fan IF

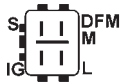
B: 17.50 C: 54.20 mm



DFM L

**NEW PRODUCT**  
www.hc-cargo.com

**114257** Alternator 14 V, 140 Amp.  
Replacing: 0124525017  
Servicing: Saab  
B+ M8, Pulley w/o, Fan IF  
B: 79.00 C: 55.00 mm



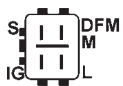
**114291** Alternator 14 V, 90 Amp.  
Replacing: 0124225055  
Servicing: Toyota  
B+ M6, Pulley w/o, Fan IF  
B: 16.43 C: 41.24 mm



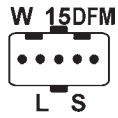
W 15DFM

**NEW PRODUCT**  
www.hc-cargo.com

**114296\*** Alternator 28 V, 90 Amp.  
Replacing: 0124655005  
Servicing: Ginaf, Iveco  
B+ M8, Pulley w/o, Fan IF  
B: 14.00 C: 81.00 mm



**114311** Alternator 14 V, 90 Amp.  
Replacing: 0124225051  
Servicing: Toyota  
B+ M6, Grooves 6, Pulley SP, Fan IF  
A: 29.60 B: 19.30 C: 37.00 mm



W 15DFM

**NEW PRODUCT**  
www.hc-cargo.com

**114314\*** Alternator 28 V, 110 Amp.  
Replacing: 0124655014  
Servicing: Bova, DAF, Solaris  
B+ M8, Pulley w/o, Fan IF  
B: 97.00 C: 40.00 mm



COM

**NEW PRODUCT**  
www.hc-cargo.com

**114322\*** Alternator 14 V, 140 Amp.  
Replacing: 0124525114  
Servicing: Audi  
Grooves 6, Pulley SP/FW, Fan IF



L DF/DFM



**114353** Alternator 14 V, 150 Amp.  
Replacing: 0124525047  
Servicing: Renault  
B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 33.00 B: 14.20 C: 60.20 mm



L DF/DFM



**114354** Alternator 14 V, 150 Amp.  
Replacing: 0124525140, 0124525082  
Servicing: Nissan, Renault  
B+ M8, Grooves 6, Pulley SP/FW  
A: 33.00 B: 14.00 C: 61.00 mm



**114355** Alternator 28 V, 55 Amp.  
Replacing: 9120060033  
Servicing: Various  
B+ M8, Terminal W, Grooves 2, Pulley DP  
A: 50.00 B: 20.00 mm



**114365** Alternator 28 V, 140 Amp.  
Replacing: 0120689553  
Servicing: Deutz-Fahr, KHD, MAN  
B+ M8, Terminal W, Pulley w/o, Fan EF  
B: 15.00 C: 180.00 mm



**114379** Alternator 14 V, 150 Amp.  
Replacing: 0124615043  
Servicing: John Deere  
B+ M8, Pulley w/o, Fan IF  
B: 56.30 mm

**NEW PRODUCT**  
www.hc-cargo.com

**114392\*** Alternator 14 V, 90 Amp.  
Replacing: 0124325170  
Servicing: Mercedes-Benz  
Fan IF



**114413** Alternator 14 V, 85 Amp.

Replacing: 9120484038, 9120060891, 9120060031

Servicing: Chevrolet, Holden

B+ M8, Terminal W, Grooves 1, Pulley P

A: 30.50 B: 16.00 mm



**114431** Alternator 14 V, 120 Amp.

Replacing: 0124425005

Servicing: Alfa Romeo, Fiat, Holden, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 64.70 B: 23.00 C: 57.20 mm

**NEW PRODUCT**  
www.hc-cargo.com

**114452\*** Alternator 14 V, 150 Amp.

Replacing: 0123520022

Servicing: Land Rover

Grooves 7, Pulley SP, Fan IF



**NEW PRODUCT**  
www.hc-cargo.com

**114453\*** Alternator 14 V, 180 Amp.

Replacing: 0124625010

Servicing: VW

Grooves 6, Pulley SP/FW, Fan IF

A: 39.0 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114454\*** Alternator 14 V, 180 Amp.

Replacing: 0124625023

Servicing: Mercedes-Benz

Grooves 6, Pulley SP, Fan IF



**NEW PRODUCT**  
www.hc-cargo.com

**114463\*** Alternator 14 V, 120 Amp.

Replacing: 0124425071, 0124425037, 0124425029, 0124425013

Servicing: Renault

Grooves 6, Pulley SP/FW, Fan IF

A: 38.0 mm

**NEW PRODUCT**  
www.hc-cargo.com

**114466\*** Alternator 14 V, 55 Amp.

Replacing: 0124120001

Servicing: VM Motori

Grooves 2, Pulley DP, Fan IF



**NEW PRODUCT**  
www.hc-cargo.com

**114510\*** Alternator 14 V, 120 Amp.

Replacing: 0124425096, 0124425058

Grooves 6, Pulley SP/FW, Fan IF





**111388** Alternator 14 V, 100/105 Amp.

Replacing: 390555, 296028

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS130.

A: 73.00    B: 51.00 mm


**110043** Alternator 28 V, 45 Amp.

Replacing: 858772Z

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm

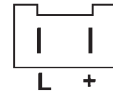

**110173** Alternator 28 V, 75 Amp.

Replacing: LNA7524/1, LNA7524, 859866Z

Servicing: Clark, DAF

B+ M8, Insulated return, Pulley w/o, Fan EF

B: 14.50 C: 101.50 mm


**110889** Alternator 14 V, 75 Amp.

Replacing: 860140

Servicing: Renault, Renault V.I.

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 57.90 B: 26.90 C: 69.00 mm


**110077** Alternator 14 V, 50 Amp.

Replacing: 860150, 858885

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm


**110175** Alternator 28 V, 100 Amp.

Replacing: 859490PB

Servicing: Volvo Penta

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

Fan: Cargo 134317. Pulley: Cargo 131176.

B: 14.75 C: 99.75 mm


**110895** Alternator 28 V, 55 Amp.

Replacing: 859820

Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm


**110113** Alternator 28 V, 27 Amp.

Replacing: 857479, 857475

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm


**110176** Alternator 28 V, 175 Amp.

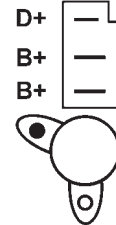
Replacing: 859477PB, 859477B

Servicing: Volvo Penta

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

Pulley: Cargo 131176.

B: 14.75 C: 101.50 mm


**110968** Alternator 14 V, 70 Amp.

Replacing: 858787

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.00 C: 82.00 mm


**110116** Alternator 28 V, 35 Amp.

Replacing: 860155, 859020, 858773

Servicing: DAF, Ford, MAN

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm

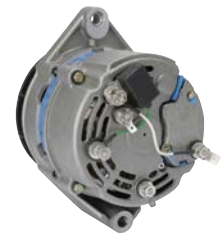

**110643** Alternator 28 V, 40 Amp.

Replacing: LNA4024/8, LNA4024/0, A4024/15, A3024/13, A3024/33, A3024/30, A3024/13, 859673, 859385, 857606

Servicing: Butec

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 75.90 mm


**111295** Alternator 28 V, 55 Amp.

Replacing: LNA5524/7, LNA5524/3, LNA5524/2, LNA5524/1, LNA5524/0, A5524/58, A5524/56, A5524/46, A5524/37

Servicing: Cummins, Perkins

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

Shaft dia. 19 mm.

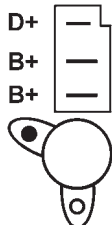
B: 76.25 mm


**111296** Alternator 28 V, 55 Amp.

Replacing: A5524/49, A5524/39, 858619, 857645, 857623, 857601

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan w/o

B: 76.00 mm


**111355** Alternator 14 V, 65 Amp.

Replacing: 858776

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm


**111568** Alternator 14 V, 85 Amp.

Replacing: 859023

Servicing: Citroen, Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40.50 B: 22.50 C: 82.00 mm


**111629** Alternator 28 V, 120 Amp.

Replacing: 860170, 860166

Servicing: MAN, Mercedes-Benz, Setra

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm. Heavy duty type: Cargo 113589. 180 Amp.

B: 15.00 C: 180.00 mm


**111746** Alternator 28 V, 90 Amp.

Replacing: 860551

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 14.50 C: 100.00 mm


**111808** Alternator 28 V, 120 Amp.

Replacing: 880638Z

Servicing: Volvo

B+ M10, Terminal W, Pulley w/o, Fan EF

Fan EF


**111834** Alternator 28 V, 55 Amp.

Replacing: 858882

Servicing: Scania

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 Heavy duty type: Cargo 112182. 80 Amp.

B: 80.00 mm


**111886** Alternator 28 V, 65 Amp.

Replacing: 860306

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 23.25 C: 68.70 mm


**111972<sup>#</sup>** Alternator 28 V, 115 Amp.

Replacing: 880640Z

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 22.00 C: 109.50 mm


**111975<sup>#</sup>** Alternator 14 V, 115 Amp.

Replacing: 880703Z, 880703

Servicing: Volvo

B+ M12, Pulley w/o, Fan EF

B: 22.00 C: 110.00 mm


**111976** Alternator 28 V, 180 Amp.

Replacing: 880704Z

Servicing: Ikarus, Volvo

B+ M12, Terminal W, Pulley w/o, Fan EF

B: 22.00 C: 110.00 mm


**112017<sup>#</sup>** Alternator 28 V, 80 Amp.

Replacing: 880726Z, 880636Z

Servicing: Volvo

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 Regulator: Cargo 131140.





**112019<sup>#</sup>** Alternator 28 V, 180 Amp.  
 Replacing: 880718Z  
 Servicing: Cummins, Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 22.00 C: 110.00 mm



**112076** Alternator 28 V, 80 Amp.  
 Replacing: 860560, 860134  
 Servicing: Iveco, Renault V.I., Scania  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm



**112159** Alternator 28 V, 80 Amp.  
 Replacing: 860558, 860151  
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.40 mm



**112343** Alternator 28 V, 140 Amp.  
 Replacing: 860138  
 Servicing: Renault V.I., Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.  
 B: 15.75 C: 182.00 mm



**112345** Alternator 28 V, 55 Amp.  
 Replacing: 860135, 858880  
 Servicing: Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan w/o  
 B: 51.50 mm



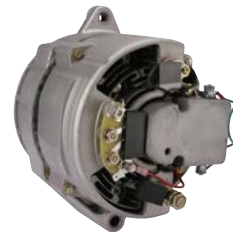
**112493** Alternator 28 V, 65 Amp.  
 Replacing: 860568  
 Servicing: Case  
 B+ M12, Terminal W, Pulley w/o, Fan EF  
 B: 14.00 C: 100.00 mm



**112561** Alternator 28 V, 80 Amp.  
 Replacing: 860559  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm

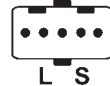


**112803** Alternator 28 V, 80 Amp.  
 Replacing: 860562, 859983  
 Servicing: Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 51.00 mm



**113342** Alternator 28 V, 95 Amp.  
 Replacing: 869371, 860323  
 Servicing: Sabre  
 B+ M8, Pulley w/o, Fan EF  
 B: 76.20 mm

W 15DFM



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114296\*** Alternator 28 V, 90 Amp.  
 Replacing: 860810  
 Servicing: Ginaf, Iveco  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 81.00 mm


**110043** Alternator 28 V, 45 Amp.

Replacing: 2998056

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110112** Alternator 28 V, 40 Amp.

Replacing: 2998054

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm


**110116** Alternator 28 V, 35 Amp.

Replacing: 2998055

Servicing: DAF, Ford, MAN

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**111295** Alternator 28 V, 55 Amp.

Replacing: AC5RS-24, 1268690, 1268660, 1268650, 1268630M, 1268620, 1268610, 1268600M, 1268590M, 1268590C

Servicing: Cummins, Perkins

 B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF  
 Shaft dia. 19 mm.

B: 76.25 mm


**111578** Alternator 14 V, 60 Amp.

Replacing: S11524-18X

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 89.50 B: 58.25 mm


**111629** Alternator 28 V, 120 Amp.

Replacing: 1277640

Servicing: MAN, Mercedes-Benz, Setra

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm. Heavy duty type: Cargo 113589. 180 Amp.

B: 15.00 C: 180.00 mm


**111808** Alternator 28 V, 120 Amp.

Replacing: AC203R11524-12, 1285505

Servicing: Volvo

B+ M10, Terminal W, Pulley w/o, Fan EF


**111810** Alternator 14 V, 60 Amp.

Replacing: 1268030

 B+ 1/4« UNF, Insulated return, Pulley w/o, Fan EF  
 Shaft dia. 19 mm.

B: 76.10 mm


**111833** Alternator 28 V, 140 Amp.

Replacing: 1277670

 Servicing: Drögmöller, Mercedes-Benz, Setra  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm. Heavy duty type: Cargo 113589. 180 Amp.

B: 15.70 C: 180.00 mm


**111842** Alternator 28 V, 140 Amp.

Replacing: 1277720, 1277690

Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.

B: 15.00 C: 180.00 mm


**111859**<sup>#</sup> Alternator 28 V, 120 Amp.

Replacing: 1277970

Servicing: Kässbohrer, Setra

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.

B: 15.50 C: 180.00 mm


**111972**<sup>#</sup> Alternator 28 V, 115 Amp.

Replacing: AC203R11524-29, AC203R11524-26, AC203R11524-22, 1285531, 1285529, 1285523

Servicing: Volvo

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 22.00 C: 109.50 mm



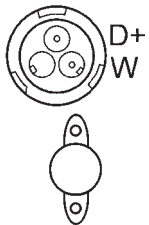
**111975<sup>#</sup>** Alternator 14 V, 115 Amp.

Replacing: 1286010, 1286000

Servicing: Volvo

B+ M12, Pulley w/o, Fan EF

B: 22.00 C: 110.00 mm



**111976** Alternator 28 V, 180 Amp.

Replacing: AC203RA

Servicing: Ikarus, Volvo

B+ M12, Terminal W, Pulley w/o, Fan EF

B: 22.00 C: 110.00 mm



**112017<sup>#</sup>** Alternator 28 V, 80 Amp.

Replacing: AC203/80/24, 1284105

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

Regulator: Cargo 131140.



**112019<sup>#</sup>** Alternator 28 V, 180 Amp.

Replacing: 1285622

Servicing: Cummins, Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 22.00 C: 110.00 mm



**112097** Alternator 28 V, 30 Amp.

Replacing: 2998230

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 73.00 mm



**112343** Alternator 28 V, 140 Amp.

Replacing: 1277680

Servicing: Renault V.I., Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B- M8, shaft 30 mm.

B: 15.75 C: 182.00 mm



**112392** Alternator 28 V, 140 Amp.

Replacing: 1277750, 1277610

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 15.50 C: 181.25 mm





**110074** Alternator 14 V, 60 Amp.

Replacing: 3000011, 3000010, 2875844, 2642121

Servicing: Chrysler, Dodge, Plymouth  
B+ 1/4« UNC, Grooves 2, Pulley DP, Fan IF

Regulator: Cargo 130504.

A: 31.00 B: 12.80 C: 60.50 mm



**110236** Alternator 14 V, 60 Amp.

Replacing: 3874777, 3856713, 3780589, 3755413, 3656570, 3656459, 3656455, 3656397, 3656395, 3656131, 3656130

Servicing: Chrysler, Dodge, Plymouth  
B+ 1/4« UNC, Grooves 2, Pulley DP, Fan IF

2 fields. Regulator: Cargo 131280.

A: 31.50 B: 12.70 C: 59.90 mm



**110514** Alternator 14 V, 78 Amp.

Replacing: 5226135, 5213763, 5213762, 5213541, 5213540, 5213079, 5213053, 5206981, 5206971

Servicing: Chrysler, Dodge, Plymouth  
B+ M6, Grooves 1, Pulley P, Fan IF  
Square back. Regulator: Cargo 131280.

A: 32.00 B: 13.00 C: 61.50 mm



P L I S



**110986** Alternator 14 V, 100/105 Amp.

Replacing: 53002898

Servicing: Jeep, MG

B+ M6, Grooves 6, Pulley SP, Fan EF

Regulator: CS130.

A: 73.00 B: 50.80 mm



**111191**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 5243949, 5243449, 5233973, 5233949, 5233673, 5233449, 5233417, 5223449, 4364944

Servicing: Chrysler, Dodge, Plymouth

B+ M6, Grooves 5, Pulley SP, Fan IF  
Regulator: Cargo 131280.

A: 34.00 B: 11.80 C: 54.00 mm



**111192**<sup>#</sup> Alternator 14 V, 120 Amp.

Replacing: 5234651, 5233660, 5233599

Servicing: Chrysler, Citroen, Dodge, Plymouth

B+ M6, Grooves 5, Pulley SP, Fan IF  
Regulator: Cargo 131280.

A: 34.45 B: 12.30 C: 54.75 mm



**111193** Alternator 14 V, 90 Amp.

Replacing: 56005684, 5234031, 5234027, 5234026, 5233718, 5233416

Servicing: Chrysler, Dodge, Jeep, Plymouth

B+ M8, Grooves 6, Pulley SP, Fan IF  
Regulator: Cargo 131280.

A: 34.00 B: 12.65 C: 54.00 mm



**111194** Alternator 14 V, 120 Amp.

Replacing: 56041394AA, 5234199

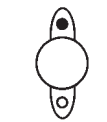
Servicing: Chrysler, Dodge, Jeep, Plymouth

B+ M6, Grooves 2, Pulley DP, Fan IF  
Regulator: Cargo 131280.

A: 38.40 B: 12.00 C: 54.00 mm



P L F S



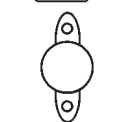
**111486**<sup>#</sup> Alternator 14 V, 105 Amp.

Replacing: 33003511

Servicing: Buick, Oldsmobile

B+ M6, Grooves 6, Pulley SP, Fan EF  
Regulator: CS130.

A: 73.00 B: 51.00 mm



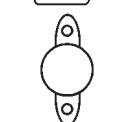
**111529** Alternator 14 V, 90 Amp.

Replacing: 4609125, 4609101

Servicing: Chrysler, Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 12.00 C: 53.50 mm



**111530** Alternator 14 V, 90 Amp.

Replacing: 4793190, 4793189, 4686106, 4671041

Servicing: Chrysler, Dodge, Eagle, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 33.00 B: 12.30 C: 54.10 mm



**111813<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 4557432  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 Regulator: Cargo 131280.  
 A: 34.00 B: 12.00 C: 54.00 mm



**111814** Alternator 14 V, 120 Amp.  
 Replacing: 4727036, 4686021  
 Servicing: Chrysler  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Regulator: Cargo 131280.  
 A: 34.00 B: 12.00 C: 54.00 mm



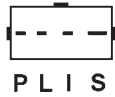
**111815** Alternator 14 V, 120 Amp.  
 Replacing: 4686019  
 Servicing: Chrysler  
 B+ M6, Terminal W, Grooves 5,  
 Pulley SP, Fan EF  
 Regulator: Cargo 131280.  
 A: 31.85 B: 12.30 C: 54.00 mm



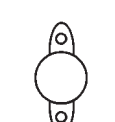
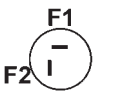
**112195** Alternator 14 V, 115 Amp.  
 Replacing: 4727206  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 27.00 B: 14.10 C: 60.60 mm



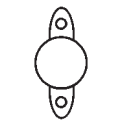
**112420** Alternator 14 V, 115 Amp.  
 Replacing: 38522303  
 Servicing: Chrysler  
 B+ M6, Grooves 6, Pulley SP/FW, Fan IF  
 A: 30.30 B: 14.25 C: 61.00 mm



**112447** Alternator 14 V, 105 Amp.  
 Replacing: 4609003, 33002941  
 Servicing: Dodge, Eagle  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Regulator: CS130.  
 A: 33.00 B: 12.90 C: 81.80 mm



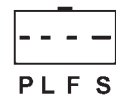
**112583** Alternator 14 V, 90 Amp.  
 Replacing: 4727220, 4686098  
 Servicing: Chrysler  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



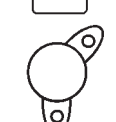
**112833** Alternator 14 V, 90 Amp.  
 Replacing: 56027912, 56007912  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 33.00 B: 12.00 C: 54.00 mm



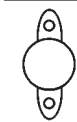
**112848<sup>#</sup>** Alternator 14 V, 110/114 Amp.  
 Replacing: 4091461, 4091460, 4091002,  
 3755585  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 2, Pulley DP, Fan EF  
 A: 49.25 B: 21.50 C: 47.35 mm



**112855<sup>#</sup>** Alternator 14 V, 61 Amp.  
 Replacing: 53004632  
 Servicing: Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Regulator: CS121.  
 A: 69.00 B: 50.75 mm



**113027** Alternator 14 V, 130 Amp.  
 Replacing: 4609300AC, 4609300, 4609075,  
 4606622AA  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 35.00 B: 13.00 C: 61.00 mm



**113050<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 5227672  
 Servicing: Dodge  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 38.50 B: 12.00 C: 54.00 mm



**113051** Alternator 14 V, 120 Amp.  
 Replacing: 5233608  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113052<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 5252539, 5233418, 523318  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 32.70 B: 12.00 C: 55.00 mm



**113053<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 5233672  
 Servicing: Dodge, Plymouth  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 37.85 B: 12.00 C: 54.00 mm



**113054<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 5234028  
 Servicing: Dodge  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 38.00 B: 12.00 C: 54.50 mm



**113055** Alternator 14 V, 90 Amp.  
 Replacing: 5234029  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113056** Alternator 14 V, 90 Amp.  
 Replacing: 5234032  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



**113058** Alternator 14 V, 120 Amp.  
 Replacing: 5234208  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



**113059<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 5234260  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113060<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 5234033  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 11.90 C: 54.00 mm



**113061<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 56027221, 5234374  
 Servicing: Dodge  
 B+ M6, Grooves 8, Pulley SP, Fan IF  
 A: 34.00 B: 12.20 C: 54.00 mm

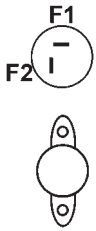


**113063** Alternator 14 V, 90 Amp.  
 Replacing: 59005685, 56005685AB, 56005685  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 14.30 C: 54.00 mm

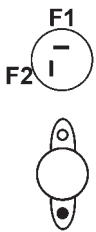


**113064<sup>#</sup>** Alternator 14 V, 75 Amp.  
 Replacing: 5234201, 4557301  
 Servicing: Chrysler, Jeep  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 33.60 B: 12.00 C: 54.00 mm

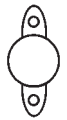




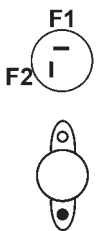
**113066<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 4808034, 4609093, 4609090, 4609034  
 Servicing: Chrysler, Dodge, Eagle, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 12.60 C: 54.00 mm



**113067** Alternator 14 V, 90 Amp.  
 Replacing: 4609415  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.70 B: 22.00 C: 54.00 mm



**113068<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 56005686  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 11.80 C: 54.00 mm



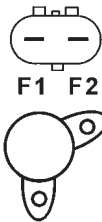
**113069** Alternator 14 V, 125 Amp.  
 Replacing: 4671320  
 Servicing: Chrysler  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.80 B: 22.30 C: 54.00 mm



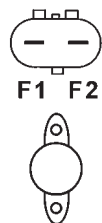
**113071** Alternator 14 V, 136 Amp.  
 Replacing: 56027913  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 34.50 B: 12.00 C: 54.00 mm



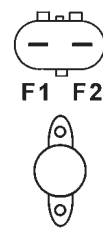
**113235** Alternator 14 V, 130 Amp.  
 Replacing: 4727329AA, 4727329A, 4727329, 4727325AA, 4727325, 4727221, 4686099, 38522264F  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 35.50 B: 12.00 C: 54.00 mm



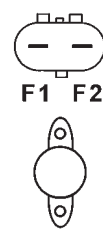
**113365** Alternator 14 V, 120 Amp.  
 Replacing: 4609999AB, 4609999  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 26.00 B: 12.00 C: 68.00 mm



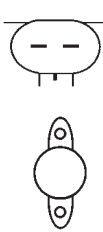
**113357<sup>#</sup>** Alternator 14 V, 81 Amp.  
 Replacing: 56005684AB  
 Servicing: Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



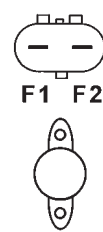
**113358** Alternator 14 V, 117 Amp.  
 Replacing: 56041822AA, 56005685AC  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.20 B: 13.30 C: 54.00 mm



**113359<sup>#</sup>** Alternator 14 V, 117 Amp.  
 Replacing: 56027912AB  
 Servicing: Dodge  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 33.85 B: 12.00 C: 54.00 mm



**113360** Alternator 14 V, 85 Amp.  
 Replacing: 4793692AB, 4793692  
 Servicing: Chrysler, Dodge  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 34.00 B: 12.40 C: 54.00 mm



**113362** Alternator 14 V, 136 Amp.  
 Replacing: 56027221AB  
 Servicing: Dodge  
 B+ M6, Grooves 8, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm



**113363#** Alternator 14 V, 136 Amp.

Replacing: 56005686AB

Servicing: Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.50 B: 11.90 C: 54.00 mm



**113364** Alternator 14 V, 136 Amp.

Replacing: 56028920AB, 56027913AC, 56027913AB

Servicing: Dodge

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 33.50 B: 13.00 C: 54.00 mm



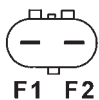
**113559** Alternator 14 V, 136 Amp.

Replacing: 56041324AC, 56041324

Servicing: Dodge, Jeep

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 27.00 B: 12.00 C: 68.00 mm



**113564#** Alternator 14 V, 136 Amp.

Replacing: 56028238AB

Servicing: Dodge

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 33.50 B: 13.00 C: 54.00 mm



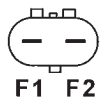
**113568#** Alternator 14 V, 136 Amp.

Replacing: 56028238

Servicing: Dodge

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 33.50 B: 12.85 C: 54.00 mm



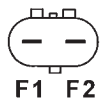
**113606#** Alternator 14 V, 115 Amp.

Replacing: 56028691

Servicing: Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 27.00 B: 12.00 C: 68.00 mm



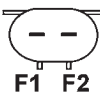
**113607** Alternator 14 V, 136 Amp.

Replacing: 56041693AC, 56041693AB, 56041693AA, 5170746AA

Servicing: Dodge, Jeep

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 27.00 B: 12.00 C: 68.00 mm



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**113803** Alternator 14 V, 130 Amp.

Replacing: 4868430AB, 04868430AF, 04868430AE, 04868430AD, 04868430AC, 04868430AB

Servicing: Chrysler, Dodge

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 50.50 B: 30.00 mm



**113884** Alternator 14 V, 150 Amp.

Replacing: 5033757AB, 05033757AB, 05033757AA

Servicing: Ford, Seat, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 38.50 B: 14.35 C: 59.00 mm



**114042** Alternator 14 V, 180 Amp.

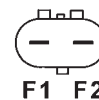
Replacing: 04801250AD, 04801250AC, 04801250AB, 04801250AA

Servicing: Jeep, Mercedes-Benz

B+ M8, Grooves 7, Pulley SP/FW

Can also be supplied w/ 1 plug (PLUG125).

A: 31.00 B: 70.00 mm



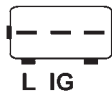
**114243** Alternator 14 V, 130 Amp.

Replacing: 38522276F, 38522276

Servicing: Jeep

B+ M6, Grooves 8, Pulley SP, Fan IF

A: 28.00 B: 12.15 C: 68.00 mm



**114300** Alternator 14 V, 120 Amp.

Replacing: 38522267F

Servicing: Land Rover

B+ M8x1.25, Grooves 7, Pulley SP, Fan IF

A: 143.00 B: 69.70 mm


**110137** Alternator 14 V, 30 Amp.

Replacing: 021000-9561, 021000-9560, 021000-8680, 021000-8120, 021000-6861, 021000-6851, 021000-6850

Servicing: Daihatsu, Komatsu, Kubota, Suzuki, Toyota

B+ M5, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130627.

A: 44.50 B: 12.25 C: 67.00 mm


**110138** Alternator 14 V, 40 Amp.

Replacing: 121000-7560, 121000-2110, 121000-2030, 021000-8030, 021000-8021, 021000-8020, 021000-8011

Servicing: Daihatsu, Honda, Mitsubishi, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 11.75 C: 75.75 mm


**110139<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: 121000-7030, 021000-8210, 021000-6771, 021000-6770, 021000-6732, 021000-6712, 021000-6711

Servicing: Daihatsu, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130627.

A: 43.50 B: 12.50 C: 76.00 mm


**110140** Alternator 14 V, 50 Amp.

Replacing: 100211-0142, 100211-0140

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 47.00 mm


**110248** Alternator 14 V, 40 Amp.

Replacing: 121000-7500, 121000-7050, 121000-2970, 121000-0441, 121000-0431, 121000-0430, 021000-8311

Servicing: Buick, Daihatsu, Honda, Isuzu, Opel, Toyota, VW

B+ M6, Grooves 4, Pulley SP, Fan EF  
Regulator: Cargo 130627.

A: 44.50 B: 12.30 C: 76.00 mm


**110250** Alternator 14 V, 50 Amp.

Replacing: 121000-1012, 121000-1011, 121000-1010, 121000-0451

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan EF  
Regulator: Cargo 130627.

A: 41.00 B: 12.00 C: 66.50 mm


**110258** Alternator 14 V, 35 Amp.

Replacing: 121000-1730, 121000-1590, 121000-0920, 121000-0580, 021000-8640, 021000-8620, 021000-8160

Servicing: Daihatsu, Suzuki, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130627.

A: 42.00 B: 12.00 C: 67.50 mm


**110273** Alternator 14 V, 50 Amp.

Replacing: 021000-8231, 021000-8230, 021000-7911, 021000-7910, 021000-6800, 021000-6671, 021000-6670

Servicing: Daihatsu, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130627.

A: 43.50 B: 12.00 C: 66.50 mm


**110274<sup>#</sup>** Alternator 14 V, 40 Amp.

Replacing: 121000-0490, 021000-9260, 021000-8330, 021000-8250, 021000-8090, 021000-8080

Servicing: Daihatsu, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130627.

A: 43.00 B: 12.25 C: 76.00 mm



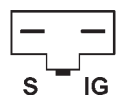

**110374** Alternator 14 V, 45 Amp.

Replacing: 101211-2841, 100211-4390, 100211-4180, 100211-4120, 100211-4080, 100211-1402, 100211-1401

Servicing: Daihatsu

B+ M5, Grooves 1, Pulley P, Fan IF

A: 43.50 B: 19.00 mm


**110445** Alternator 14 V, 90 Amp.

Replacing: 100211-5800, 100211-0790, 100211-0292, 100211-0291, 100211-0290, 100211-0281, 100211-0280

Servicing: John Deere

B+ M6, Pulley w/o, Fan EF

B: 51.00 mm


**110496** Alternator 14 V, 60 Amp.

Replacing: 100211-9710, 100211-9400, 100211-3760, 100211-3740, 100211-3610, 100211-3560, 100211-3530

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


**110563** Alternator 28 V, 15 Amp.

Replacing: 021000-4510, 021000-4271

Servicing: Toyota

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 132628.

A: 48.15 B: 12.25 C: 76.00 mm


**110564** Alternator 14 V, 40 Amp.

Replacing: 100211-4200, 100211-4004, 100211-4003, 100211-4002, 100211-4001, 100211-4000

Servicing: Komatsu

B+ M6, Grooves 1, Pulley P, Fan IF

A: 48.55 B: 20.00 C: 67.00 mm


**110620** Alternator 14 V, 35 Amp.

Replacing: 100211-4701, 100211-4700, 100211-4531, 100211-4530, 100211-1662, 100211-1661, 100211-1660

Servicing: Kubota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 43.00 B: 24.00 mm


**110628** Alternator 14 V, 45 Amp.

Replacing: 100211-6860, 100211-4400, 100211-4290, 100211-4280, 100211-4171, 100211-4170, 100211-3501

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm


**110629** Alternator 14 V, 35 Amp.

Replacing: 100211-4540

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 44.00 B: 24.10 mm


**110675** Alternator 14 V, 75 Amp.

Replacing: 100211-7450, 100211-745, 100211-7061, 100211-7060, 100211-706, 100211-3261, 100211-3260, 100211-326

Servicing: Isuzu, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.85 B: 57.90 mm


**110676#** Alternator 14 V, 65 Amp.

Replacing: 100211-2130

Servicing: Honda

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 90.00 B: 58.30 mm


**110677#** Alternator 14 V, 60 Amp.

Replacing: 100211-1081, 100211-1080

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 91.30 B: 57.90 mm


**110678** Alternator 14 V, 60 Amp.

Replacing: 100211-3630, 100211-3221, 100211-3220, 100211-3130, 100211-2380, 100211-2370, 100211-2170

Servicing: Chevrolet, GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.65 B: 58.00 mm


**110679** Alternator 14 V, 60 Amp.

Replacing: 100211-2360, 100211-2290, 100211-2231, 100211-2230, 100211-2221, 100211-1331, 100211-1330

Servicing: Isuzu, Opel

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 92.25 B: 58.00 mm


**110680** Alternator 14 V, 70 Amp.

Replacing: 100211-7501, 100211-7500, 100211-7071, 100211-7070, 100211-2551, 100211-2550

Servicing: Acura, Honda, Rover, Sterling

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 90.30 B: 58.00 mm


**110681** Alternator 14 V, 70 Amp.

Replacing: 100211-9700, 100211-8020, 100211-7100, 100211-7090, 100211-3181, 100211-3180, 100211-2072

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.75 B: 58.00 mm


**110682** Alternator 14 V, 70 Amp.

Replacing: 10211-7000, 100211-8031, 100211-8030, 100211-7051, 100211-7050, 100211-7001, 100211-7000

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.70 B: 58.00 mm


**110683** Alternator 14 V, 75 Amp.

Replacing: 100211-7952, 100211-7951, 100211-7950, 100211-7012, 100211-3640, 100211-3380

Servicing: GEO, Isuzu

B+ M6, Grooves 1, Pulley P, Fan IF

A: 93.75 B: 58.40 mm


**110684** Alternator 14 V, 55 Amp.

Replacing: 121000-2360, 121000-1291, 121000-1290, 121000-0970, 100213-0960, 100213-0950, 100213-0860

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan EF

A: 33.65 B: 14.00 C: 62.00 mm


**110685** Alternator 14 V, 55 Amp.

Replacing: 100213-2220, 100213-1260, 100213-0745, 100213-0740, 100213-0710, 100213-0700, 100213-0451

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 147.00 B: 71.00 mm


**110686** Alternator 14 V, 60 Amp.

Replacing: 100213-1450, 100213-1210, 100213-1120

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan EF

A: 45.25 B: 14.10 C: 61.00 mm


**110696** Alternator 14 V, 45 Amp.

Replacing: 100211-1470

Servicing: Subaru

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.00 B: 13.00 C: 67.00 mm


**110801** Alternator 28 V, 45 Amp.

Replacing: 100211-0860

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

B+ 1/4« UNF, Terminal W, Pulley w/o, Fan EF

B: 14.80 C: 100.00 mm


**110882** Alternator 14 V, 45 Amp.

Replacing: 021000-0320

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Pulley w/o, Fan w/o

B: 16.25 C: 63.00 mm


**110927** Alternator 14 V, 55 Amp.

Replacing: 100211-2211, 100211-2210, 100211-1381, 100211-1278, 100211-1271, 100211-1270, 100211-1261

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 90.45 B: 57.90 mm



**110965** Alternator 14 V, 50 Amp.

Replacing: 100211-6270, 100211-4071, 100211-4070, 100211-1550, 100211-1411, 100211-1410

Servicing: Chevrolet, Pontiac, Suzuki  
B+ M6, Grooves 1, Pulley P, Fan IF  
A: 42.15 B: 20.00 C: 66.88 mm



**110967** Alternator 14 V, 55 Amp.

Replacing: 101211-2120, 100211-6721, 100211-6720, 100211-672, 100211-6710, 100211-6600, 100211-2120

Servicing: Chevrolet, GEO, Pontiac, Suzuki  
B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 37.30 B: 19.90 C: 67.00 mm



**111017** Alternator 14 V, 50 Amp.

Replacing: 100211-4210

Servicing: Toyota  
B+ M6, Grooves 1, Pulley P, Fan IF  
A: 44.30 B: 20.00 C: 67.30 mm



**111018** Alternator 14 V, 50 Amp.

Replacing: 100211-6970, 100211-6961, 100211-6960, 100211-6931, 100211-6930

Servicing: Toyota  
B+ M8, Grooves 1, Pulley P, Fan IF  
A: 44.00 B: 20.00 C: 67.00 mm



**111042** Alternator 14 V, 35 Amp.

Replacing: 021000-6980

Servicing: Iseki, Mitsubishi  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 42.50 B: 12.10 C: 66.90 mm



**111048** Alternator 14 V, 40 Amp.

Replacing: 101211-2480, 101211-1180, 100211-4690, 100211-4680, 100211-4670, 100211-4660, 100211-4640

Servicing: Daihatsu, Iseki, Kubota, Piaggio  
B+ M6, Grooves 1, Pulley P, Fan IF  
A: 43.00 B: 24.00 mm



**111191**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 121000-3900, 121000-3360, 121000-3310, 121000-3100, 121000-3000, 121000-2660, 121000-2490

Servicing: Chrysler, Dodge, Plymouth  
B+ M6, Grooves 5, Pulley SP, Fan IF  
*Regulator: Cargo 131280.*

A: 34.00 B: 11.80 C: 54.00 mm



**111192**<sup>#</sup> Alternator 14 V, 120 Amp.

Replacing: 121000-4110, 121000-4100, 121000-4090, 121000-4030, 121000-4010

Servicing: Chrysler, Citroen, Dodge, Plymouth  
B+ M6, Grooves 5, Pulley SP, Fan IF  
*Regulator: Cargo 131280.*

A: 34.45 B: 12.30 C: 54.75 mm



**111193** Alternator 14 V, 90 Amp.

Replacing: 121000-3442, 121000-3440, 121000-3420, 121000-3410, 121000-3381, 121000-3380, 121000-3340

Servicing: Chrysler, Dodge, Jeep, Plymouth  
B+ M8, Grooves 6, Pulley SP, Fan IF  
*Regulator: Cargo 131280.*

A: 34.00 B: 12.65 C: 54.00 mm



**111194** Alternator 14 V, 120 Amp.

Replacing: 121000-4301, 121000-4300

Servicing: Chrysler, Dodge, Jeep, Plymouth  
B+ M6, Grooves 2, Pulley DP, Fan IF  
*Regulator: Cargo 131280.*

A: 38.40 B: 12.00 C: 54.00 mm



**111195** Alternator 14 V, 35 Amp.

Replacing: 121000-0980, 121000-0600

Servicing: Kubota  
B+ M6, Grooves 1, Pulley P, Fan EF  
*Regulator: Cargo 130627.*

A: 43.45 B: 11.85 C: 67.40 mm



**111215** Alternator 14 V, 120 Amp.

Replacing: 100211-6051, 100211-6050, 100211-6031, 100211-6030

Servicing: John Deere  
B+ M8, Grooves 2, Pulley DP, Fan IF  
A: 94.60 B: 57.65 mm




**111278** Alternator 14 V, 45 Amp.

Replacing: 100211-6790, 100211-6640, 100211-6040

Servicing: Daihatsu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.00 B: 57,50 mm


**111279** Alternator 14 V, 50 Amp.

Replacing: 100211-3810, 100211-3800

Servicing: Chevrolet, GEO, Pontiac, Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.50 B: 20.00 C: 66.00 mm


**111285** Alternator 14 V, 70 Amp.

Replacing: 101211-0250, 101211-0240, 100211-9770, 100211-9760, 100211-7340

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.30 B: 57.80 mm


**111428** Alternator 14 V, 60 Amp.

Replacing: 100211-8070, 100211-7600, 100211-7440, 100211-3680, 100211-3200, 100211-3111, 100211-3110

Servicing: Daihatsu, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.50 mm


**111429<sup>#</sup>** Alternator 14 V, 65 Amp.

Replacing: 100211-2141, 100211-2140, 100211-2011, 100211-2010

Servicing: Honda

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.50 B: 58.00 mm


**111432** Alternator 14 V, 70 Amp.

Replacing: 100211-9970, 100211-9830, 100211-7800, 100211-7760, 100211-7530, 100211-3300

Servicing: Honda

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.25 B: 57.00 mm

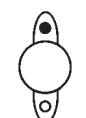

**111435** Alternator 14 V, 70 Amp.

Replacing: 101211-5220, 101211-5210, 100211-8810, 100211-8590, 100211-8470, 100211-8340, 100211-8330

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


**111437** Alternator 14 V, 50 Amp.

Replacing: 101211-3770, 101211-3370, 100211-6730, 100211-6660, 100211-5730, 100211-3370

Servicing: Daihatsu, Piaggio

B+ M6, Grooves 1, Pulley P, Fan IF

A: 95.75 B: 58.00 mm


**111468** Alternator 14 V, 80 Amp.

Replacing: 102211-1480, 102211-1340, 102211-1240, 102211-124, 102211-1230, 101211-9670, 101211-9580

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm

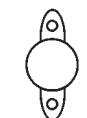

**111480** Alternator 14 V, 70 Amp.

Replacing: 100211-7930, 100211-7461, 100211-7460, 100211-3321

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 93.40 B: 58.00 mm


**111482** Alternator 14 V, 70 Amp.

Replacing: 100211-9880, 100211-8861, 100211-8860

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 91.00 B: 58.00 mm


**111483** Alternator 14 V, 55 Amp.

Replacing: 100210-3821, 100210-3820, 100210-3810, 100210-3770, 100210-3680, 100210-3580, 100210-3460

Servicing: Toyota, VW

B+ M6, Grooves 2, Pulley DP, Fan EF Regulator: Cargo 132627.

A: 51.50 B: 13.50 C: 97.00 mm



**111484** Alternator 28 V, 50 Amp.

Replacing: 100210-2290, 021000-9980

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 135376.

A: 63.00 B: 14.20 C: 97.00 mm



**111507** Alternator 14 V, 80 Amp.

Replacing: 101211-5120, 101211-5100

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 96.00 B: 53.00 mm



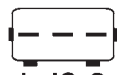
**111517** Alternator 14 V, 70 Amp.

Replacing: 101211-4420, 101211-4161,  
101211-4160, 101211-0851, 101211-0510,  
101211-0380, 101211-0170

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.70 B: 58.00 mm



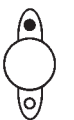
**111518** Alternator 14 V, 70 Amp.

Replacing: 102211-5090, 101211-5970,  
101211-5150, 101211-0741, 101211-0740,  
101211-0432, 101211-0431

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.00 B: 58.00 mm



**111536** Alternator 14 V, 70 Amp.

Replacing: 100211-8490, 100211-8392,  
100211-8390, 100211-7861

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



**111537** Alternator 14 V, 70 Amp.

Replacing: 101211-5720, 101211-0582,  
101211-0581, 101211-0580

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 89.50 B: 57.80 mm



**111538** Alternator 14 V, 80 Amp.

Replacing: 100211-8440, 100211-8381,  
100211-8380, 100211-8060, 100211-7820

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.75 B: 58.00 mm



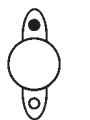
**111577**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 100211-7250, 100211-2151,  
100211-2150

Servicing: Honda

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



**111578** Alternator 14 V, 60 Amp.

Replacing: 100211-3930, 100211-3890,  
100211-3880, 100211-3870, 100211-3661,  
100211-3660, 100211-3600

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 89.50 B: 58.25 mm



**111579** Alternator 14 V, 70 Amp.

Replacing: 101211-5240, 101211-5080,  
101211-5020, 101211-4580, 101211-0182,  
101211-0181, 101211-0180

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 53.00 B: 28.00 C: 44.00 mm



**111580**<sup>#</sup> Alternator 14 V, 60 Amp.

Replacing: 100211-7180, 100211-3431,  
100211-3430

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 91.00 B: 58.00 mm



**111595**<sup>#</sup> Alternator 14 V, 60 Amp.

Replacing: 100211-3980

Servicing: Daihatsu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.20 mm


**111596** Alternator 28 V, 50 Amp.

Replacing: 121000-1770, 121000-0041, 100210-2980, 100210-2302

Servicing: Toyota

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 132628.

A: 65.00 B: 14.00 C: 106.00 mm

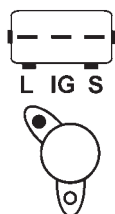

**111597#** Alternator 28 V, 30 Amp.

Replacing: 121000-1720, 100210-2960

Servicing: Toyota

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 132628.

A: 64.00 B: 14.00 C: 97.25 mm

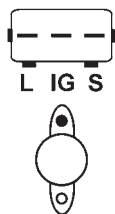

**111598** Alternator 14 V, 80 Amp.

Replacing: 101211-5170, 101211-5130

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 96.00 B: 53.00 mm

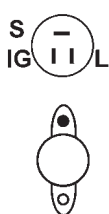

**111601** Alternator 14 V, 70 Amp.

Replacing: 100213-1911, 100213-1910, 100213-1900, 100211-5250

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 146.50 B: 70.15 mm


**111603#** Alternator 28 V, 30 Amp.

Replacing: 100211-7370, 100211-7170

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 58.10 mm

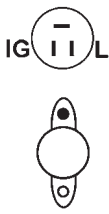

**111605** Alternator 14 V, 70 Amp.

Replacing: 100213-1250, 100213-1240, 100213-1230, 100213-1150, 100213-1140, 100213-1130, 100213-1050

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 146.50 B: 69.50 mm


**111606#** Alternator 14 V, 60 Amp.

Replacing: 100211-2201, 100211-2200

Servicing: Suzuki

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 20.00 C: 67.00 mm

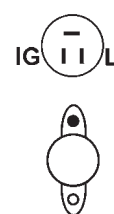

**111609** Alternator 14 V, 70 Amp.

Replacing: 101211-0033, 101211-0030, 100211-9980, 100211-7811, 100211-7810, 100211-7770, 100211-3311

Servicing: Honda

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 56.50 mm

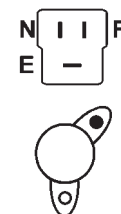

**111610** Alternator 14 V, 45 Amp.

Replacing: 101211-3200, 101211-2100, 100211-9310, 100211-6990

Servicing: Daihatsu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.50 B: 58.00 mm


**111613** Alternator 28 V, 50 Amp.

Replacing: 121000-0670, 100210-2991, 100210-2861, 100210-2860, 100210-2570, 100210-2251, 100210-2250

Servicing: Toyota

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 135376.

A: 63.50 B: 13.00 C: 96.50 mm


**111615#** Alternator 14 V, 70 Amp.

Replacing: 100210-3480, 100210-3470, 100210-3410, 100210-3381

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 143.85 B: 71.00 mm


**111616** Alternator 14 V, 40 Amp.

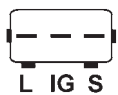
Replacing: 100211-4410, 100211-4160, 100211-1620

Servicing: Daihatsu, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.90 B: 58.00 mm





**111678** Alternator 14 V, 60 Amp.

Replacing: 101211-3030, 101211-2130

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.30 mm



**111705** Alternator 14 V, 70 Amp.

Replacing: 100211-9800, 100211-9780, 100211-8130, 100211-8120, 100211-8090, 100211-8050, 100211-7160

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



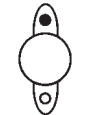
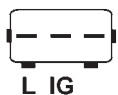
**111729#** Alternator 14 V, 55 Amp.

Replacing: 100211-7870, 100211-7210

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm



**111779** Alternator 14 V, 70 Amp.

Replacing: 102211-5610, 102211-5520, 102211-5380, 102211-5280, 102211-5161, 102211-5160, 102211-5151

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.70 B: 58.00 mm



**111780** Alternator 14 V, 60 Amp.

Replacing: 100211-7840, 100211-7830

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 92.00 B: 58.10 mm



**111781** Alternator 14 V, 80 Amp.

Replacing: 100211-8410

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 92.00 B: 58.10 mm



**111782** Alternator 28 V, 30 Amp.

Replacing: 100211-7850

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 92.00 B: 58.00 mm



**111795** Alternator 14 V, 80 Amp.

Replacing: 102211-8041, 102211-8040, 100211-8040

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm



**111796** Alternator 14 V, 40 Amp.

Replacing: 100211-0230, 100211-0014, 100211-0010, 021000-8420

Servicing: Caterpillar

B+ M6, Grooves 1, Pulley P, Fan EF

A: 45.50 B: 13.50 C: 73.40 mm



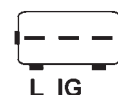
**111830** Alternator 14 V, 140 Amp.

Replacing: 100211-6420

Servicing: John Deere

B+ M8, Grooves 8, Pulley SP, Fan IF

A: 90.50 B: 58.00 mm



**111950** Alternator 14 V, 85 Amp.

Replacing: 104210-8140, 102211-2430, 102211-1430, 101211-9180

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 88.55 B: 58.00 mm



**111951** Alternator 14 V, 40 Amp.

Replacing: 100211-4631, 100211-4630, 100211-4621, 100211-4620

Servicing: Daihatsu

B+ M6, Grooves 1, Pulley P, Fan IF

A: 45.00 B: 24.00 mm


**111960** Alternator 14 V, 80 Amp.

Replacing: 100213-2660, 100213-2520, 100213-2460, 100213-2450, 100213-2440, 100213-2280, 100213-1920

Servicing: Ford, Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 147.00 B: 71.00 mm


**111961** Alternator 14 V, 60 Amp.

Replacing: 100213-1740

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 146.50 B: 70.00 mm

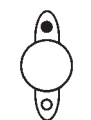
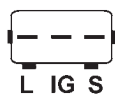

**111963** Alternator 14 V, 80 Amp.

Replacing: 100213-2920, 100213-2580, 100213-2500, 100213-2480, 100213-2471, 100213-2470, 100213-2400

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 146.50 B: 71.00 mm


**111965** Alternator 14 V, 80 Amp.

Replacing: 101211-5110

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 91.00 B: 58.00 mm


**112054** Alternator 14 V, 45 Amp.

Replacing: 121000-8230, 100210-3840, 100210-3760, 100210-3660

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan EF

Regulator: Cargo 135662.

A: 52.70 B: 14.50 C: 97.00 mm


**112063** Alternator 14 V, 70 Amp.

Replacing: 102211-5002, 102211-5001, 101211-5780, 101211-0972, 101211-0971, 101211-0970, 101211-0570

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 94.00 B: 58.10 mm


**112072** Alternator 14 V, 120 Amp.

Replacing: 102211-0500

Servicing: Volvo

B+ M8, Pulley w/o, Fan IF

B: 20.20 C: 82.00 mm


**112101** Alternator 14 V, 80 Amp.

Replacing: 101211-5460

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.50 B: 58.10 mm


**112102** Alternator 14 V, 90 Amp.

Replacing: 100211-6360, 100211-6110

Servicing: Toyota

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm


**112142** Alternator 14 V, 90 Amp.

Replacing: 102211-8081, 102211-8080, 102211-8071, 102211-8070, 102211-8061, 102211-8060

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 63.20 mm


**112143** Alternator 14 V, 80 Amp.

Replacing: 102211-8031, 102211-8030

Servicing: Ford, Lister

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 13.80 C: 62.40 mm


**112181** Alternator 14 V, 100 Amp.

Replacing: 100211-6410

Servicing: Lexus

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 90.40 B: 58.25 mm



**112211** Alternator 28 V, 30 Amp.

Replacing: 101211-0600

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 58.00 mm



**112212<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: 101211-0370

Servicing: Daihatsu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



**112252** Alternator 28 V, 25 Amp.

Replacing: 100211-6951, 100211-6950,  
100211-6941, 100211-6940

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 48.00 B: 20.10 C: 66.80 mm



**112261** Alternator 28 V, 60 Amp.

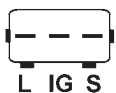
Replacing: 100211-0890

Servicing: Caterpillar

B+ M8, Insulated return, Pulley w/o,  
Fan EF

Replacing: 30SI.

B: 14.00 C: 100.00 mm



**112356** Alternator 14 V, 80 Amp.

Replacing: 102211-1360, 101211-5330,  
101211-5261, 101211-5260

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 93.00 B: 58.10 mm



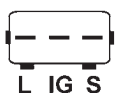
**112357** Alternator 14 V, 70 Amp.

Replacing: 102211-5052, 102211-5051,  
102211-5050, 101211-0522, 101211-0521

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



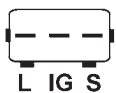
**112358** Alternator 14 V, 55 Amp.

Replacing: 102211-5200, 101211-4370,  
101211-0542, 101211-0541, 101211-0540

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.50 B: 58.00 mm



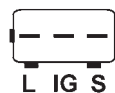
**112360** Alternator 14 V, 60 Amp.

Replacing: 101211-0270

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 93.50 B: 58.30 mm



**112363** Alternator 14 V, 80 Amp.

Replacing: 101211-9520, 101211-9360

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 96.00 B: 53.10 mm



**112491<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: 101211-3021, 101211-3020

Servicing: Mariner, Mercury, Perkins

B+ M6, Grooves 1, Pulley P, Fan IF

A: 44.00 B: 21.00 mm



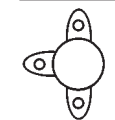
**112531** Alternator 14 V, 60 Amp.

Replacing: 101211-0560

Servicing: Dodge, Eagle, Hyundai,  
Mitsubishi, Plymouth

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 37.45 B: 13.00 C: 55.00 mm



**112557** Alternator 14 V, 120 Amp.

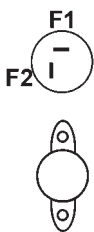
Replacing: 101211-9000, 101211-5571,  
101211-5570, 100211-8960

Servicing: Renault, Volvo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 47.80 B: 21.00 C: 55.50 mm



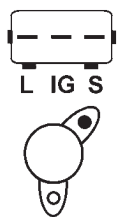

**112583** Alternator 14 V, 90 Amp.

Replacing: 121000-3523, 121000-3521, 121000-3520

Servicing: Chrysler

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.50 B: 12.00 C: 54.00 mm

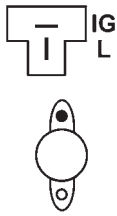

**112669** Alternator 14 V, 80 Amp.

Replacing: 101211-5300

Servicing: Yanmar

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 92.00 B: 58.30 mm


**112721** Alternator 14 V, 60 Amp.

Replacing: 101211-2850

Servicing: Kubota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 44.75 B: 21.00 mm


**112746** Alternator 14 V, 80 Amp.

Replacing: 100211-8370

Servicing: Volvo

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 93.00 B: 71.00 mm

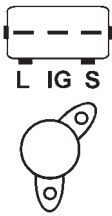

**112833** Alternator 14 V, 90 Amp.

Replacing: 121000-3531, 121000-3530

Servicing: Dodge, Jeep

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 33.00 B: 12.00 C: 54.00 mm


**112860** Alternator 14 V, 80 Amp.

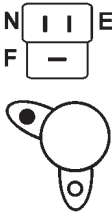
Replacing: 102211-1210, 102211-1200, 101211-9500, 101211-9280

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan EF

Replacing: CS121.

A: 52.00 B: 28.00 C: 42.00 mm


**113048**<sup>#</sup> Alternator 14 V, 50 Amp.

Replacing: 021000-6030, 021000-6020, 021000-6010, 021000-6000

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.00 B: 12.30 C: 75.70 mm


**113050**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 121000-2680

Servicing: Dodge

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 38.50 B: 12.00 C: 54.00 mm


**113051** Alternator 14 V, 120 Amp.

Replacing: 121000-4050, 121000-4000

Servicing: Chrysler, Dodge, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 12.00 C: 54.00 mm


**113052**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 121000-3300

Servicing: Chrysler, Dodge, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 32.70 B: 12.00 C: 55.00 mm


**113053**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 121000-3334, 121000-3330, 121000-3200

Servicing: Dodge, Plymouth

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 37.85 B: 12.00 C: 54.00 mm


**113054**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 121000-3370

Servicing: Dodge

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 38.00 B: 12.00 C: 54.50 mm



**113055** Alternator 14 V, 90 Amp.  
 Replacing: 121000-3390  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113056** Alternator 14 V, 90 Amp.  
 Replacing: 121000-3400  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



**113058** Alternator 14 V, 120 Amp.  
 Replacing: 121000-4040  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



**113059<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 121000-4060  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113060<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 121000-4070  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 11.90 C: 54.00 mm



**113061<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 121000-4151, 121000-4150,  
 121000-4080  
 Servicing: Dodge  
 B+ M6, Grooves 8, Pulley SP, Fan IF  
 A: 34.00 B: 12.20 C: 54.00 mm



**113063** Alternator 14 V, 90 Amp.  
 Replacing: 121000-3452, 121000-3450  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 14.30 C: 54.00 mm



**113064<sup>#</sup>** Alternator 14 V, 75 Amp.  
 Replacing: 121000-3430  
 Servicing: Chrysler, Jeep  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 33.60 B: 12.00 C: 54.00 mm



**113066<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 121000-3580, 121000-3570,  
 121000-3480  
 Servicing: Chrysler, Dodge, Eagle, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 12.60 C: 54.00 mm



**113067** Alternator 14 V, 90 Amp.  
 Replacing: 121000-3510  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.70 B: 22.00 C: 54.00 mm



**113068<sup>#</sup>** Alternator 14 V, 120 Amp.  
 Replacing: 121000-4122, 121000-4120  
 Servicing: Dodge, Jeep  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.50 B: 11.80 C: 54.00 mm

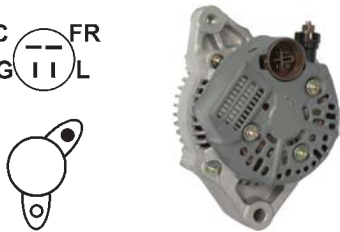


**113069** Alternator 14 V, 125 Amp.  
 Replacing: 121000-4211, 121000-4210  
 Servicing: Chrysler  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.80 B: 22.30 C: 54.00 mm


**113071** Alternator 14 V, 136 Amp.

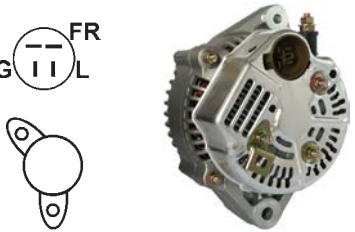
Replacing: 121000-4171, 121000-4170, 121000-417

Servicing: Dodge, Jeep

 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 34.50 B: 12.00 C: 54.00 mm

**113073**<sup>#</sup> Alternator 14 V, 55 Amp.

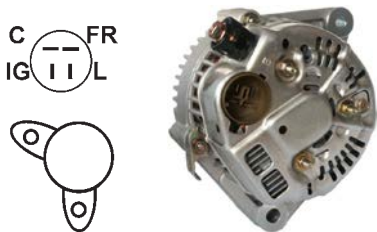
Replacing: 100211-3690

Servicing: Acura

 B+ M5, Grooves 3, Pulley SP, Fan IF  
 A: 90.50 B: 57.80 mm

**113074**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 101211-5700, 100211-8611, 100211-8610, 100211-7331, 100211-7330, 100211-7320

Servicing: Acura, Honda

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 90.60 B: 58.35 mm

**113075**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 101211-5500

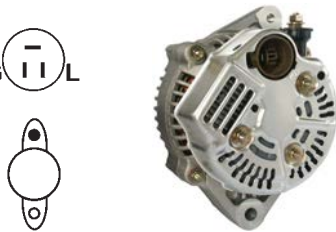
Servicing: Honda

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 91.00 B: 56.40 mm

**113076** Alternator 14 V, 75 Amp.

Replacing: 101211-0830, 100211-9732, 100211-9731, 100211-9730

Servicing: Isuzu

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 91.20 B: 57.80 mm

**113077** Alternator 14 V, 70 Amp.

Replacing: 100211-9840, 100211-7571, 100211-7570, 100211-3551, 100211-3550, 100211-355, 100211-3160

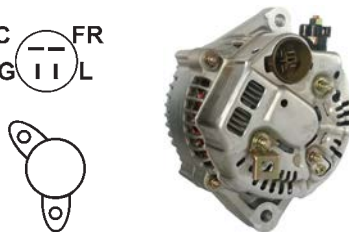
Servicing: Toyota, VW

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 92.60 B: 58.75 mm

**113078** Alternator 14 V, 80 Amp.

Replacing: 101211-5270, 101211-527

Servicing: Lexus, Toyota

 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 91.00 B: 57.80 mm

**113080**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 101211-5430, 101211-5410

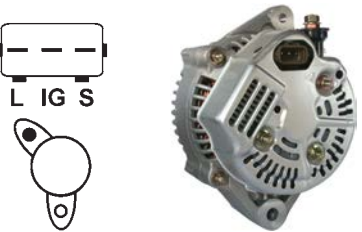
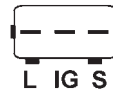
Servicing: Acura

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm

**113081** Alternator 14 V, 80 Amp.

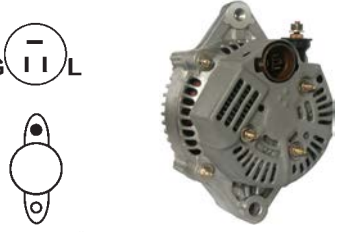
Replacing: 102211-2690, 102211-1620, 101211-9780, 101211-9100, 101211-9060, 101211-5620

Servicing: Lexus, Toyota

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 22.20 C: 43.50 mm

**113083**<sup>#</sup> Alternator 14 V, 60 Amp.

Replacing: 101211-0191, 101211-0190

Servicing: Toyota

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 93.00 B: 58.60 mm

**113084**<sup>#</sup> Alternator 14 V, 60 Amp.

Replacing: 100211-3510, 100211-1361

Servicing: Toyota

 B+ M6, Grooves 3, Pulley SP, Fan IF  
 A: 90.55 B: 58.10 mm

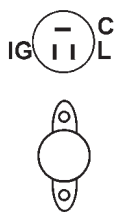
**113085** Alternator 14 V, 100 Amp.

Replacing: 100211-6350, 100211-6060

Servicing: Lexus

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 90.50 B: 58.20 mm





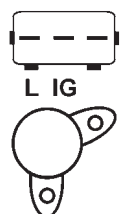
**113087**<sup>#</sup> Alternator 14 V, 45 Amp.

Replacing: 100211-4150, 100211-415  
 Servicing: Chevrolet, Pontiac, Suzuki  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 42.10 B: 19.80 C: 66.85 mm



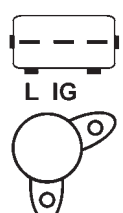
**113088**<sup>#</sup> Alternator 14 V, 100 Amp.

Replacing: 100211-8550  
 Servicing: Acura  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 96.20 B: 62.90 mm



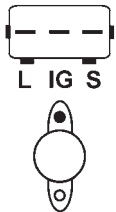
**113089** Alternator 14 V, 80 Amp.

Replacing: 966121-9935, 101211-9410,  
 101211-9350, 101211-9160, 101211-5450  
 Servicing: Lexus, Toyota  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 88.20 B: 56.70 mm



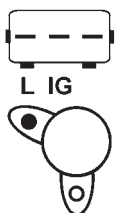
**113090** Alternator 14 V, 100 Amp.

Replacing: 101211-7180, 100211-6440,  
 100211-6390  
 Servicing: Lexus  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 89.50 B: 57.80 mm



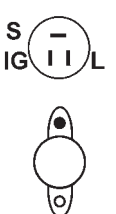
**113091** Alternator 14 V, 60 Amp.

Replacing: 101211-0530, 101211-053  
 Servicing: Toyota  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



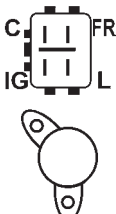
**113092**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: 101211-0200  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 92.20 B: 58.25 mm



**113093**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 100211-8570  
 Servicing: Lexus, Toyota  
 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 90.50 B: 58.00 mm



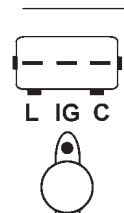
**113094** Alternator 14 V, 90 Amp.

Replacing: 101211-9330, 101211-9310  
 Servicing: Acura  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.00 B: 58.10 mm



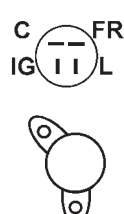
**113162**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 100211-8911, 100211-8910,  
 100211-5350  
 Servicing: Acura  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.50 B: 57.80 mm



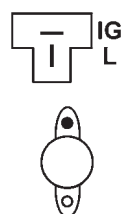
**113165**<sup>#</sup> Alternator 14 V, 75 Amp.

Replacing: 101211-4220, 101211-422,  
 101211-0840  
 Servicing: Acura, Isuzu  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 91.00 B: 57.90 mm



**113166**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 101211-5690  
 Servicing: Honda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.50 B: 57.80 mm



**113200** Alternator 14 V, 45 Amp.

Replacing: 100211-6801, 100211-6800  
 Servicing: Kubota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 44.00 B: 21.20 mm

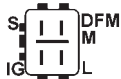

**113201** Alternator 14 V, 80 Amp.

Replacing: 100211-8870

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm

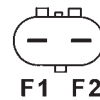

**113296** Alternator 14 V, 80 Amp.

Replacing: 102211-8490

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.45 B: 17.85 C: 40.00 mm


**113358** Alternator 14 V, 117 Amp.

Replacing: 121000-3671, 121000-3670, 121000-3620

Servicing: Dodge, Jeep

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.20 B: 13.30 C: 54.00 mm

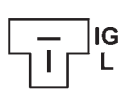

**113202**<sup>#</sup> Alternator 28 V, 85 Amp.

Replacing: 101211-6091

Servicing: Toyota

B+ M8, Grooves 2, Pulley DP, Fan EF

A: 62.00 B: 16.00 C: 69.00 mm

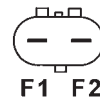

**113306** Alternator 14 V, 60 Amp.

Replacing: 101211-2751, 101211-2750, 101211-2731, 101211-2730

Servicing: Daihatsu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 48.00 B: 29.20 mm

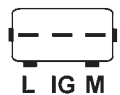

**113359**<sup>#</sup> Alternator 14 V, 117 Amp.

Replacing: 121000-3630

Servicing: Dodge

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 33.85 B: 12.00 C: 54.00 mm


**113227**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 101211-5610

Servicing: Toyota

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 88.50 B: 56.00 mm

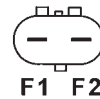

**113322** Alternator 14 V, 60 Amp.

Replacing: 102211-5231, 102211-5230, 102211-5012, 102211-5011

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.85 B: 58.00 mm


**113362** Alternator 14 V, 136 Amp.

Replacing: 121000-4280

Servicing: Dodge

B+ M6, Grooves 8, Pulley SP, Fan IF

A: 33.50 B: 13.00 C: 54.00 mm


**113235** Alternator 14 V, 130 Amp.

Replacing: 121000-4331, 121000-4330, 121000-4320, 121000-4161, 121000-4160

Servicing: Chrysler, Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 35.50 B: 12.00 C: 54.00 mm


**113357**<sup>#</sup> Alternator 14 V, 81 Amp.

Replacing: 121000-3610

Servicing: Jeep

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.50 B: 12.00 C: 54.00 mm


**113363**<sup>#</sup> Alternator 14 V, 136 Amp.

Replacing: 121000-4270

Servicing: Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.50 B: 11.90 C: 54.00 mm


**113364** Alternator 14 V, 136 Amp.

Replacing: 121000-4351, 121000-4350, 121000-4290

Servicing: Dodge

 B+ M6, Grooves 7, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm

**113365** Alternator 14 V, 120 Amp.

Replacing: 121000-4233, 121000-4232, 121000-4231, 121000-4230

Servicing: Chrysler, Dodge

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 26.00 B: 12.00 C: 68.00 mm

**113433** Alternator 14 V, 110 Amp.

Replacing: 101211-7270, 101211-7230

Servicing: Acura

 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 90.60 B: 58.40 mm

**113495**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: 100211-6170

Servicing: Acura

 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 90.25 B: 58.00 mm

**113496**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: 100211-6190

Servicing: Acura

 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 90.30 B: 56.00 mm

**113522**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 102211-9750, 102211-1071, 102211-1070, 101211-9770, 101211-9750

Servicing: Honda

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 91.00 B: 56.45 mm

**113523**<sup>#</sup> Alternator 14 V, 75 Amp.

Replacing: 102211-2270, 102211-1780, 101211-9570

Servicing: Honda

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.50 B: 57.85 mm

**113535** Alternator 14 V, 85 Amp.

Replacing: 102211-8471, 102211-8470, 102211-8450

Servicing: Fiat, Lancia

 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 16.30 B: 24.20 C: 51.00 mm

**113557**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 100211-5930, 100211-5760

Servicing: Toyota

 B+ M6, Grooves 2, Pulley DP, Fan EF  
 A: 46.80 B: 12.55 C: 81.25 mm

**113559** Alternator 14 V, 136 Amp.

Replacing: 121000-4400, 121000-4251, 121000-4250, 121000-1670

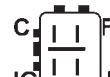
Servicing: Dodge, Jeep

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm

**113564**<sup>#</sup> Alternator 14 V, 136 Amp.

Replacing: 121000-4470, 121000-4451, 121000-4450

Servicing: Dodge

 B+ M8, Grooves 7, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm

**113571**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 102211-1010, 101211-9990

Servicing: Acura, Honda

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 91.30 B: 56.00 mm



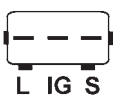

**113575** Alternator 14 V, 80 Amp.

Replacing: 102211-8400

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm


**113626**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 101211-9600

Servicing: Toyota

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 45.00 B: 25.00 C: 43.00 mm


**113637**<sup>#</sup> Alternator 14 V, 70 Amp.

 Replacing: 27060-61061, 27060-61060,  
100211-6520, 100211-0950, 100211-0850

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.00 B: 12.00 C: 74.00 mm


**113584**<sup>#</sup> Alternator 14 V, 70 Amp.

 Replacing: 111211-4122, 101211-4122,  
101211-4121, 101211-4120

Servicing: Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 88.60 B: 58.50 mm

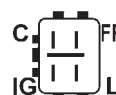

**113627**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 101211-9960

Servicing: Chevrolet

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 18.00 C: 40.00 mm


**113645**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: 101211-9250

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.00 B: 58.30 mm


**113606**<sup>#</sup> Alternator 14 V, 115 Amp.

Replacing: 121000-3650

Servicing: Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 27.00 B: 12.00 C: 68.00 mm


**113628** Alternator 14 V, 95 Amp.

 Replacing: 102211-1270, 102211-1260,  
101211-9970, 101211-9810

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.50 B: 58.00 mm

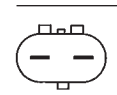

**113699** Alternator 14 V, 40 Amp.

Replacing: 101211-1200

Servicing: Iseki

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 24.00 mm


**113607** Alternator 14 V, 136 Amp.

 Replacing: 121000-4540, 121000-4440,  
121000-4410

Servicing: Dodge, Jeep

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 27.00 B: 12.00 C: 68.00 mm


**113636** Alternator 14 V, 70 Amp.

Replacing: 100211-8540, 100211-7140

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.25 B: 58.00 mm


**113700** Alternator 14 V, 50 Amp.

Replacing: 101211-3180

Servicing: Iseki

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 24.00 mm


**113715** Alternator 14 V, 80 Amp.

Replacing: 101211-9940, 100211-9940

Servicing: Yanmar

 B+ M6, Terminal W, Grooves 2,  
Pulley DP, Fan IF

A: 92.00 B: 57.50 mm


**113718** Alternator 14 V, 70 Amp.

 Replacing: 102211-8440, 102211-8431,  
102211-8430, 102211-8230

Servicing: Citroen, Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 16.50 B: 23.50 C: 50.00 mm


**113720** Alternator 14 V, 75 Amp.

 Replacing: 102211-8612, 102211-8611,  
102211-8610, 101210-1181, 101210-1180,  
101210-1110

 Servicing: Fiat, Lancia, Opel, Suzuki,  
Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 41.50 B: 64.00 C: 55.00 mm


**113721** Alternator 14 V, 75 Amp.

Replacing: 101210-1211, 101210-1210

Servicing: Fiat, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 64.40 C: 55.00 mm


**113722** Alternator 14 V, 90 Amp.

 Replacing: 101210-1191, 101210-1190,  
101210-1121, 101210-1120

 Servicing: Alfa Romeo, Fiat, Lancia, Opel,  
Suzuki, Vauxhall

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 40.20 B: 64.15 C: 56.00 mm

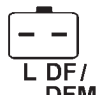

**113742** Alternator 14 V, 40 Amp.

Replacing: 101211-1380, 101211-1170

Servicing: John Deere, Yanmar

B+ M6, Grooves 1, Pulley P, Fan IF

A: 43.00 B: 24.40 mm

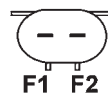

**113755** Alternator 14 V, 150 Amp.

 Replacing: 104210-4270, 104210-3240,  
104210-3171, 104210-3170

 Servicing: Citroen, Fiat, Lancia, Peugeot,  
Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 21.00 C: 45.10 mm


**113803** Alternator 14 V, 130 Amp.

 Replacing: 421000-0028, 421000-0027,  
421000-0026, 421000-0025, 421000-0024,  
421000-0023, 421000-0022

Servicing: Chrysler, Dodge

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 50.50 B: 30.00 mm

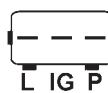

**113849** Alternator 14 V, 150 Amp.

 Replacing: 104210-3523, 104210-3522,  
104210-3521, 104210-3520, 104210-3421,  
104210-2710

Servicing: Ford, Mazda, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 42.50 B: 21.00 C: 45.00 mm


**113856** Alternator 14 V, 40 Amp.

Replacing: 101211-2960, 100211-4730

Servicing: Kubota, Steiner

B+ M6, Pulley w/o, Fan IF

B: 24.20 mm


**113865** Alternator 14 V, 90 Amp.

 Replacing: 100211-8632, 100211-8631,  
100211-8630

Servicing: BMW, Volvo

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 92.50 B: 71.00 mm

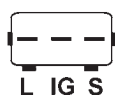

**113872#** Alternator 14 V, 80 Amp.

Replacing: 102211-8571, 102211-8570, 102211-8410

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm


**113902** Alternator 14 V, 100 Amp.

Replacing: 102211-0780, 102211-0770, 101211-7410, 101211-7400

Servicing: Toyota

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 35.50 B: 18.00 C: 46.00 mm


**113904** Alternator 14 V, 140 Amp.

Replacing: 102211-8662, 102211-8661, 102211-8660

Servicing: Opel, Saab, Vauxhall

B+ M8, Terminal DF, Grooves 6, Pulley SP/FW, Fan IF

A: 113.00 B: 61.00 mm


**113921** Alternator 14 V, 40 Amp.

Replacing: 101211-1360, 100211-4771, 100211-4770, 100211-4740, 100211-4650, 100211-4610, 100211-4520

Servicing: Daihatsu, Iseki, Kubota, Piaggio

B+ M6, Grooves 1, Pulley P, Fan IF

A: 43.50 B: 24.00 mm

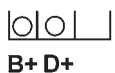

**113922** Alternator 14 V, 120 Amp.

Replacing: 104210-3513, 104210-3512, 104210-3511, 104210-3510

Servicing: Ford, Mazda, Volvo

B+ M8, Pulley SP/FW, Fan IF

A: 42.50 B: 22.00 C: 45.00 mm

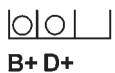

**113943** Alternator 14 V, 100 Amp.

Replacing: 101210-1510

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Pulley w/o, Fan IF

B: 22.00 C: 54.49 mm


**113955** Alternator 14 V, 105 Amp.

Replacing: 102211-8642, 102211-8641, 102211-8640

Servicing: Fiat, Opel, Vauxhall

B+ M8, Pulley w/o, Fan IF

B: 61.00 mm


**113967** Alternator 14 V, 120 Amp.

Replacing: 102211-8130

Servicing: Caterpillar, Perkins

B+ M6, Terminal W, Pulley w/o

B: 13.00 C: 83.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**113969** Alternator 14 V, 100 Amp.

Replacing: 104210-5440, 104210-3411, 104210-3410

Servicing: Toyota

B+ M6, Grooves 7, Pulley SP/FW, Fan IF

B: 42.00 mm

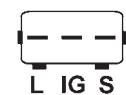

**113970** Alternator 14 V, 100 Amp.

Replacing: 104210-3732, 104210-3731, 104210-3730

Servicing: Mini

B+ M8, Pulley w/o, Fan IF

B: 16.30 C: 41.70 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**113975** Alternator 14 V, 150 Amp.

Replacing: 104210-3921, 104210-3920

Servicing: John Deere

B+ M6, Grooves 8, Pulley SP

B: 58.00 C: 0.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**113978\*** Alternator 14 V, 120 Amp.

Replacing: 104210-5790, 104210-3762, 104210-3761, 104210-3760

Servicing: Ford

B+ M8, Pulley SP/FW, Fan IF

B: 72.00 C: 68.80 mm





**113989** Alternator 14 V, 50 Amp.  
 Replacing: 101211-3860  
 Servicing: Toyota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 99.00 B: 58.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**113990\*** Alternator 14 V, 150 Amp.  
 Replacing: 104210-4651, 104210-4650,  
 104210-4011, 104210-4010  
 Servicing: Land Rover  
 B+ M8, Grooves 7, Pulley SP, Fan IF  
 A: 22.50 B: 50.00 C: 47.00 mm



**113996** Alternator 14 V, 140 Amp.  
 Replacing: 102211-8270, 101210-0990  
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 B+ M8, Pulley w/o, Fan IF  
 B: 61.30 mm



**114005** Alternator 14 V, 70 Amp.  
 Replacing: 102211-8190, 102211-8000  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 49.00 B: 23.00 C: 39.00 mm



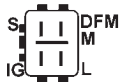
**114006** Alternator 14 V, 90 Amp.  
 Replacing: 102211-8200, 102211-8010  
 Servicing: Toyota  
 Grooves 6, Pulley SP, Fan IF



**114010** Alternator 14 V, 100 Amp.  
 Replacing: 104210-3431, 104210-3430  
 Servicing: Toyota  
 B+ M6, Pulley w/o, Fan IF  
 B: 51.70 mm



**114012** Alternator 14 V, 90 Amp.  
 Replacing: 102211-2770  
 Servicing: Toyota  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 31.00 B: 18.20 C: 41.70 mm

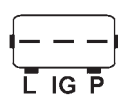


**114024** Alternator 14 V, 70 Amp.  
 Replacing: 104210-9340, 104210-9011,  
 104210-9010, 104210-8241, 104210-8240,  
 104210-8220, 104210-8021  
 Servicing: Toyota  
 B+ M6, Pulley w/o, Fan IF  
 B: 58.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114043** Alternator 14 V, 55 Amp.  
 Replacing: 101211-2771, 101211-2770  
 Servicing: Caterpillar  
 B+ M6, Grooves 1, Pulley SP, Fan IF  
 A: 31,40 B: 11,40 C: 82,30 mm



**114085** Alternator 14 V, 40 Amp.  
 Replacing: 101211-1030  
 Servicing: Kubota  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 44.00 B: 24.00 mm



**114090** Alternator 14 V, 70 Amp.  
 Replacing: 102211-8731, 102211-8730  
 Servicing: Citroen, Peugeot, Toyota  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 29.20 B: 22.00 C: 42.50 mm



**114097** Alternator 14 V, 60 Amp.  
 Replacing: 101211-2941, 101211-2940  
 Servicing: Cummins, Komatsu  
 B+ M6, Grooves 1, Pulley P, Fan F/IF  
 A: 99.00 B: 57.00 mm

**NEW PRODUCT**  
www.hc-cargo.com

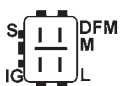
**114099** Alternator 14 V, 80 Amp.

Replacing: 102211-8741, 102211-8740, 101210-1410

Servicing: Citroen, Peugeot, Toyota

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 29.00 B: 20.00 C: 42.00 mm



**114101** Alternator 14 V, 90 Amp.

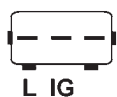
Replacing: 102211-2760

Servicing: Toyota

B+ M6, Pulley w/o, Fan IF

Pulley: Cargo 236332.

B: 53.00 mm



**114113** Alternator 28 V, 60 Amp.

Replacing: 102211-4050, 101211-7960

Servicing: Komatsu

B+ M6, Grooves 8, Pulley SP, Fan IF

A: 89.80 B: 57.70 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114115** Alternator 14 V, 130 Amp.

Replacing: 104210-3980, 104210-3252, 104210-3251, 104210-3250, 104210-3060, 104210-3052, 104210-3051

Servicing: Toyota

B+ M6, Pulley w/o, Fan IF

B: 53.70 mm



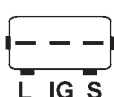
**114147** Alternator 14 V, 105 Amp.

Replacing: 102211-2223, 102211-2222, 102211-2221, 102211-2220

Servicing: Mini

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.50 B: 76.00 mm



**114186** Alternator 14 V, 90 Amp.

Replacing: 102211-2250, 102211-2120

Servicing: Toyota

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 34.00 B: 17.00 C: 46.00 mm



**114203** Alternator 14 V, 60 Amp.

Replacing: 100213-1700, 100213-1180, 100213-0790, 100213-0770, 100213-0290, 100213-0250, 100213-0231

Servicing: Toyota, VW

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 48.00 B: 14.00 C: 98.00 mm



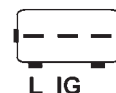
**114204** Alternator 14 V, 120 Amp.

Replacing: 102211-8652, 102211-8651, 102211-8650, 102211-8260

Servicing: Alfa Romeo, Fiat, Opel, Vauxhall

B+ M8, Pulley w/o, Fan IF

B: 60.60 mm



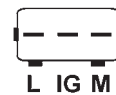
**114205** Alternator 14 V, 40 Amp.

Replacing: 101211-1100

Servicing: Bobcat

B+ M6, Grooves 1, Pulley P

A: 41.50 B: 21.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

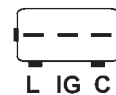
**114206** Alternator 14 V, 90 Amp.

Replacing: 102211-2780

Servicing: Toyota

B+ M6, Grooves 4

B: 18.00 C: 42.00 mm



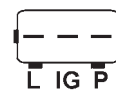
**114215** Alternator 14 V, 75 Amp.

Replacing: 102211-2600

Servicing: Suzuki

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 56.00 mm



**114218** Alternator 14 V, 55 Amp.

Replacing: 101211-2310, 101211-2240

Servicing: Caterpillar

B+ M6, Grooves 2, Pulley DP, Fan F/IF

A: 95.00 B: 57.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114227\*** Alternator 14 V, 120 Amp.

Replacing: 102211-0670

Servicing: Toyota

Grooves 1, Pulley P, Fan IF

A: 96.00 mm

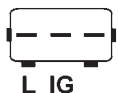

**114231** Alternator 14 V, 90 Amp.

Replacing: 102211-1680

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 48.00 B: 22.40 C: 41.50 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114241** Alternator 14 V, 105 Amp.

Replacing: 101211-9921, 101211-9920

Servicing: Land Rover

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 58.50 mm


**114242** Alternator 14 V, 105 Amp.

Replacing: 101211-9931

Servicing: Land Rover

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.00 B: 16.00 mm


**114243** Alternator 14 V, 130 Amp.

Replacing: 121000-4390

Servicing: Jeep

B+ M6, Grooves 8, Pulley SP, Fan IF

A: 28.00 B: 12.15 C: 68.00 mm

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114246\*** Alternator 14 V, 100 Amp.

Replacing: 104210-4760

Servicing: Toyota

Grooves 7, Pulley SP, Fan IF


**114248** Alternator 14 V, 150 Amp.

 Replacing: 104210-3641, 104210-3640,  
104210-2730

Servicing: Ford

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 52.00 mm


**114258** Alternator 14 V, 105 Amp.

 Replacing: 102211-2234, 102211-2233,  
102211-2232, 102211-2231, 102211-2230

Servicing: Mini

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 55.00 B: 83.00 C: 43.00 mm


**114263** Alternator 14 V, 50 Amp.

Replacing: 101211-3410

Servicing: John Deere

B+ M6, Grooves 1, Pulley SP

A: 44.00 B: 21.10 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114272** Alternator 14 V, 100 Amp.

 Replacing: 104210-4732, 104210-4731,  
104210-4730, 104210-3293, 104210-3292,  
104210-3291, 104210-3290

Servicing: Honda

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 40.00 B: 41.00 C: 45.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114273** Alternator 14 V, 100 Amp.

Replacing: 104210-3780, 102211-0750

Servicing: Toyota

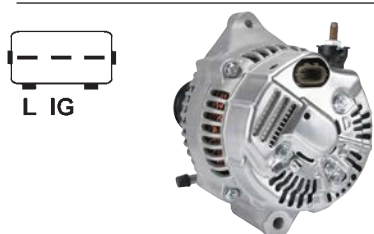
B+ M6, Grooves 7, Pulley SP, Fan IF

A: 36.00 B: 17.50 C: 46.50 mm

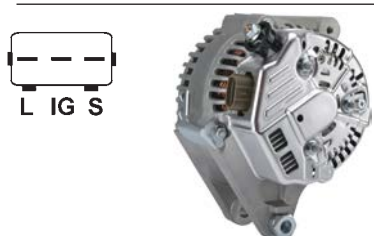


**NEW PRODUCT**  
www.hc-cargo.com

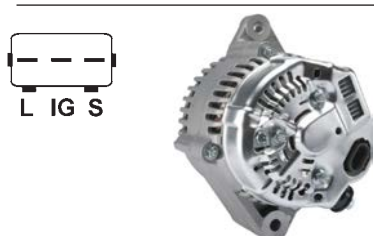
**114287\*** Alternator 14 V, 110 Amp.  
Replacing: 02131-9212  
Servicing: Hyundai  
Grooves 7, Pulley SP/FW, Fan IF



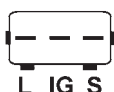
**114300** Alternator 14 V, 120 Amp.  
Replacing: 100213-2530  
Servicing: Land Rover  
B+ M8x1.25, Grooves 7, Pulley SP, Fan IF  
A: 143.00 B: 69.70 mm



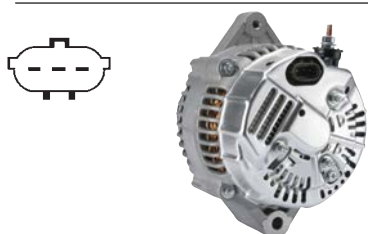
**114361** Alternator 14 V, 80 Amp.  
Replacing: 102211-5511, 102211-5510, 102211-2340, 102211-2290, 102211-2180, 102211-2020, 102211-1920  
Servicing: Toyota  
B+ M6, Grooves 6, Pulley SP, Fan IF  
A: 34.00 B: 22.00 C: 40.50 mm



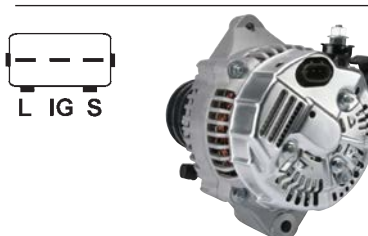
**114362** Alternator 14 V, 80 Amp.  
Replacing: 102211-5041, 102211-5040, 101211-9590, 101211-4131, 101211-0952  
Servicing: Toyota  
B+ M6, Grooves 4, Pulley SP  
B: 58.00 mm



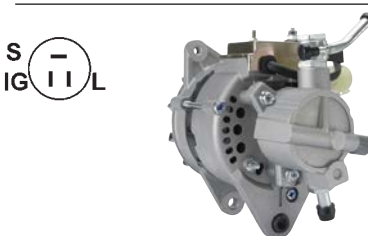
**114363** Alternator 28 V, 60 Amp.  
Replacing: 101211-7910  
Servicing: Toyota  
B+ M6, Grooves 2, Pulley DP



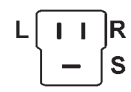
**114364** Alternator 28 V, 70 Amp.  
Replacing: 101211-7920  
Servicing: Caterpillar  
B+ M6, Grooves 2, Pulley DP, Fan IF  
A: 98.00 B: 58.00 mm



**114369** Alternator 14 V, 100 Amp.  
Replacing: 100213-1930  
Servicing: Toyota  
B+ M8, Grooves 2, Pulley DP  
A: 147.00 B: 20.00 mm



**114371** Alternator 14 V, 50 Amp.  
Replacing: 100213-2560  
Servicing: Isuzu  
B+ M5, Grooves 1, Pulley P  
A: 47.00 B: 12.50 C: 80.00 mm

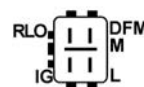


**114372** Alternator 14 V, 50 Amp.  
Replacing: 100210-4620  
Servicing: Toyota  
B+ M6, Grooves 2, Pulley DP  
A: 50.00 B: 14.00 C: 97.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114386\*** Alternator 14 V, 90 Amp.  
Replacing: 100213-2790, 100213-2750, 100213-2630, 100213-2272, 100213-2270  
Servicing: Honda, Land Rover, MG, Rover  
Grooves 6, Pulley SP, Fan IF



**NEW PRODUCT**  
www.hc-cargo.com

**114390\*** Alternator 14 V, 100 Amp.  
Replacing: 104210-4521  
Servicing: Toyota  
Grooves 7, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**114405\*** Alternator 14 V, 110 Amp.  
Replacing: 121000-3700  
Servicing: Jeep  
Grooves 8, Pulley SP, Fan IF



DFM L

**NEW PRODUCT**  
www.hc-cargo.com

**114409\*** Alternator 14 V, 100 Amp.  
Replacing: 101210-0961, 101210-0960  
Servicing: Opel, Vauxhall  
Grooves 6, Pulley SP/FW, Fan IF  
A: 40.0 B: 64.0 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114411\*** Alternator 14 V, 40 Amp.  
Replacing: 101211-3720  
Servicing: Arctic Cat  
Grooves 1, Pulley P, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**114433** Alternator 14 V, 80 Amp.  
Replacing: 102211-1370  
Servicing: Lexus, Toyota  
Grooves 6, Pulley SP, Fan IF



**114434** Alternator 14 V, 100 Amp.  
Replacing: 102211-0610  
Servicing: Toyota  
B+ M6, Grooves 6, Pulley SP, Fan IF  
A: 32.00 B: 38.00 mm

**NEW PRODUCT**  
www.hc-cargo.com

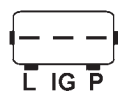
**114451\*** Alternator 14 V, 105 Amp.  
Replacing: 102211-8622, 102211-8620  
Servicing: Fiat, Vauxhall  
Grooves 6, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**114462\*** Alternator 14 V, 70 Amp.  
Replacing: 102211-8310, 102211-8280  
Servicing: Alfa Romeo, Fiat, Lancia  
Grooves 4, Pulley SP, Fan IF

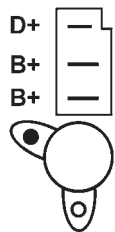
**NEW PRODUCT**  
www.hc-cargo.com

**114493\*** Alternator 14 V, 100 Amp.  
Replacing: 101210-1091, 101210-1090  
Servicing: Alfa Romeo, Fiat, Lancia  
Grooves 6, Pulley SP/FW, Fan IF  
A: 112.5 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114518\*** alternator 14 V, 55 Amp.  
Replacing: 101211-2951, 101211-2950  
Servicing: Case, John Deere  
Grooves 1, Pulley P

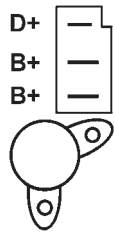

**110178** Alternator 14 V, 36 Amp.

Replacing: 516011

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm


**110358** Alternator 14 V, 55 Amp.

Replacing: 516055

Servicing: Mercedes-Benz, Seat

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 77.50 B: 56.00 mm


**110743** Alternator 14 V, 30 Amp.

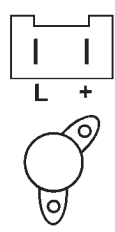
Replacing: 7542, 7536, 7534, 7532, 7522, 451003

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130679.

A: 61.00 B: 40.00 mm


**110744**# Alternator 14 V, 50 Amp.

Replacing: 516024, 516017

Servicing: DAF, Renault, Volvo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.25 B: 26.58 C: 65.75 mm


**110745** Alternator 14 V, 40 Amp.

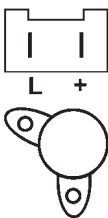
Replacing: 7576, 7575D, 7575, 7557, 7527D,E, 7527C, 7527B, 7527A, 7527

Servicing: Peugeot

B+ M6, Terminal DF, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130679.

A: 49.00 B: 27.00 C: 66.20 mm

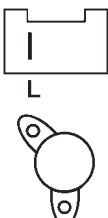

**110754**# Alternator 14 V, 55 Amp.

Replacing: 516047, 516033, 516025, 516020, 451061

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 98.90 B: 56.00 mm

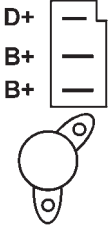

**110897**# Alternator 14 V, 50 Amp.

Replacing: 516021, 451074

Servicing: Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 62.00 B: 27.00 mm


**110913** Alternator 14 V, 70 Amp.

Replacing: 510018

Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm

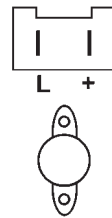

**110916** Alternator 14 V, 40 Amp.

Replacing: 514005

Servicing: Citroen, Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.00 B: 40.00 mm

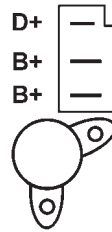

**110920** Alternator 14 V, 50 Amp.

Replacing: 516023B, 516023

Servicing: Renault

B+ M5, Grooves 1, Pulley P, Fan EF

A: 101.00 B: 56.00 mm


**110971** Alternator 14 V, 65 Amp.

Replacing: 7530

Servicing: Opel, Vauxhall

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm


**110991** Alternator 14 V, 55 Amp.

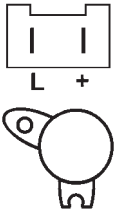
Replacing: 433118

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 58.65 B: 27.00 C: 69.65 mm





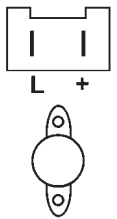
**111071** Alternator 14 V, 75 Amp.

Replacing: 516015A, 516015, 516013C, 516013BC, 516013B, 516013A, 516013, 451068

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 61.85 B: 35.90 C: 53.00 mm



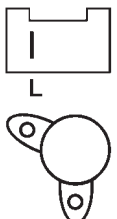
**111072** Alternator 14 V, 50 Amp.

Replacing: 451076

Servicing: Renault, VW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 49.40 B: 27.00 C: 66.00 mm



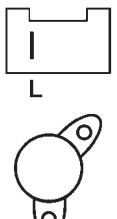
**111075** Alternator 14 V, 55 Amp.

Replacing: 516051, 516039, 512010

Servicing: Citroen, Peugeot, Talbot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.50 B: 40.00 mm



**111076** Alternator 14 V, 50 Amp.

Replacing: 516043

Servicing: Citroen, Opel, Peugeot, Talbot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.35 B: 26.80 C: 66.00 mm



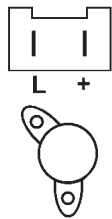
**111078** Alternator 14 V, 45 Amp.

Replacing: 516032

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.25 B: 21.85 mm



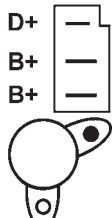
**111082** Alternator 14 V, 60 Amp.

Replacing: 516074, 516064, 516062

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 100.95 B: 56.00 mm



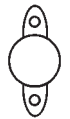
**111086** Alternator 14 V, 65 Amp.

Replacing: 516027

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm



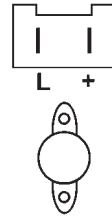
**111138** Alternator 14 V, 45 Amp.

Replacing: 514014

Servicing: Fiat, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.35 B: 17.00 C: 63.00 mm



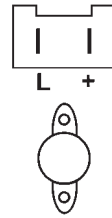
**111144** Alternator 14 V, 70 Amp.

Replacing: 516016

Servicing: Citroen, Renault, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.15 B: 27.00 C: 64.80 mm



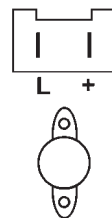
**111171** Alternator 14 V, 70 Amp.

Replacing: 515016

Servicing: Renault

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 49.65 B: 27.00 C: 66.50 mm



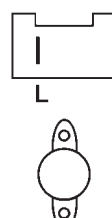
**111172<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: 516044

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.75 B: 27.00 C: 68.65 mm



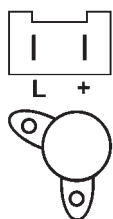
**111403** Alternator 14 V, 70 Amp.

Replacing: 515003

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 46.75 B: 27.00 C: 66.00 mm



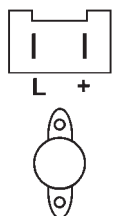
**112728** Alternator 14 V, 55 Amp.

Replacing: 516058, 516053A

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 102.00 B: 56.00 mm



**112744** Alternator 14 V, 60 Amp.

Replacing: 516067, 516038

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm



**112768** Alternator 14 V, 55 Amp.

Replacing: 451013

Servicing: Alfa Romeo, Goldoni

B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 45.00 B: 17.00 C: 70.00 mm



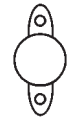
**110348** Alternator 14 V, 55 Amp.  
 Replacing: A125-55S, A125-09  
 Servicing: Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 45.00 B: 19.60 C: 63.00 mm



**110349** Alternator 14 V, 42 Amp.  
 Replacing: A124L, A124-14  
 Servicing: Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 130613.  
 A: 44.50 B: 18.50 C: 61.50 mm



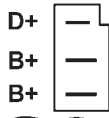
**110350** Alternator 14 V, 44 Amp.  
 Replacing: A124-44S, A124-15  
 Servicing: Fiat, Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm



**110611** Alternator 14 V, 44 Amp.  
 Replacing: A124N, 3370000  
 Servicing: Allis Chalmers, Fiat, Seat  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 130613.  
 A: 46.00 B: 17.00 C: 61.00 mm



**110612** Alternator 14 V, 43 Amp.  
 Replacing: A125-45B, A125-02, A115-43,  
 A115-03, 201003020.0  
 Servicing: Bertone, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 52.45 B: 23.15 C: 73.00 mm



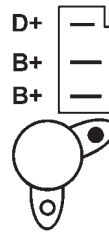
**110968** Alternator 14 V, 70 Amp.  
 Replacing: ALT2N-14  
 Servicing: Austin, Case, Dronningborg, MG,  
 Nissan, Rover, Valtra  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 37.00 B: 11.00 C: 82.00 mm



**111032** Alternator 14 V, 50 Amp.  
 Replacing: 3160200  
 Servicing: Fiat  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 55.85 B: 27.10 C: 69.60 mm



**111036** Alternator 14 V, 45 Amp.  
 Replacing: A125-45C  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm



**111086** Alternator 14 V, 65 Amp.  
 Replacing: A155-55D, A125-07  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 B+ Plug, Grooves 1, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111148** Alternator 14 V, 65 Amp.  
 Replacing: A125-65B, 283020.1  
 Servicing: Autobianchi, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm

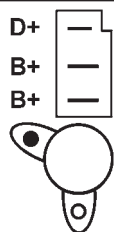


**111621** Alternator 14 V, 55 Amp.  
 Replacing: A125-55G, 274020.0  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 57.50 B: 32.30 mm



**111687** Alternator 14 V, 55 Amp.  
 Replacing: A125-55T, A125-55E  
 Servicing: Fiat  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 53.00 B: 26.50 mm




**110178** Alternator 14 V, 36 Amp.

Replacing: ALT12N-39, ALT12N-14, ALT12N-11, ALP12N-2

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

 B+ 9.40, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm

**110348** Alternator 14 V, 55 Amp.

Replacing: ALS12N-82

Servicing: Lada

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 45.00 B: 19.60 C: 63.00 mm

**110349** Alternator 14 V, 42 Amp.

Replacing: ALB12-117

Servicing: Lada

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 130613.  
 A: 44.50 B: 18.50 C: 61.50 mm

**110350** Alternator 14 V, 44 Amp.

Replacing: ALS12-81

Servicing: Fiat, Lada

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm

**110611** Alternator 14 V, 44 Amp.

Replacing: ALB40-86, ALB40-68

Servicing: Allis Chalmers, Fiat, Seat

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 130613.

A: 46.00 B: 17.00 C: 61.00 mm


**110612** Alternator 14 V, 43 Amp.

Replacing: ALS12N-64, ALS12N-54, ALS12N-25

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.45 B: 23.15 C: 73.00 mm


**110743** Alternator 14 V, 30 Amp.

Replacing: ALN12-1, ALD12N-53

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130679.

A: 61.00 B: 40.00 mm


**110745** Alternator 14 V, 40 Amp.

Replacing: ALG12N-28, ALG12-7

Servicing: Peugeot

B+ M6, Terminal DF, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130679.

A: 49.00 B: 27.00 C: 66.20 mm

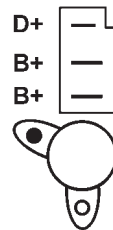

**110754<sup>#</sup>** Alternator 14 V, 55 Amp.

Replacing: ALS12X-76, ALS12X-26

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 98.90 B: 56.00 mm

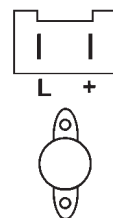

**110759** Alternator 14 V, 35 Amp.

Replacing: ALP12N-12

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm

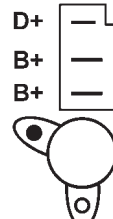

**110920** Alternator 14 V, 50 Amp.

Replacing: ALS12X-77, ALS12X-65

Servicing: Renault

B+ M5, Grooves 1, Pulley P, Fan EF

A: 101.00 B: 56.00 mm

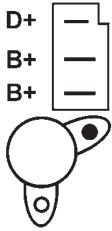

**110968** Alternator 14 V, 70 Amp.

Replacing: ALT12N-2, ALT12N-13, ALF12-18

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.00 C: 82.00 mm



**110969** Alternator 14 V, 65 Amp.

Replacing: ALP12N-1

Servicing: Land Rover

B+ M6, Grooves 1, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm



**111078** Alternator 14 V, 45 Amp.

Replacing: ALP12N-24, ALP12N-20

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.25 B: 21.85 mm



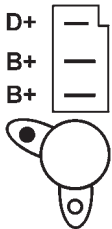
**111138** Alternator 14 V, 45 Amp.

Replacing: ALS12N-56, ALS12N-55, ALS12N-24

Servicing: Fiat, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.35 B: 17.00 C: 63.00 mm



**111289** Alternator 14 V, 70 Amp.

Replacing: ALS12N-75, ALS12N-72, ALS12N-51

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm


**110133** Alternator 14 V, 35 Amp.

Replacing: GLE105A, GLE-105A, D47Z10346A, D47Z-10346-A

Servicing: Mazda

 B+ M5, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 130615, 6 pins. Regulator: Cargo 130616, 6+1 pins.

A: 39.40 B: 12.50 C: 80.50 mm


**110170** Alternator 14 V, 72 Amp.

Replacing: D7NN10300B

Servicing: Ford

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 131175.

A: 74.75 B: 51.25 mm


**110178** Alternator 14 V, 36 Amp.

Replacing: 77FB10300FB, 77FB10300FA, 76BB10300ED, 74DB10436A, 69EB10346AD, 5003897, 1537179, 1504563

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm


**110179** Alternator 14 V, 36 Amp.

Replacing: 86BB10300DB, 86AB10300DA

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

 B+ Plug, Pulley w/o, Fan EF  
 For fan w/ 17 mm bore use bushing: Cargo 134894.

B: 9.75 C: 88.00 mm


**110237** Alternator 14 V, 60 Amp.

Replacing: E6SF10300EA, E27F10300BA, E1GF10300DA, E1EF10300HA, D9ZF10300AA, D9VY10346A, D9UF10300BA

Servicing: American Motors, Ford, Jeep, Lincoln, Mercury

B+ 1/4« UNC, Grooves 1, Pulley P, Fan EF

Replacing: 1G series. Regulator: Cargo 130506.

A: 101.00 B: 76.25 mm


**110238** Alternator 14 V, 70 Amp.

Replacing: FOPZ10346D, FOPZ10346C, E7PZ10346B, E7PZ10346A, E7PF10346PA, E6DZ10346D, E6DF10346DA, E6DF10300CA

Servicing: Ford, Lincoln, Mercury

B+ 1/4« UNC, Grooves 1, Pulley P, Fan EF

Replaces 1G series. As Cargo 110239 (90Amp). Regulator: Cargo 130506. B152.

A: 104.00 B: 76.25 mm

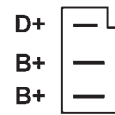

**110239** Alternator 14 V, 90 Amp.

Replacing: E9DF10300DA, E8DF10300DE, E8DF10300DA, E7TF10300NA, E7DF10300EB, D7ZF10300CA, D7ZF10300BA

Servicing: Ford

 B+ M6, Pulley w/o, Fan w/o  
 Regulator: Cargo 130506.

B: 76.25 mm

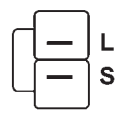

**110607** Alternator 14 V, 70 Amp.

Replacing: U88VG10K359AA, R89FX10300BA, 894FX10300BA, 894F10300BA, 884F10K359AB, 5026721, 1658023, 1658022

Servicing: Ford

B+ M6, Grooves 4, Pulley SP, Fan w/o w/ vacuum pump: Cargo 111754.

A: 33.70 B: 11.30 C: 83.00 mm

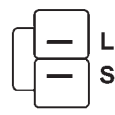

**110663** Alternator 14 V, 60 Amp.

Replacing: F1CZ10346C, F1CZ10346B, F1CZ10346A

Servicing: Ford, Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 41.75 B: 13.15 C: 66.60 mm


**110664** Alternator 14 V, 70 Amp.

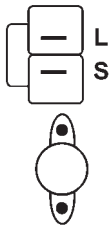
Replacing: E92Z10346A

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF

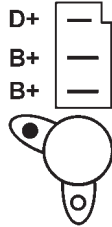
A: 43.50 B: 13.10 C: 66.10 mm





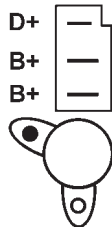
**110689<sup>#</sup>** Alternator 14 V, 65 Amp.

Replacing: FOCZ10346B, F00Z10346B  
 Servicing: Ford, Mazda, Mercury  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 43.15 B: 13.30 C: 66.60 mm



**110759** Alternator 14 V, 35 Amp.

Replacing: 80BB10300DB, 72GB10300LB,  
 72GB10300LA, 71BB10300FB, 71BB10300FA,  
 6021771, 1553627, 1507007, 1485514  
 Servicing: Austin, Ford, Mercury  
 B+ 9.40, Grooves 1, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm



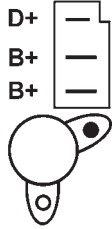
**110770** Alternator 14 V, 55 Amp.

Replacing: 873F10300BA, 86VB10300AA  
 Servicing: Austin, LDV, Massey Ferguson, MG,  
 Rover, Vauxhall  
 B+ M6, Pulley w/o, Fan w/o  
 B: 11.20 C: 82.00 mm



**110891** Alternator 14 V, 70 Amp.

Replacing: R86AX10300MB, 91AX10300TA,  
 86AX10300MB, 86AB10346MA, 86AB10300NB,  
 86AB10300NA, 86AB10300MB, 6136957  
 Servicing: Ford, Land Rover, MG  
 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o  
 B: 11.30 C: 83.00 mm



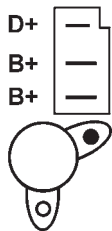
**111086** Alternator 14 V, 65 Amp.

Replacing: 84FB10300MA, 82HF10300A2A,  
 81BB10300EA, 80BB10300FA, 78GB10300JA,  
 78GB10300HA, 77FB10300KB  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 B+ Plug, Grooves 1, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111176** Alternator 14 V, 75 Amp.

Replacing: V89AB10300AA, R89FF10300EC,  
 R86AX10300AAA, 91FX10300VA, 91FF10300TA,  
 89FX10300JA, 89FX10300EB  
 Servicing: Ford, Land Rover, LDV, Rover  
 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o  
 B: 11.25 C: 81.65 mm



**111184** Alternator 14 V, 43 Amp.

Replacing: 5010556  
 Servicing: Ford, Land Rover, Massey  
 Ferguson, Rover, Triumph, Vauxhall  
 Pulley w/o, Fan IF  
 For pulley w/ 17 mm bore use bushing:  
 Cargo 134894.  
 B: 9.85 C: 81.00 mm



**111199** Alternator 14 V, 95 Amp.

Replacing: GL308, GL-308, F7PZ10346LA,  
 F7CU10300AB, F77U10300BB, F77U10300BA,  
 F6PZ10346LA, F6PZ10346CA  
 Servicing: Ford, Mazda, Mercury  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 Replacing: 3G series.  
 A: 37.00 B: 55.20 C: 62.00 mm



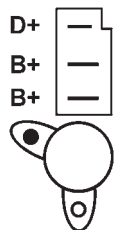
**111200** Alternator 14 V, 130 Amp.

Replacing: ZZM2-18-300, XL3U10300CB,  
 XL3U10300CA, F85U10300AB, F85U10300AA,  
 F6UZ10346VA, F6UU10300FA  
 Servicing: Ford, Mazda  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 Replacing: 3G series.  
 A: 40.80 B: 55.00 C: 61.00 mm



**111252** Alternator 14 V, 75 Amp.

Replacing: GL263, GL252, GL246,  
 F0TU10300EA, E9UF10300BA, E9SF10300BA,  
 E9PF10346BA, E8TF10300BA, E7ZF10300FA  
 Servicing: Ford, Mercury  
 B+ Plug, Grooves 6, Pulley SP, Fan IF  
 Replacing: 2G series.  
 A: 95.40 B: 76.10 mm


**111289** Alternator 14 V, 70 Amp.

Replacing: R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GA, 89AB10300EA, 86AB10300DB

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm


**111292**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: R94AB10300BA, 94FB10300AB, 94AB10300BA, 7276001, 7118750, 1019077

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 31.50 B: 14.00 C: 80.00 mm

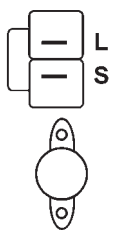

**111293** Alternator 14 V, 70 Amp.

Replacing: 92FB10300FB, 92AB10300FB, 92AB10300FA, 92AB10300DD, 92AB10300DC, 91AB10300SA, 7275999

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 31.20 B: 14.00 C: 80.00 mm

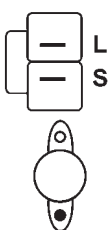

**111315** Alternator 14 V, 90 Amp.

Replacing: F32Z10346B, 3395461

Servicing: Ford, Mazda

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 37.65 B: 13.20 C: 66.45 mm

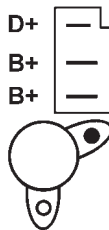

**111317** Alternator 14 V, 80 Amp.

Replacing: 3465426

Servicing: Ford, Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 36.40 B: 13.20 C: 66.80 mm


**111356** Alternator 14 V, 55 Amp.

Replacing: R89FX10300GB, 89FF10300GA, 89FF10300AC, 89FF10300AB, 6181359

Servicing: Ford

B+ 9.40, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm


**111360**<sup>#</sup> Alternator 14 V, 55 Amp.

Replacing: R89FX10300CD, R89FF10300CE, R89FF10300CD, 89FX10300CD, 89FF10300CE, 89FF10300CD, 89FF10300CC

Servicing: Ford

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.65 B: 10.90 C: 83.30 mm

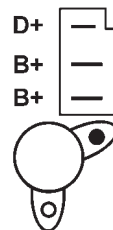

**111362** Alternator 14 V, 55 Amp.

Replacing: R86AX10300AB, 87BB10300BA, 86AX10300DB, 86AX10300AB, 86AB10300EB, 85BB10300DA, 83BB10300HA

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm


**111364** Alternator 14 V, 55 Amp.

Replacing: 870G10300AA, 86FB10300BA, 86FB10300AA, 86AX10300ADA, 86AB10300ADA, 864F10300EA, 84FB10300AAB

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm


**111367**<sup>#</sup> Alternator 14 V, 55 Amp.

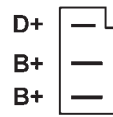
Replacing: 6593477

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

*w/o vacuum pump: Cargo 111743.*

A: 36.65 B: 12.00 C: 82.00 mm

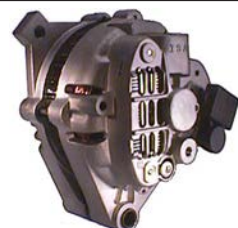
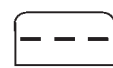

**111368** Alternator 14 V, 70 Amp.

Replacing: V87VG10300AB, V87VG10300AA, RV87VX10300AB, RV87VG10300AB

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm


**111395**<sup>#</sup> Alternator 14 V, 75 Amp.

Replacing: E8DZ10346A, E8DF10300B, E8DF10300A, E83Z10346A

Servicing: Ford, Mercury

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 112.90 B: 76.50 mm

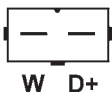

**111427** Alternator 14 V, 90 Amp.

Replacing: R93BB10300AG, 93BB10300CE, 93BB10300AG, 93BB10300AE, 7308194, 6917885, 5030468

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.50 B: 13.50 C: 81.00 mm


**111477** Alternator 14 V, 90 Amp.

Replacing: R95VW10300NA, 95VW10300RA, 95VW10300NA, 95VW10300AAA, 7203201, 1031896

Servicing: Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 13.50 C: 59.00 mm

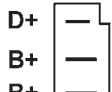

**111623** Alternator 14 V, 70 Amp.

Replacing: V94GB10K359AC, RV94GB10300BB, R924X10300AB, 954F10K359AB, 954F10K300AB, 954F10300AA, 94GB10300BB

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 33.00 B: 11.80 C: 83.40 mm


**111739** Alternator 14 V, 55 Amp.

Replacing: F0NN10B376AB

Servicing: Ford, New Holland

B+ M6, Pulley w/o, Fan EF w/ battery sensor terminal.

B: 11.40 C: 82.30 mm


**111740** Alternator 14 V, 70 Amp.

Replacing: E7NN10B376BB, E7NN10B376BA, E7NN10B376AB, E7NN10B376AA

Servicing: Ford

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF w/ battery sensor terminal.

A: 35.50 B: 11.30 C: 82.70 mm


**111741** Alternator 14 V, 70 Amp.

Replacing: 92VB10300BB, 92VB10300AB, 89BX10300LB, 89BX10300HB, 89BB10300MB, 89BB10300LB, 89BB10300KC

Servicing: Ford

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.50 C: 81.00 mm


**111742** Alternator 14 V, 70 Amp.

Replacing: R954F10300AA, 924X10300AB, 924FX10K359AA, 924F10K359AB, 924F10300AB, 5027848, 5027810

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 34.00 B: 12.00 C: 83.00 mm


**111743** Alternator 14 V, 55 Amp.

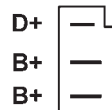
Replacing: 914F10K359AA, 914F10300AA

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan w/o

w/ vacuum pump: Cargo 111367.

A: 33.45 B: 12.25 C: 82.50 mm


**111754** Alternator 14 V, 70 Amp.

Replacing: R89FX10300AA, R894X10300AA, 894X10300BA, 864FX10K359FE, 864F10K359FE, 864F10K359FD, 864F10K359FC

Servicing: Ford

B+ 9.40, Grooves 4, Pulley SP, Fan w/o Also w/o vacuum pump: Cargo 110607.

A: 33.65 B: 12.25 C: 82.70 mm


**111795** Alternator 14 V, 80 Amp.

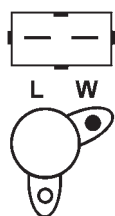
Replacing: 98AB10300GM, 98AB10300GL, 98AB10300GK, 98AB10300GJ, 98AB10300GH, 98AB10300GG, 98AB10300GF

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm



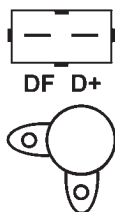

**111797** Alternator 14 V, 95 Amp.

Replacing: 98VP10K359BB, 98VP10K359BA, 98VB10K359BC, 98VB10K359BB, 98VB10K359BA, 1086299, 1017500

Servicing: Ford

B+ M8, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 82.90 mm


**111828** Alternator 14 V, 120 Amp.

Replacing: 97VW10300EA, 1076005

Servicing: Ford, Seat, Volvo, VW

B+ M8, Pulley w/o, Fan IF

B: 14.10 C: 59.00 mm

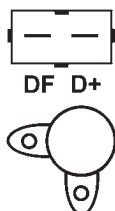

**111887#** Alternator 14 V, 90 Amp.

Replacing: R95VW10300CC, 95VW10300CC, 7387708

Servicing: Ford

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 28.50 B: 14.00 C: 59.00 mm


**111988** Alternator 14 V, 120 Amp.

Replacing: R95VW10300ABA, 95VW10300ABA, 1031898, 1018818

Servicing: Ford, Seat, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 13.90 C: 59.00 mm


**112002** Alternator 14 V, 120 Amp.

Replacing: YM2110300AA, 98VW10300EA, 3M2110300BA, 1253624, 1110413, 1100712

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Terminal W, Pulley w/o, Fan IF  
 Free wheel pulley: Cargo 230293. Washer bosch: Cargo 139931. Washer hitachi: Cargo 133948.

B: 14.50 C: 59.00 mm

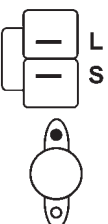

**112079** Alternator 14 V, 90 Amp.

Replacing: 98VW10300CA, 98VN10300CA, 3M2110300AA, 1100711

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm


**112100** Alternator 14 V, 70 Amp.

Replacing: 92JA10300AA

Servicing: Mazda, Mercury

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 13.30 C: 66.65 mm


**112121** Alternator 14 V, 70 Amp.

Replacing: R97AB10300AE, R97AB10300AD, 97AB10300AE, 97AB10300AD, 97AB10300AC, 97AB10300AB, 97AB10300AA

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 33.00 B: 14.40 C: 55.50 mm


**112142** Alternator 14 V, 90 Amp.

Replacing: 98AB10300JG, 98AB10300JF, 98AB10300JE, 98AB10300JD, 98AB10300JC, 98AB10300JB, 98AB10300JA

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 63.20 mm


**112143** Alternator 14 V, 80 Amp.

Replacing: 98AB10300DJ, 98AB10300DH, 98AB10300DG, 98AB10300DF, 98AB10300DE, 98AB10300DD, 98AB10300DC

Servicing: Ford, Lister

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 13.80 C: 62.40 mm


**112151** Alternator 14 V, 95 Amp.

Replacing: 97BB10300BD, 97BB10300BC, 97BB10300BB, 97BB10300BA, 93BB10300FG, 93BB10300FF, 93BB10300FE

Servicing: Ford

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 57.00 mm


**112198** Alternator 14 V, 105 Amp.

Replacing: 98BB10300BE, 98BB10300BD, 98BB10300BC, 1085875, 1073771

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.50 B: 14.00 C: 59.00 mm


**112298** Alternator 14 V, 80 Amp.

Replacing: F6PU10346SA, F6PU10300SA  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 26.10 C: 66.70 mm


**B+D+ W**

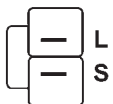
**112325** Alternator 14 V, 70 Amp.

Replacing: R95FF10300AC, 95FF10300AD,  
 95FF10300AC, 95FF10300AB, 95FF10300AA,  
 93FF10300AA, 91FF10300JB

Servicing: Ford

B+ M6, Terminal W, Grooves 5,  
 Pulley SP, Fan IF

A: 33.00 B: 14.20 C: 82.30 mm

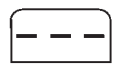

**112352** Alternator 14 V, 70 Amp.

Replacing: XM3410300BA, XM3410300AA,  
 6M3410300AB, 4344538, 3601014

Servicing: Ford, Mazda

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 76.90 mm


**A S I**

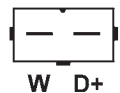
**112377** Alternator 14 V, 215 Amp.

Replacing: F5UZ10346CA, F5UU10300CA

Servicing: Ford

B+ M10, Grooves 8, Pulley SP, Fan EF

A: 39.50 B: 92.40 C: 74.00 mm


**W D+**

**112543<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 98VW10300BA

Servicing: Audi, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6,  
 Pulley SP/FW, Fan IF

A: 40.00 B: 14.00 C: 62.80 mm


**L**

**112654** Alternator 14 V, 90 Amp.

Replacing: YS6110300BF, 1122105

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 17.25 C: 62.60 mm


**112680** Alternator 14 V, 70 Amp.

Replacing: R95AB10300DB, 95AB10300DC,  
 95AB10300DB, 7355509, 5030656

Servicing: Ford

B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 33.50 B: 14.00 C: 80.00 mm


**112691<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 95GB10300KA, 95GB10300EB,  
 95GB10300DA, 7081782

Servicing: Ford

B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 34.40 B: 14.00 C: 82.80 mm


**112694<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: 95VW10300EC, 95VW10300EB,  
 95VW10300EA, 7387709, 1012463

Servicing: Ford

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 28.50 B: 14.00 C: 61.00 mm


**B+D+ W**

**112698** Alternator 14 V, 100 Amp.

Replacing: R95GB10300MB, R95GB10300MA,  
 95GB10300MB, 95GB10300MA, 95GB10300LB,  
 95GB10300LA, 7312901, 5030343

Servicing: Ford

B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm


**W D+**

**112709** Alternator 14 V, 120 Amp.

Replacing: R95VW10300KB, 95VW10300KB,  
 95VW10300KA, 7361230

Servicing: Ford, VW

B+ M8, Terminal W, Grooves 7,  
 Pulley SP, Fan IF

A: 43.00 B: 14.00 C: 61.00 mm


**B+D+ W**

**112718** Alternator 14 V, 100 Amp.

Replacing: F2NN10B376AA, F0NN10B376BB

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm




**112725** Alternator 14 V, 70 Amp.

Replacing: 85GX10300GA

Servicing: Ford

 B+ M8, Terminal W, Grooves 2,  
Pulley DP, Fan EF

A: 33.50 B: 13.80 C: 82.30 mm


**112747** Alternator 28 V, 55 Amp.

Replacing: 83DB10346AA, 1620918

Servicing: Deutz-Fahr, Ford, Iveco, KHD

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**W D+ B+**

**112759** Alternator 14 V, 90 Amp.

Replacing: 89BX10300NC, 89BX10300KC

Servicing: Ford

 B+ M8, Terminal W, Grooves 6,  
Pulley SP, Fan EF

A: 33.40 B: 14.00 C: 82.00 mm


**A S I**

**112835** Alternator 14 V, 65 Amp.

 Replacing: GL253, GL248, GL241A, GL241-A,  
GL241, GL237, EDE7AF10300BA, E8SF0300BA,  
E8PZ10346A, E8PF10346AA

Servicing: Ford, Lincoln, Mercury

 B+ Plug, Grooves 6, Pulley SP, Fan EF  
Replacing: 2G series.

A: 95.50 B: 76.30 mm


**A S I**

**112836<sup>#</sup>** Alternator 14 V, 65 Amp.

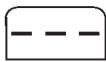
 Replacing: GL239, GL236A, GL236, GL230A,  
GL230, GL229, GL228, GL226, GL222,  
E9EF10300BA, E87F10300CA

Servicing: Ford, Mercury

B+ Plug, Pulley w/o, Fan EF

Replacing: 2G series.

B: 76.30 mm


**A S I**

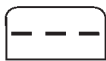
**112837<sup>#</sup>** Alternator 14 V, 65 Amp.

 Replacing: GL244A, GL244-A, GL244,  
GL238A, GL238, GL224, GL-244A,  
EDE57F10300BA, EDE57F10300AA,  
E9UF10300DA

Servicing: Ford

 B+ Plug, Grooves 6, Pulley SP, Fan EF  
Replacing: 2G series.

A: 95.50 B: 76.20 mm


**A S I**

**112838<sup>#</sup>** Alternator 14 V, 65 Amp.

 Replacing: GL258, GL234A, GL234, GL225,  
F0TU10300CA, E7TF10300SA, E7PZ10346N,  
E7PZ10346J, E7PF10346XA

Servicing: Ford, Mercury

 B+ Plug, Grooves 6, Pulley SP, Fan EF  
Replacing: 2G series.

A: 95.50 B: 76.00 mm


**A S I**

**112839<sup>#</sup>** Alternator 14 V, 75 Amp.

 Replacing: GL260, F0TU10300DA,  
E8TF10300CA, E8PZ10346C, E8PF10346DA

Servicing: Ford

B+ Plug, Grooves 6, Pulley SP, Fan EF

Replacing: 2G series.

A: 95.50 B: 76.20 mm


**A S I**

**112840<sup>#</sup>** Alternator 14 V, 80 Amp.

 Replacing: GL296, GL268, F0TU10300HA,  
F0TU10300GA, F0PZ10346F, E9PZ10346C,  
E9PF10346CB, E9PF10346C

Servicing: Ford

B+ Plug, Pulley w/o, Fan EF

Replacing: 2G series.

B: 76.30 mm


**A S I**

**112841<sup>#</sup>** Alternator 14 V, 75 Amp.

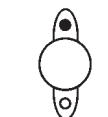
 Replacing: GL240A, GL240, F0EU10300AA,  
EDE7DF10300GA, EDE6DF10300EA,  
E87F10300BA, E87F10300AB, E87F10300AA

Servicing: Ford, Mercury

B+ Plug, Grooves 6, Pulley SP, Fan EF

Replacing: 2G series.

A: 95.75 B: 76.15 mm


**A S I**

**112842** Alternator 14 V, 75 Amp.

Replacing: GL520, E9PZ10346A, E99F10300BA

Servicing: Ford

B+ Plug, Grooves 6, Pulley SP, Fan EF

Replacing: 2G series.

A: 96.00 B: 76.20 mm





**112843<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: GL283, GL282, FOPZ10346B, FOPZ10346A, FOPF10346BA, FOPF10346AA, F09F10300BA, F09F10300AA

Servicing: Ford

B+ Plug, Pulley w/o, Fan EF

Replacing: 2G series.

B: 53.20/56.50

C: 74.00 mm



**112916<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: GL295, GL267, F0TU10300FA, FOPZ10346E, E9PZ10346B, E9PF10346AB, E9PF10346AA, E99F10300AB

Servicing: Ford, Mitsubishi

Pulley w/o, Fan EF

Replacing: 2G series.

B: 76.00 mm



**112921** Alternator 14 V, 95 Amp.

Replacing: GL312, F3VU10300AA, F1VY10346B, F1VU10300BC, F1VU10300BB

Servicing: Ford, Lincoln, Mercury

B+ M6, Grooves 7, Pulley SP, Fan IF

Replacing: 3G series.

A: 50.00 B: 25.70 mm



**112914** Alternator 14 V, 100 Amp.

Replacing: E7TF10300GA, E1VF10300AA, E1BF10300CA, D9BF10300AA, D8VF10300BA

Servicing: Ford, Lincoln, Mercury

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: 1G series. Regulator: Cargo 130506.

A: 104.50

B: 76.35 mm



**112917<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: GL262A, E9PZ10346D, E9EF10300AA, E8PF10346CB, E8EF10300AB

Servicing: Ford

B+ Plug, Pulley w/o, Fan EF

Replacing: 2G series.

B: 76.10 mm



**112922<sup>#</sup>** Alternator 14 V, 95 Amp.

Replacing: GL309, GL277, F13Z10346A, F13U10300AD, F13U10300AC, F0PU10346MC, F0DZ10346D, F0DZ10346A, F0DZ103460

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 98.00 B: 76.40 mm



**112915<sup>#</sup>** Alternator 14 V, 100 Amp.

Replacing: GLE172, GL155, F0PU10346RA, F0DU10300DA, E9PZ10346E, E9PF10346DA, E9DF10300EA, E8PZ10346B

Servicing: Ford, Lincoln, Mercury

B+ 1/4" UNC, Grooves 6, Pulley SP, Fan EF

Replacing: 1G series.

A: 99.50

B: 76.20 mm



**112918<sup>#</sup>** Alternator 14 V, 95 Amp.

Replacing: GL490, GL405, F7PZ10346JA, F7PU10346JA, F7PU10300JA

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 39.45 B: 55.45 C: 73.00 mm



**112923<sup>#</sup>** Alternator 14 V, 95 Amp.

Replacing: GL321, GL-321, F6UU10300AA, F6PZ10346HA, F2UZ10346C, F2UU10346DA, F2UU10300EA, F2UU-10346-DA

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 98.00 B: 76.10 mm



**112920<sup>#</sup>** Alternator 14 V, 130 Amp.

Replacing: GL301, F58Z10346A, F58U10300AA, F0PU10346AD, F0DZ10346E, F0DZ10346C, F0DZ10346B, F0DU10300BC

Servicing: Ford, Lincoln, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 98.00 B: 76.20 mm





A S I


**112924** Alternator 14 V, 130 Amp.

Replacing: GL390, GL-390, F6UU10300DA, F6UU-10300-DA, F6PZ10346XA, F6PZ-10346-XA, F6PU10346XA, F6PU-10346-XA

Servicing: Ford

B+ M6, Grooves 2, Pulley DP, Fan IF

Replacing: 3G series.

A: 102.50 B: 76.00 mm



A S I


**112925** Alternator 14 V, 130 Amp.

Replacing: GL319, GL-319, F2UU10300BE, F2UU-10300-BE

Servicing: Ford

B+ M6, Grooves 5, Pulley SP, Fan IF

Replacing: 3G series.

A: 99.00 B: 76.30 mm



A S I


**112926<sup>#</sup>** Alternator 14 V, 130 Amp.

Replacing: GL314, GL-314, F1PU10346BE, F1DZ10346B, F1DZ10346A, F1DZ-10346-B, F1DZ-10346-A, F1DU10346AE

Servicing: Ford, Mercury

B+ M6, Grooves 5, Pulley SP, Fan IF

Replacing: 3G series.

A: 100.50 B: 76.50 mm



I S A


**112927** Alternator 14 V, 130 Amp.

Replacing: GL317, GL-317, F6PU10346AA, F6PU-10346-AA, F6AZ10346AA, F6AZ-10346-AA, F3PU10346AC, F3PU-10346-AC

Servicing: Ford, Lincoln, Mercury

B+ M5, Grooves 6/7, Pulley SP, Fan IF

Replacing: 3G series.

A: 49.50 B: 25.30 mm



A S I


**112928<sup>#</sup>** Alternator 14 V, 95 Amp.

Replacing: GL318, GL-318, F6UZ10346SA, F6UZ-10346-SA, F6UU10300BA, F6UU-10300-BA, F6PZ10346KA, F6PZ-10346-KA

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 98.00 B: 76.20 mm



A S I


**112929<sup>#</sup>** Alternator 14 V, 95 Amp.

Replacing: GL279, GL-279, F5HT10300AA, FOVY10346B, FOVY10346A, FOVY-10346-A, FOVU10300AC, FOVU10300AB

Servicing: Lincoln

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 97.60 B: 76.30 mm



A S I


**112931** Alternator 14 V, 130 Amp.

Replacing: GL329, GL-329, F3DU10300BB, F3DU-10300-BB

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: 3G series.

A: 97.00 B: 77.00 mm



I S A


**112932** Alternator 14 V, 130 Amp.

Replacing: F5AU10300AA, F3AZ10346A, F3AU10300CA, F3AU-10300-CA

Servicing: Ford, Lincoln, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 49.00 B: 25.50 mm



A S I


**112933** Alternator 14 V, 130 Amp.

Replacing: GL344, GL-344, F8ZU-10300-AA, F4ZU10300DA, F4ZU-10300-DA, F4SU10300AB, F4SU-10300-AB, F4PZ10346B

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 97.00 B: 76.25 mm



A S I


**112934<sup>#</sup>** Alternator 14 V, 130 Amp.

Replacing: GL342, GL-342, F4PZ10346C, F4PZ-10346-C, F4PU10346CA, F4PU10300CA, F4PU-10346-CA, F4OU10300CA

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 35.00 B: 12.40 C: 80.50 mm



**112935<sup>#</sup>** Alternator 14 V, 115 Amp.

Replacing: GL387, GL352, GL325, GL-387, GL-352, GL-325, F6PZ10346TA, F6PZ10346AF, F6PZ-10346-TA, F6PZ-10346-AF

Servicing: Ford

B+ M6, Grooves 2, Pulley DP, Fan IF

Replacing: 3G series.

A: 101.00 B: 76.00 mm



**112936** Alternator 14 V, 130 Amp.

Replacing: GL428, GL-428, F8PZ10346CA, F8PZ-10346-CA, F8PU10346CA, F8PU-10346-CA, F8DU10300AA, F8DU-10300-AA

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 97.50 B: 76.20 mm



**112938<sup>#</sup>** Alternator 14 V, 130 Amp.

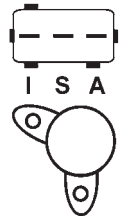
Replacing: F5PU10346CA, F5PU-10346-CA, F58Z10346ARM, F58Z-10346-ARM, F58U10300AB, F58U-10300-AB, F4DU10300CA

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 97.50 B: 76.00 mm



**112939** Alternator 14 V, 130 Amp.

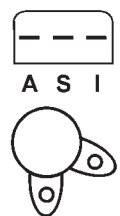
Replacing: XS9110300AB, R96BB10300BA, GL481, GL416, GL385, GL347, F6RZ10346BB, F6RZ-10346-BB, F6RU10300AA

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 49.00 B: 25.75 mm



**112940** Alternator 14 V, 95 Amp.

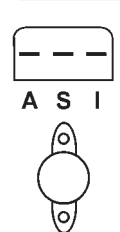
Replacing: GL372, GL-372, F7UU10300AB, F6PZ10346RA, F6PZ-10346-RA, F65U10300EA, F65U-10300-EA

Servicing: Ford

B+ M6, Grooves 8, Pulley SP, Fan IF

Replacing: 3G series.

A: 48.50 B: 25.30 mm



**112941<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: GL367, GL-367, F7PU10346CB, F7PU-10346-CB, F7CZ10346CB, F7CZ-10346-CB, F7CU10300CB, F7CU-10300-CB

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 3G series.

A: 43.35 B: 13.40 C: 66.70 mm



**112942** Alternator 14 V, 130 Amp.

Replacing: XW7Z10346AA, XW7U10300AA, GL434RM, GL434, GL406, GL384, GL-406, GL-384, F8OZ10346CA, F8OZ-10346-CA

Servicing: Ford, Lincoln, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 4G series.

A: 49.50 B: 30.60 mm



**112943** Alternator 14 V, 130 Amp.

Replacing: GL357, GL356, GL-357, GL-356, F6ZZ10346B, F6ZZ-10346-B, F6ZU10300BG, F6ZU10300BE, F6ZU10300BC

Servicing: Ford, Lincoln

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 4G series.

A: 49.00 B: 30.50 mm



**112944** Alternator 14 V, 130 Amp.

Replacing: YF1Z10346E, YF1U10300EN, YF1U10300EB, YF0U10300EA, GL452RM, GL452, GL355, GL-355, F6DZ10346B

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: 4G series.

A: 74.35 B: 45.00 mm




**112946** Alternator 14 V, 130 Amp.

Replacing: XL2Z10346AA, XL2Z-10346-AA, XL2U10300AA, GL423RM, GL423, GL363, GL-363, F77Z10346AB, F77Z-10346-AB

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 4G series.

A: 39.50 B: 55.50 C: 56.00 mm


**112947** Alternator 14 V, 135 Amp.

Replacing: GL407, GL-407, F8AZ10346AB, F8AZ-10346-AB, F8AU10300AC, F8AU10300AB, F8AU-10300-AC, F8AU-10300-AB

Servicing: Ford, Lincoln, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 49.35 B: 25.75 mm


**112949** Alternator 14 V, 110 Amp.

Replacing: GL412RM, GL412, F81Z10346EA, F81Z-10346-EA, F81U10300EB, F81U-10300-EB

Servicing: Ford

B+ M6, Grooves 8, Pulley SP, Fan IF  
Replacing: 6G series.

A: 40.00 B: 55.00 C: 74.00 mm


**112950<sup>#</sup>** Alternator 14 V, 110 Amp.

Replacing: GL422RM, GL422, F81Z10346GA, F81Z-10346-GA, F81U10300GA, F81U-10300-GA

Servicing: Ford

B+ M6, Grooves 8, Pulley SP, Fan IF  
Replacing: 6G series.

A: 39.50 B: 54.60 C: 74.00 mm


**112951** Alternator 14 V, 105 Amp.

Replacing: XF2Z10346AA, XF2Z-10346-AA, XF2U10300AB, XF2U-10300-AB, GL425

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 98.00 B: 76.30 mm


**112952<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: XS9110300BC, XS9110300BB, XS91-10300-BC, XS91-10300-BB, XS8Z10346BB, XS8Z-10346-BB, GL431, GL419RM

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 33.50 B: 14.00 C: 63.00 mm


**112953** Alternator 14 V, 110 Amp.

Replacing: GL411, GL-411, F81Z10346DA, F81Z-10346-DA, F81U10300DE, F81U10300DD, F81U10300DC, F81U10300DB

Servicing: Ford

B+ M6, Grooves 8, Pulley SP, Fan IF  
Replacing: 6G series.

A: 39.50 B: 55.50 C: 74.00 mm


**112954** Alternator 14 V, 105 Amp.

Replacing: XR3Z10346AA, XR3Z-10346-AA, XR3U10300AB, XR3U10300AA, XR3U-10300-AB, XR3U-10300-AA, GL424RM, GL424

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 50.00 B: 25.50 mm

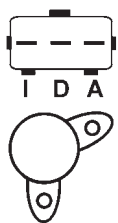

**112956** Alternator 14 V, 130 Amp.

Replacing: XF2Z10346BA, XF2Z-10346-BA, XF2U10300BC, XF2U-10300-BC, GL426RM, GL426

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 39.50 B: 55.50 C: 74.00 mm


**112958** Alternator 14 V, 110 Amp.

Replacing: GL462RM, GL462, GL456RM, GL456, 98AZ10346EN, 98AZ10346EA, 98AZ-10346-EA, 98AB10300EB, 98AB-10300-EB

Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 33.85 B: 14.25 C: 63.30 mm


**112959** Alternator 14 V, 110 Amp.

Replacing: GL455RM, GL455, 98AZ10346FA, 98AZ-10346-FA, 98AB10300FC, 98AB-10300-FC

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 40.00 B: 55.00 C: 75.00 mm

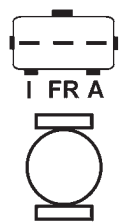

**112960**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: XS9110300AE, XS91-10300-AE, XS8Z10346AA, XS8Z-10346-AA

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 40.00 B: 55.00 C: 74.00 mm


**112961** Alternator 14 V, 110 Amp.

Replacing: GL463, 1L8Z10346CB, 1L8Z-10346-CB, 1L8U10300CE, 1L8U10300CD, 1L8U-10300-CE, 1L8U-10300-CD

Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 6G series.

A: 40.50 B: 55.20 C: 74.00 mm


**112962**<sup>#</sup> Alternator 14 V, 130 Amp.

Replacing: F85U10300BA, F85U-10300-BA, F65U10300BB, F65U-10300-BB

Servicing: Ford, Lincoln, Mercury

B+ M6, Grooves 8, Pulley SP, Fan IF  
Replacing: 3G series.

A: 49.65 B: 25.75 mm


**112993** Alternator 14 V, 130 Amp.

Replacing: GL358, GL332, GL-358, GL-332, F8ZU10300AA, F5HZ10346A, F4PU10346BA, F4HT10300KA, F4HT10300FA

Servicing: Cummins, Ford, International, Volvo

B+ 1/4« UNF, Terminal W, Pulley w/o, Fan EF

Replacing: 21SI. Negative grounding. One wire system. B+ 1/4«.

B: 14.20 C: 101.50 mm


**113013**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: GL94, GL-94, D4HZ10346B, D4HZ-10346-B, D4HF10346BA, D4HF10300BA, D4HF-10346-BA, D4HF-10300-BA

Servicing: Ford

B+ 1/4« UNC, Pulley w/o, Fan w/o  
Replacing: 1G series. Regulator: Cargo 130506.

B: 75.80 mm


**113236** Alternator 14 V, 75 Amp.

Replacing: GL276, GL-276, FOCU10346A, F3CU10346AC, F3CU10300AD, F23Z10346A, F23Z-10346-A, F23U10300DA

Servicing: Ford, Mercury

B+ M6, Grooves 6, Pulley SP, Fan IF  
Replacing: 3G series.

A: 43.50 B: 13.10 C: 64.30 mm

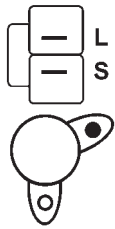

**113285** Alternator 14 V, 75 Amp.

Replacing: YC1U10300DE, YC1U10300DC, YC1U10300DB, YC1U10300DA, YC1U10300BB, YC1T10300BJ, YC1T10300BH

Servicing: Ford

B+ M6, Grooves 7, Pulley SP/FW, Fan IF w/ single pulley: Cargo 113544.

A: 38.60 B: 55.25 C: 74.50 mm


**113368**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: GLE328, GLE-328, GL322, GL-322, F3XY10346A, F3XA10300AC, F3XA10300AB, A4T02591ZC

Servicing: Mercury, Nissan

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 41.00 B: 25.30 C: 80.90 mm


**113369**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: GL420, GL362, GL-420, GL-362, F8XZ10346AA, F8XA10300AA, F6XZ10346AA, F6XA10300AB, F6XA10300AA

Servicing: Mercury, Nissan

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 41.00 B: 25.45 C: 80.75 mm

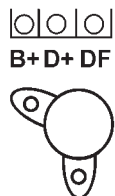

**113370**<sup>#</sup> Alternator 14 V, 125 Amp.

Replacing: XF5Z10346AA, XF5210300AC, GL421, GL-421

Servicing: Mercury, Nissan

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 40.85 B: 25.50 C: 80.65 mm


**113447** Alternator 14 V, 70 Amp.

Replacing: R96FB10300DD, 96FB10300DE, 96FB10300DD, 96FB10300DC, 1036244

Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 13.90 C: 80.20 mm


**113535** Alternator 14 V, 85 Amp.

Replacing: 9S5110346BB, 9S5110346BA, 1673521, 1535437

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 16.30 B: 24.20 C: 51.00 mm


**113548** Alternator 14 V, 90 Amp.

Replacing: E9NN10300AA

B+ M8, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 51.00 mm


**113553**<sup>#</sup> Alternator 14 V, 120 Amp.

Replacing: F3LY10346A, F3LU10300BC, F3LU10300BB, F3LU10300BA

Servicing: Lincoln

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 49.50 B: 31.70 mm

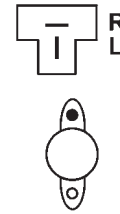

**113554**<sup>#</sup> Alternator 14 V, 120 Amp.

Replacing: GLE327, F3DZ10346A, F3DU10300CB

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 49.00 B: 31.60 mm

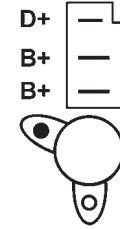

**113562** Alternator 14 V, 40 Amp.

Replacing: SBA185046320

Servicing: Ford, New Holland

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 12.90 C: 81.50 mm


**113574** Alternator 14 V, 65 Amp.

Replacing: 81DB10300BA, 6173461

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm


**113599** Alternator 14 V, 80 Amp.

Replacing: YS6110300CC, YS6110300CA, YS1610300CC, 1128296

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.20 B: 16.70 C: 53.90 mm


**113621** Alternator 14 V, 115 Amp.

Replacing: 1C1T10300BB

Servicing: Ford, New Holland

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.55 B: 14.10 C: 83.35 mm





**113623** Alternator 14 V, 70 Amp.

Replacing: F2NN10B376CA, F2NN10B376BA, F0NN10B376AA

Servicing: Ford, Honda

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 12.00 C: 82.60 mm



**113624#** Alternator 14 V, 70 Amp.

Replacing: 95FB10300AA, 1012257

Servicing: Ford

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.75 C: 82.95 mm



**113708** Alternator 14 V, 115 Amp.

Replacing: 1S7TT10300CC, 1S7TT10300CB, 1S7T10300CF, 1S7T10300CE, 1S7T10300CD, 1S7T10300CC, 1S7T10300CB

Servicing: Ford

B+ M6, Grooves 6, Pulley SP/FW, Fan IF

A: 41.00 B: 55.00 C: 74.00 mm



**113709** Alternator 14 V, 115 Amp.

Replacing: 1S7T10300DF, 1S7T10300DE, 1S7T10300DD, 1S7T10300DC, 1S7T10300DB, 1S7T10300DA, 1S7T10300BE

Servicing: Ford, Jaguar

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 55.00 C: 86.50 mm



**113710** Alternator 14 V, 110 Amp.

Replacing: 5128966, 4531026, 4531025, 4394204, 4374448, 4374447, 4371001, 4371000, 2T1U10300CF, 2T1U10300CE

Servicing: Ford

B+ M5, Pulley w/o, Fan IF

B: 14.00 C: 69.00 mm



**113765** Alternator 14 V, 90 Amp.

Replacing: FOHU10346FA, FOHU10346CA, EZHT10346EB, E4HT10300AA, E2HT10300GA, E2HT10300FA, E2HT10300EB

B+ 1/4« UNC, Terminal W, Pulley w/o

B: 76.05 mm



**113833** Alternator 14 V, 90 Amp.

Replacing: R97KB10300AA, 97KB10300AB, 97KB10300AA, 1135454, 1032333, 1025547

Servicing: Ford

B+ M8, Terminal DF, Grooves 6,

Pulley SP, Fan IF

DF M5.

A: 33.00 B: 13.80 C: 78.60 mm



**113849** Alternator 14 V, 150 Amp.

Replacing: 3M5T10300YD, 3M5T10300YC, 3M5T10300YB, 1477738, 1255711, 1229259

Servicing: Ford, Mazda, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 42.50 B: 21.00 C: 45.00 mm



**113883** Alternator 14 V, 90 Amp.

Replacing: 3S5T10300AB, 3S5T10300AA, 2S6T10300FC, 2S6T10300FB, 2S6T10300FA, 1479818, 1464755, 1450644, 1229424

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 39.58 B: 54.87 C: 74.00 mm



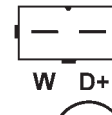
**113884** Alternator 14 V, 150 Amp.

Replacing: YM2110300CA, 6M2110346CA, 1580265, 1188206, 118206

Servicing: Ford, Seat, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 38.50 B: 14.35 C: 59.00 mm



**113885** Alternator 14 V, 150 Amp.

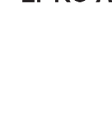
Replacing: R95VW10300SA, 95VW10300SA, 7361233, 1012459

Servicing: Audi, Ford, Mercedes-Benz, Seat, VW

B+ M8, Terminal W, Grooves 7,

Pulley SP, Fan IF

A: 42.85 B: 14.15 C: 61.00 mm



**113912** Alternator 14 V, 80 Amp.

Replacing: 3S6T10300AD, 3S6T10300AC, 3S6T10300AB, 3S6T10300AA, 2S6T10300AC, 2S6T10300AB, 2S6T10300AA, 1545138

Servicing: Ford, Mazda

B+ M8, Pulley w/o, Fan IF

B: 21.00 C: 45.00 mm


**113913** Alternator 14 V, 124 Amp.

Replacing: YC1U10300EC, YC1U10300EA, 4461712, 4362258, 2C1T10300BB, 2C1T10300BA

Servicing: Ford

 B+ M6, Grooves 7, Pulley SP/FW, Fan IF  
 A: 40.00 B: 55.00 C: 74.00 mm

**113914** Alternator 14 V, 100 Amp.

Replacing: R95VB10300BB, 98VB10300BC, 95VB10300BC, 95VB10300BB, 1072455

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 33.30 B: 14.00 C: 82.70 mm


**113920** Alternator 28 V, 35 Amp.

Replacing: 1021198

Servicing: MAN, Mercedes-Benz, Padane

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.40 mm

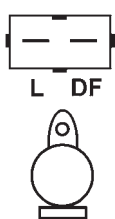

**113922** Alternator 14 V, 120 Amp.

Replacing: 3M5T10300PD, 3M5T10300PC, 3M5T10300PB, 1477737, 1255712, 1229258

Servicing: Ford, Mazda, Volvo

B+ M8, Pulley SP/FW, Fan IF

A: 42.50 B: 22.00 C: 45.00 mm


**113952** Alternator 14 V, 70 Amp.

Replacing: 98MF10300CC, 98MF10300CB, 98MF10300CA, 1122238, 1098747, 1088304

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 11.00 B: 72.00 C: 52.00 mm


**113958** Alternator 14 V, 150 Amp.

Replacing: 6C1T10300BD, 6C1T10300BC, 6C1T10300BB, 6C1T10300BA, 1581843, 1404791

Servicing: Citroen, Fiat, Ford, Peugeot

B+ M8, Pulley w/o, Fan IF

B: 92.80 C: 74.00 mm


**113978\*** Alternator 14 V, 120 Amp.

Replacing: 3M5T10300VD, 3M5T10300VC, 3M5T10300VB, 1530299, 1256552

Servicing: Ford

B+ M8, Pulley SP/FW, Fan IF

B: 72.00 C: 68.80 mm


**114063\*** Alternator 14 V, 150 Amp.

Replacing: 6G9N10300TD, 6G9N10300TC, 1420869

Servicing: Ford


**114066** Alternator 14 V, 90 Amp.

Replacing: YS6110300DB, 1117829

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 14.00 C: 54.00 mm


**114129** Alternator 14 V, 90 Amp.

Replacing: 2S6T10300DE, 2S6T10300DD, 2S6T10300DC, 2S6T10300DB, 1592234, 1478281, 1436603, 1140139

Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 11.00 B: 72.00 C: 52.00 mm

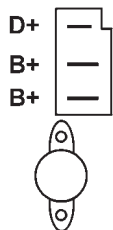

**114248** Alternator 14 V, 150 Amp.

Replacing: 4M5T10300UC, 4M5T10300UB, 1477740, 1352431

Servicing: Ford

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 52.00 mm



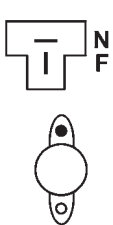
**110107** Alternator 14 V, 55 Amp.

Replacing: LR150-191, LR150-190

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm



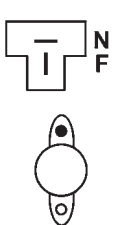
**110128** Alternator 14 V, 35 Amp.

Replacing: LT135-69, LT135-54, LT135-36C, LT135-36, LT135-35C, LT135-35B, LT135-35A, LT135-35, LT135-30

Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM

B+ M6, Grooves 1, Pulley P, Fan EF

A: 38.50 B: 11.50 C: 80.50 mm



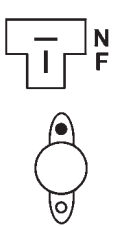
**110129** Alternator 14 V, 50 Amp.

Replacing: LT160-23B, LT160-23, LT150-68, LT150-59, LT150-49, LT150-47, LT150-46, LT150-45, LT150-24B

Servicing: Isuzu, Nissan, Subaru

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.00 B: 13.50 C: 80.50 mm



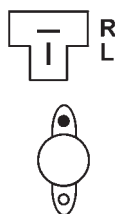
**110131** Alternator 14 V, 50 Amp.

Replacing: LT150-48, LT150-26B, LT150-26, LT150-25, LT150-22B, LT150-22, LT150-19, LT150-188, LT150-18

Servicing: Chevrolet, Isuzu, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 40.75 B: 13.50 C: 80.80 mm



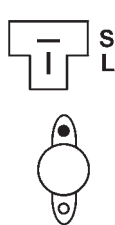
**110134** Alternator 14 V, 55 Amp.

Replacing: LR150-165

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.00 B: 12.50 C: 80.50 mm



**110168** Alternator 14 V, 50 Amp.

Replacing: LR150-99B, LR150-99, LR150-98E, LR150-98B, LR150-98, LR150-67, LR150-66, LR150-58, LR150-53

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 13.00 C: 81.00 mm



**110264** Alternator 14 V, 40 Amp.

Replacing: LR140-133, LR140-132, LR138-01, LR135-70B, LR135-70, LR135-61B, LR135-61, LR135-133, LR135-132

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.50 B: 13.20 C: 80.20 mm



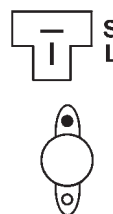
**110267** Alternator 14 V, 55 Amp.

Replacing: LR160-138, LR160-137, LR155-25, LR155-18, LR155-17, LR155-15C, LR155-15B, LR155-15, LR150-110C

Servicing: Subaru

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.00 B: 13.50 C: 80.25 mm



**110307** Alternator 14 V, 60 Amp.

Replacing: LR160-78B, LR160-78, LR160-77, LR160-74, LR160-124, LR160-121, LR160-120, LR160-116, LR160-109C

Servicing: Mazda, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 13.10 C: 80.40 mm



**110383**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: LR150-30B, LR150-30

Servicing: Mazda, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.50 B: 13.00 C: 80.50 mm



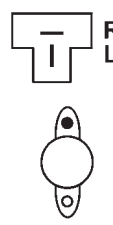
**110385** Alternator 14 V, 40 Amp.

Replacing: LR140-128

Servicing: Bedford, Subaru, Suzuki

B+ M6, Grooves 1, Pulley P, Fan EF

A: 41.60 B: 13.20 C: 66.60 mm



**110448** Alternator 28 V, 20 Amp.

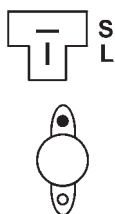
Replacing: LR220-24, LR220-23

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 81.30 mm



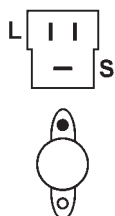

**110458** Alternator 14 V, 60 Amp.

Replacing: LR160-84B, LR160-84, LR160-82B, LR160-82, LR160-44

Servicing: Nissan

B+ M5, Terminal W, Grooves 1, Pulley P, Fan EF

A: 41.50 B: 13.00 C: 80.50 mm

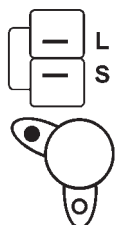

**110567** Alternator 28 V, 25 Amp.

Replacing: LR225-67P, LR225-67B, LR225-67, LR225-65P, LR225-65E, LR225-65C, LR225-65B, LR225-65, LR225-60

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 42.10 B: 13.67 C: 81.12 mm

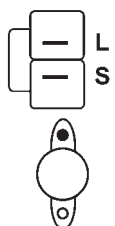

**110630** Alternator 14 V, 70 Amp.

Replacing: LR170-716B, LR170-716, LR170-715B, LR170-715

Servicing: Nissan

B+ M6, Grooves 6/4, Pulley SP, Fan EF

A: 35.35 B: 19.88 C: 81.30 mm

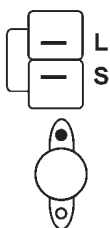

**110631** Alternator 14 V, 70 Amp.

Replacing: LR170-738E, LR170-738C, LR170-738B, LR170-738, LR165-708E, LR165-708C, LR165-708B, LR165-708

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 24.85 C: 82.20 mm

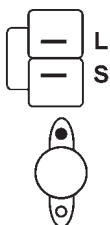

**110632** Alternator 14 V, 65 Amp.

Replacing: LR165-707B, LR165-707

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.80 B: 25.00 C: 80.80 mm

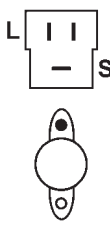

**110693** Alternator 14 V, 60 Amp.

Replacing: LR160-715

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.80 B: 13.00 C: 81.20 mm

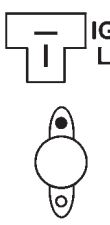

**110694** Alternator 14 V, 40 Amp.

Replacing: LR140-408, LR140-402, LR140-130P, LR140-130B, LR140-130, LR140-119C, LR140-119

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.10 C: 80.45 mm


**110696**<sup>#</sup> Alternator 14 V, 45 Amp.

Replacing: LR145-710, LR145-701GB, LR145-701GA, LR145-701F, LR145-701C, LR145-701B, LR145-701, LR140-705

Servicing: Subaru

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.00 B: 13.00 C: 67.00 mm


**110697** Alternator 14 V, 50 Amp.

Replacing: LR150-55B, LR150-55, LR150-205B, LR150-205, LR150-201B, LR150-201, LR150-155B, LR150-155

Servicing: Chevrolet, Isuzu, Opel

B+ 9.30, Grooves 1, Pulley P, Fan EF

A: 48.85 B: 13.25 C: 98.65 mm

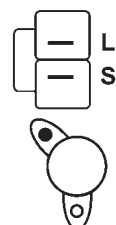

**110699** Alternator 14 V, 50 Amp.

Replacing: LR155-414G, LR155-414F, LR155-414B, LR155-414, LR155-410G, LR155-410F, LR155-410BA, LR155-410B

Servicing: Ford, Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 50.90 B: 13.00 C: 80.25 mm

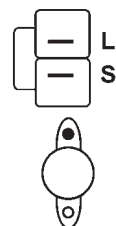

**110700** Alternator 14 V, 50 Amp.

Replacing: LR150-443T, LR150-443S, LR150-428T, LR150-428S, LR150-428E, LR150-428C, LR150-428

Servicing: Nissan

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 42.30 B: 13.90 C: 81.00 mm


**110701** Alternator 14 V, 50 Amp.

Replacing: LR150-435T, LR150-435S, LR150-435, LR150-430T, LR150-430S, LR150-430C, LR150-430

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 41.80 B: 13.30 C: 80.50 mm


**110702** Alternator 14 V, 70 Amp.

Replacing: LR160-164, LR155-408, LR155-16P, LR155-16B, LR150-79S, LR150-79H, LR150-79F, LR150-79E, LR150-79C

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.25 B: 13.30 C: 80.45 mm


**110703** Alternator 14 V, 55 Amp.

Replacing: LR155-23, LR150-64, LR150-200, LR150-199, LR150-151B, LR150-151, LR150-111

Servicing: Nissan, Subaru

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.66 B: 13.00 C: 80.25 mm


**110706** Alternator 14 V, 60 Amp.

Replacing: LR160-450, LR160-441F, LR160-441, LR160-440G, LR160-440F, LR160-440, LR160-412S, LR160-412G

Servicing: Ford, Kia, Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 50.75 B: 12.85 C: 80.05 mm


**110707** Alternator 14 V, 60 Amp.

Replacing: LR160-422B, LR160-422

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.25 C: 80.50 mm


**111186** Alternator 14 V, 70 Amp.

Replacing: LR170-427C, LR170-427BA, LR170-427B, LR170-427A, LR170-427, LR170-420B, LR170-420A, LR170-420

Servicing: Opel, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 78.20 mm


**111187** Alternator 14 V, 70 Amp.

Replacing: LR170-411P, LR170-411F, LR170-411E, LR170-411D, LR170-411C, LR170-411B, LR170-411A, LR170-411

Servicing: Opel, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 13.15 C: 77.35 mm


**111235** Alternator 14 V, 70 Amp.

Replacing: LR170-415C, LR170-415B, LR170-415

Servicing: Opel

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 41.65 B: 13.25 C: 77.65 mm


**111236** Alternator 14 V, 70 Amp.

Replacing: LR170-405

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.30 C: 80.70 mm


**111264** Alternator 14 V, 80 Amp.

Replacing: LR180-737C, LR180-737B, LR180-736C, LR180-736B, LR180-736, LR180-725E, LR180-725C, LR180-725B

Servicing: Infiniti, Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 37.85 B: 25.45 C: 81.15 mm

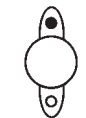

**111265** Alternator 14 V, 90 Amp.

Replacing: LR190-711G, LR190-711F, LR190-711, LR190-709B, LR190-709, LR190-704B, LR190-704

Servicing: Infiniti, Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.75 B: 12.65 C: 81.60 mm


**111266** Alternator 14 V, 70 Amp.

Replacing: LR170-739B, LR170-739, LR170-734B, LR170-734

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.45 B: 12.50 C: 82.45 mm


**111267** Alternator 14 V, 50 Amp.

Replacing: LR150-78E, LR150-78C, LR150-78B, LR150-78, LR150-453B, LR150-453, LR150-449C, LR150-449B, LR150-449

Servicing: Isuzu, Opel, Vauxhall

B+ 9.30, Grooves 1, Pulley P, Fan IF

A: 48.00 B: 13.00 C: 81.50 mm


**111290<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: LR150-212, LR150-211B, LR150-211, LR150-206, LR150-204, LR150-202

Servicing: Isuzu

B+ M5, Grooves 1, Pulley P, Fan EF

A: 43.00 B: 13.00 C: 77.45 mm

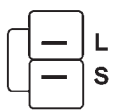

**111291** Alternator 14 V, 55 Amp.

Replacing: LR155-419B, LR155-419, LR155-418B, LR155-418, LR150-439B, LR150-439, LR150-438B, LR150-438

Servicing: Bedford, Isuzu, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 40.30 B: 13.10 C: 80.45 mm

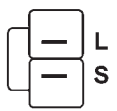

**111294** Alternator 14 V, 70 Amp.

Replacing: LR170-504C, LR170-504B, LR170-504, LR170-502Q, LR170-502P, LR170-502C, LR170-502B, LR170-502

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 41.65 B: 13.20 C: 80.50 mm

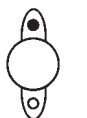

**111308<sup>#</sup>** Alternator 14 V, 65 Amp.

Replacing: LR165-709B, LR165-709

Servicing: Ford, Hyundai, Mazda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.00 B: 13.20 C: 66.20 mm

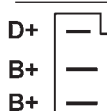

**111316** Alternator 14 V, 60 Amp.

Replacing: LR160-437T, LR160-437S, LR160-437, LR160-436T, LR160-436S, LR160-436, LR160-427T, LR160-427S

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 60.10 B: 14.00 C: 81.15 mm

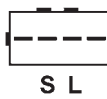

**111364** Alternator 14 V, 55 Amp.

Replacing: LR150-189

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm

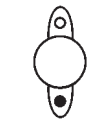
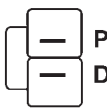

**111381** Alternator 14 V, 110 Amp.

Replacing: LR1110-723E, LR1110-723C, LR1110-723B, LR1110-723, LR1110-720, LR1110-709B, LR1110-709, LR1110-705F

Servicing: Infiniti, Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.40 B: 13.25 C: 80.50 mm


**111384** Alternator 14 V, 70 Amp.

Replacing: LR170-758

Servicing: Kia, Mazda

 B+ M8, Grooves 4, Pulley SP, Fan IF  
ECU controlled.

A: 37.65 B: 13.15 C: 67.35 mm


**111433<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: LR170-717, LR170-714

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.25 B: 13.40 C: 81.30 mm


**111467** Alternator 14 V, 70 Amp.

Replacing: LR170-422B, LR170-422, LR170-419B, LR170-419

Servicing: Opel, Vauxhall

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 41.00 B: 13.00 C: 77.50 mm


**111493** Alternator 28 V, 35 Amp.

Replacing: LR225-409E, LR225-409B, LR225-409, LR225-408E, LR225-408C, LR225-408B, LR225-408

Servicing: Isuzu

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 45.50 B: 13.50 C: 80.70 mm


**111515** Alternator 14 V, 70 Amp.

Replacing: LR170-511B, LR170-511A, LR170-511, LR170-505E, LR170-505C, LR170-505B, LR170-505

Servicing: AC, Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.00 C: 78.50 mm





**111611** Alternator 14 V, 70 Amp.

Replacing: LR170-732C, LR170-732B, LR170-732

Servicing: Subaru

B+ M6, Grooves 5, Pulley SP, Fan IF  
A: 46.20 B: 13.00 C: 81.30 mm



**111614** Alternator 28 V, 35 Amp.

Replacing: LR235-405T, LR235-405S, LR235-405, LR235-404T, LR235-404S, LR235-404C, LR235-404, LR235-402

Servicing: Nissan

B+ M5, Grooves 2, Pulley DP, Fan EF  
A: 42.00 B: 13.50 C: 81.50 mm

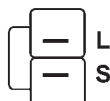


**111692** Alternator 14 V, 70 Amp.

Replacing: LR170-421B, LR170-421, LR170-404E, LR170-404C, LR170-404B, LR170-404

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 46.00 B: 13.00 C: 80.50 mm



**111704** Alternator 14 V, 70 Amp.

Replacing: LR170-750C, LR170-750B, LR170-750, LR170-748B, LR170-748, LR170-746M, LR170-746K, LR170-746J

Servicing: Nissan

B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 37.45 B: 13.00 C: 81.00 mm

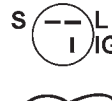


**111726** Alternator 14 V, 80 Amp.

Replacing: LR180-741H, LR180-741C, LR180-741B, LR180-741

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 37.50 B: 25.00 C: 81.00 mm

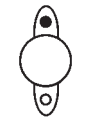


**111767** Alternator 14 V, 80 Amp.

Replacing: LR180-504, LR180-501C, LR180-501B, LR180-501

Servicing: Isuzu, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 49.00 B: 13.10 C: 80.90 mm



**111777#** Alternator 14 V, 60 Amp.

Replacing: LR160-421F, LR160-421E, LR160-421C, LR160-421B, LR160-421

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 32.00 B: 13.00 C: 80.60 mm



**111803** Alternator 14 V, 60 Amp.

Replacing: S114-806A

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 50.50 B: 28.00 mm



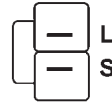
**111831** Alternator 14 V, 100 Amp.

Replacing: LR1100-501B, LR1100-501

Servicing: Opel

B+ M8, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 77.00 mm



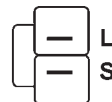
**111955** Alternator 14 V, 80 Amp.

Replacing: LR180-735B, LR180-735

Servicing: Nissan, VW

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 25.00 C: 81.00 mm



**111958#** Alternator 14 V, 60 Amp.

Replacing: LR160-724

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan IF

A: 43.00 B: 13.00 C: 81.30 mm



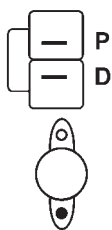
**112002** Alternator 14 V, 120 Amp.

Replacing: LR1120-701

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Terminal W, Pulley w/o, Fan IF  
*Free wheel pulley: Cargo 230293. Washer bosch: Cargo 139931. Washer hitachi: Cargo 133948.*

B: 14.50 C: 59.00 mm

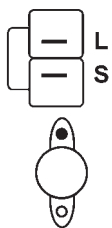

**112067** Alternator 14 V, 80 Amp.

Replacing: LR180-766

Servicing: Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 39.00 B: 12.50 C: 69.00 mm

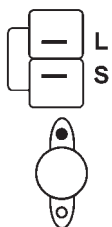

**112086** Alternator 14 V, 60 Amp.

Replacing: LR150-425B, LR150-425

Servicing: Audi, Ford, Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.10 C: 80.40 mm

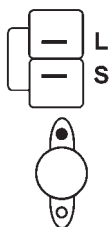

**112092<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: LR170-414E, LR170-414C, LR170-414B, LR170-414, LR170-406F, LR170-406E, LR170-406C, LR170-406B

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 43.25 B: 13.25 C: 80.30 mm

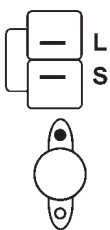

**112093** Alternator 14 V, 70 Amp.

Replacing: LR170-413, LR170-412T, LR170-412S, LR170-412, LR170-408T, LR170-408S, LR170-408C, LR170-408B

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 41.50 B: 13.00 C: 80.00 mm

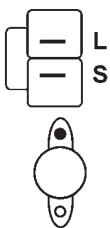

**112206<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: LR170-740B, LR170-740

Servicing: Nissan

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.00 B: 13.00 C: 80.70 mm


**112208<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: LR170-702B, LR170-702

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 81.20 mm


**112228** Alternator 14 V, 60 Amp.

Replacing: LR160-446E, LR160-446C, LR160-446B, LR160-446

Servicing: Isuzu, Opel, Vauxhall

B+ M5-9.40, Grooves 1, Pulley P, Fan EF

A: 48.00 B: 13.00 C: 80.50 mm


**112270** Alternator 14 V, 35 Amp.

Replacing: LR135-95B, LR135-95, LR135-91, LR135-86F, LR135-86C, LR135-86B, LR135-86, LR135-74B, LR135-74

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.85 B: 13.50 C: 81.65 mm


**112271** Alternator 14 V, 100 Amp.

Replacing: LR1100-505E, LR1100-505C, LR1100-505B, LR1100-505, LR1100-504E, LR1100-504C, LR1100-504

Servicing: Opel, Vauxhall

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 36.00 B: 12.90 C: 66.10 mm

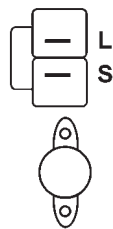

**112272** Alternator 14 V, 70 Amp.

Replacing: LR170-509H, LR170-509G, LR170-509F, LR170-509E, LR170-509C, LR170-509

Servicing: Opel, Vauxhall

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 36.00 B: 13.50 C: 66.30 mm


**112351** Alternator 14 V, 90 Amp.

Replacing: LR190-734H, LR190-734G, LR190-734E, LR190-734C, LR190-734B, LR190-734, LR170-756B, LR170-756

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 43.50 B: 13.00 C: 81.00 mm


**112375** Alternator 14 V, 80 Amp.

Replacing: LR180-03C, LR180-03B, LR180-03A, LR180-03

Servicing: Yanmar

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 41.50 B: 13.15 C: 80.30 mm



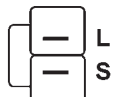
**112477** Alternator 28 V, 25 Amp.

Replacing: LR225-88

Servicing: Mercury

B+ M6, Pulley w/o, Fan EF

B: 13.00 C: 78.20 mm



**112658<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: LR190-505F, LR190-505E, LR190-505C

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 81.50 mm



**112671** Alternator 14 V, 60 Amp.

Replacing: LR160-735B

Servicing: Yanmar

B+ M6, Grooves 1, Pulley P, Fan IF

A: 45.00 B: 13.00 C: 81.65 mm



**112673** Alternator 14 V, 70 Amp.

Replacing: LR170-767B, LR170-760, LR160-734B, LR160-734

Servicing: Isuzu, Opel

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 44.50 B: 13.00 C: 81.40 mm



**112967** Alternator 14 V, 50 Amp.

Replacing: LR150-94B, LR150-197B, LR150-197, LR150-194B, LR150-194

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.70 B: 13.00 C: 80.30 mm



**112968** Alternator 14 V, 60 Amp.

Replacing: LR160-151R, LR160-151

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 80.00 mm



**112969<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: LR180-715

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 36.50 B: 25.00 C: 81.25 mm



**112970** Alternator 14 V, 70 Amp.

Replacing: LR170-701E, LR170-701B, LR170-701

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.50 mm



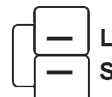
**112971<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: LR180-724

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 81.40 mm



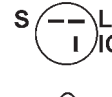
**112972<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: LR160-723B, LR160-723

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 24.80 C: 81.70 mm



**112973<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: LR150-711, LR150-704H, LR150-704, LR150-703, LR150-702

Servicing: Isuzu

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.80 B: 13.00 C: 76.35 mm



**112974<sup>#</sup>** Alternator 14 V, 60 Amp.

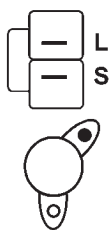
Replacing: LR160-718H, LR160-718

Servicing: Isuzu

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.60 B: 13.30 C: 76.00 mm




**112975<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: LR180-729

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.00 B: 25.00 C: 81.90 mm

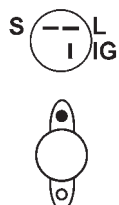

**112977** Alternator 14 V, 60 Amp.

Replacing: LR160-726B, LR160-726

Servicing: Honda, Isuzu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 91.50 B: 57.50 mm

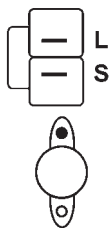

**112978<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: LR160-725B, LR160-725

Servicing: Honda, Isuzu

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 76.80 mm


**112979<sup>#</sup>** Alternator 14 V, 85 Amp.

Replacing: LR185-702C, LR185-702, LR185-701H, LR185-701E, LR185-701C, LR185-701B, LR185-701

Servicing: Subaru

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 81.00 mm

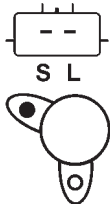

**112981<sup>#</sup>** Alternator 14 V, 110 Amp.

Replacing: LR1110-707J, LR1110-707H, LR1110-707G, LR1110-707F, LR1110-707E, LR1110-707C, LR1110-707

Servicing: Infiniti

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 23.90 B: 13.35 C: 69.15 mm

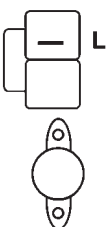

**113161** Alternator 14 V, 125 Amp.

Replacing: LR1125-702H, LR1125-702F, LR1125-702C, LR1125-702B, LR1125-702

Servicing: Infiniti, Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

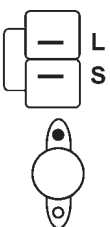
A: 38.50 B: 12.60 C: 87.90 mm


**113190<sup>#</sup>** Alternator 28 V, 50 Amp.

Replacing: LR250-510C, LR250-510, 8971701631

B+ Plug, Grooves 3, Pulley SP, Fan EF

A: 41.85 B: 17.47 C: 74.00 mm


**113197** Alternator 14 V, 60 Amp.

Replacing: LR170-766B, LR170-766, LR170-757B, LR170-757, LR160-727C, LR160-727B, LR160-727

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 25.00 C: 81.50 mm


**113309** Alternator 14 V, 90 Amp.

Replacing: LR190-512C, LR190-512B, LR190-512

Servicing: Yanmar

B+ M8, Grooves 1, Pulley P, Fan EF

A: 41.80 B: 13.00 C: 81.55 mm

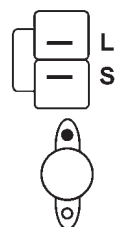

**113316** Alternator 14 V, 110 Amp.

Replacing: LR1110-717B, LR1110-717, LR1110-713V, LR1110-713C, LR1110-713B, LR1110-713

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 12.95 C: 59.20 mm


**113317** Alternator 14 V, 80 Amp.

Replacing: LR180-768, LR180-762C, LR180-762B, LR180-762

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.20 B: 13.00 C: 80.90 mm


**113347** Alternator 14 V, 20 Amp.

Replacing: LR120-23

Servicing: Bobcat, Isuzu

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 14.50 C: 80.50 mm



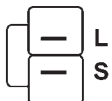
**113366#** Alternator 14 V, 60 Amp.

Replacing: LR160-731

Servicing: Honda, Isuzu

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 89.00 B: 57.75 mm



**113367#** Alternator 14 V, 90 Amp.

Replacing: LR190-744

Servicing: Isuzu

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 91.00 B: 57.75 mm



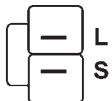
**113371** Alternator 14 V, 80 Amp.

Replacing: LR180-751B, LR180-751

Servicing: Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 37.00 B: 13.10 C: 81.80 mm



**113372** Alternator 14 V, 100 Amp.

Replacing: LR1100-722

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.50 B: 13.00 C: 81.50 mm



**113373** Alternator 14 V, 100 Amp.

Replacing: LR1100-709C, LR1100-709B, LR1100-709

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 35.75 B: 25.20 C: 81.10 mm



**113374** Alternator 14 V, 90 Amp.

Replacing: LR190-729B, LR190-729

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 13.70 C: 81.60 mm



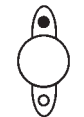
**113375** Alternator 14 V, 90 Amp.

Replacing: LR190-737F, LR190-737E, LR190-737BR, LR190-737B, LR190-737

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 81.30 mm



**113383** Alternator 14 V, 60 Amp.

Replacing: LR160-728F, LR160-728E, LR160-728C, LR160-728B, LR160-728

Servicing: Nissan

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 12.80 C: 80.90 mm



**113401** Alternator 14 V, 40 Amp.

Replacing: LR140-727, LR140-721E, LR140-721D, LR140-721C, LR140-721B, LR140-721, LR140-719, LR140-716

Servicing: John Deere, Kubota, Yanmar

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 19.80 C: 67.20 mm



**113410#** Alternator 14 V, 35 Amp.

Replacing: LT135-83B

Servicing: Ford, New Holland

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 80.20 mm



**113411#** Alternator 14 V, 70 Amp.

Replacing: LR170-744

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.50 B: 13.20 C: 82.40 mm



**113412** Alternator 14 V, 70 Amp.

Replacing: LR170-410, LR170-401

Servicing: Isuzu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 44.75 B: 13.45 C: 81.80 mm


**113413** Alternator 14 V, 70 Amp.

Replacing: LR170-418C, LR170-418B, LR170-418

Servicing: Chevrolet, Isuzu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 47.30 B: 13.75 C: 81.75 mm


**113415#** Alternator 14 V, 80 Amp.

Replacing: LR180-502B, LR180-502

Servicing: Isuzu

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 43.00 B: 13.65 C: 81.75 mm


**113416** Alternator 28 V, 20 Amp.

Replacing: LR220-26

Servicing: Isuzu

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.60 B: 13.60 C: 81.60 mm


**113418** Alternator 28 V, 25 Amp.

Replacing: LR225-84T, LR225-84

Servicing: Nissan

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 42.85 B: 13.90 C: 81.40 mm


**113419** Alternator 14 V, 100 Amp.

Replacing: LR1100-723

Servicing: Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 38.00 B: 25.00 C: 81.60 mm

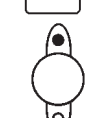

**113420** Alternator 14 V, 110 Amp.

Replacing: LR1110-712

Servicing: Infiniti, Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 36.35 B: 12.80 C: 81.80 mm


**113421#** Alternator 14 V, 80 Amp.

Replacing: LR180-734C, LR180-734B, LR180-734

Servicing: Infiniti, Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.30 B: 13.20 C: 82.00 mm


**113423#** Alternator 14 V, 70 Amp.

Replacing: LR170-742

Servicing: Honda, Isuzu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.25 B: 57.80 mm


**113425** Alternator 14 V, 100 Amp.

Replacing: LR1100-716E, LR1100-716C, LR1100-716, LR1100-712, LR1100-704E, LR1100-704B, LR1100-704

Servicing: Infiniti

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.50 B: 13.00 C: 80.25 mm


**113426#** Alternator 14 V, 80 Amp.

Replacing: LR180-744

Servicing: Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 37.00 B: 25.40 C: 80.40 mm

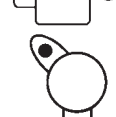

**113427#** Alternator 14 V, 80 Amp.

Replacing: LR180-756B, LR180-756

Servicing: Nissan

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 40.00 B: 13.70 C: 83.40 mm


**113439** Alternator 14 V, 90 Amp.

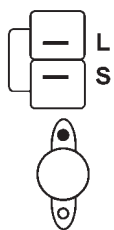
Replacing: LR190-747

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.30 B: 25.00 C: 81.00 mm



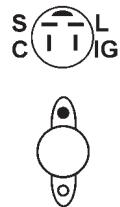

**113440** Alternator 14 V, 100 Amp.

Replacing: LR1100-724B, LR1100-724

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 13.20 C: 80.90 mm

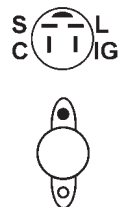

**113555**<sup>#</sup> Alternator 14 V, 60 Amp.

Replacing: LR160-730C, LR160-730

Servicing: Honda, Isuzu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 91.50 B: 58.00 mm

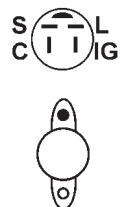

**113556**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: LR170-755

Servicing: Honda, Isuzu

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 93.00 B: 58.00 mm

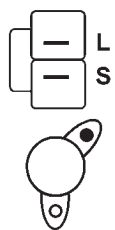

**113563** Alternator 14 V, 90 Amp.

Replacing: LR190-743

Servicing: Honda, Isuzu

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 90.40 B: 56.55 mm

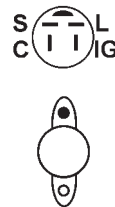

**113583**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: LR190-724, LR180-742

Servicing: Cub Cadet, Nissan

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 36.50 B: 24.80 C: 80.70 mm


**113643**<sup>#</sup> Alternator 14 V, 60 Amp.

Replacing: LR160-729C

Servicing: Honda, Isuzu

B+ M6, Grooves 1, Pulley P, Fan IF

A: 93.00 B: 58.10 mm

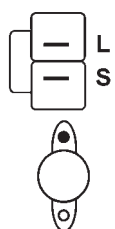

**113697** Alternator 14 V, 65 Amp.

Replacing: LR170-768, LR165-714

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 38.00 B: 24.50 C: 66.50 mm

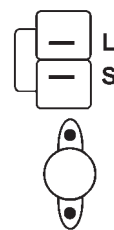

**113698** Alternator 14 V, 90 Amp.

Replacing: LR190-750B, LR190-750

Servicing: Isuzu, Opel

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 45.00 B: 13.00 C: 81.00 mm

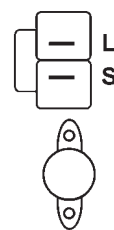

**113784**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: LR170-741

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 13.00 C: 81.00 mm

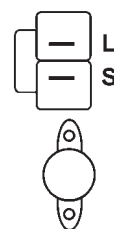

**113787** Alternator 14 V, 90 Amp.

Replacing: LR190-752B, LR190-752

Servicing: Nissan

B+ M8, Grooves 7, Pulley SP/FW, Fan IF

A: 37.50 B: 13.00 C: 81.00 mm

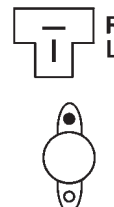

**113788** Alternator 14 V, 80 Amp.

Replacing: LR180-749E, LR180-749C, LR180-749B, LR180-749

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 12.80 C: 80.30 mm

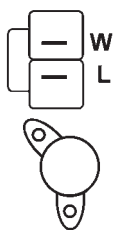

**113793** Alternator 14 V, 55 Amp.

Replacing: LR155-29, LR155-20B, LR155-20

Servicing: Yanmar

B+ M5, Grooves 1, Insulated return, Pulley P, Fan EF

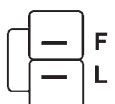
A: 42.80 B: 13.15 C: 80.50 mm


**113941** Alternator 14 V, 100 Amp.

Replacing: LR1100-503F, LR1100-503E, LR1100-503C, LR1100-503B, LR1100-503A, LR1100-503

Servicing: Opel, Vauxhall

B+ M8, Terminal W, Pulley w/o, Fan IF  
B: 13.00 C: 66.10 mm


**113956** Alternator 14 V, 100 Amp.

Replacing: LR1100-508F, LR1100-508E, LR1100-508C, LR1100-508B, LR1100-508, LR1100-507C, LR1100-507B

Servicing: Opel, Vauxhall

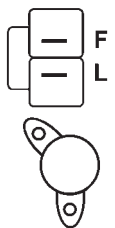
B+ M8, Pulley w/o, Fan IF  
Freewheel pulley: Cargo 238690.  
B: 13.00 C: 65.50 mm


**114014** Alternator 28 V, 60 Amp.

Replacing: LR260-504B, LR250-508C, LR250-508B, LR250-508

Servicing: Isuzu

B+ M6, Grooves 3, Pulley Triple Pulley, Fan EF  
A: 43.00 B: 17.00 C: 78.00 mm


**114121** Alternator 14 V, 110 Amp.

Replacing: LR1110-503F, LR1110-503E, LR1110-503C, LR1110-503B, LR1110-503, LR1110-502F, LR1110-502C

Servicing: Opel, Vauxhall

B+ M8, Pulley w/o, Fan IF  
B: 12.60 C: 66.50 mm

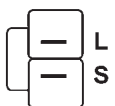

**114209** Alternator 14 V, 60 Amp.

Replacing: LR160-743

Servicing: Komatsu, Yanmar

B+ M5, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.20 C: 80.70 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114262** Alternator 14 V, 80 Amp.

Replacing: LR180-763

Servicing: Komatsu

B+ M6, Grooves 1, Pulley SP

A: 46.00 B: 25.00 C: 80.00 mm


**114366** Alternator 28 V, 40 Amp.

Replacing: LR240-405

Servicing: Isuzu

B+ M8, Grooves 1, Pulley P

A: 44.00 B: 13.00 C: 79.00 mm

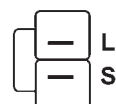

**114368** Alternator 28 V, 25 Amp.

Replacing: LR225-415B

Servicing: Isuzu

B+ M5, Grooves 1, Pulley P

A: 33.60 B: 13.14 C: 79.90 mm


**114370** Alternator 28 V, 35 Amp.

Replacing: LR235-403T

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP

A: 28.70 B: 13.00 C: 79.00 mm


**114373** Alternator 14 V, 80 Amp.

Replacing: LR180-511B

Servicing: Isuzu

B+ M5, Grooves 1, Pulley P

A: 49.00 B: 13.00 C: 84.50 mm


**114426** Alternator 28 V, 40 Amp.

Replacing: LR240-401

Servicing: Isuzu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 29.50 B: 13.00 C: 80.00-20.00 mm

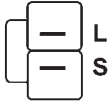

**114427** Alternator 14 V, 100 Amp.

Replacing: LR180-508B, LR180-508

Servicing: Isuzu

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 13.15 C: 84.80 mm



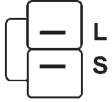
**114428** Alternator 14 V, 100 Amp.

Replacing: LR180-512T

Servicing: isuzu

B+ M6, Grooves 1, Pulley P, Fan EF

A: 47.00 B: 13.10 C: 84.65 mm



**114458\*** Alternator 14 V, 60 Amp.

Replacing: LR160-503E

Servicing: Isuzu

Grooves 1, Pulley P, Fan IF




**110043** Alternator 28 V, 45 Amp.

Replacing: AAK3117, 11.201.807

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110105** Alternator 14 V, 55 Amp.

Replacing: AAK3328, AAK1362, AAK1330, 11.201.929, 11.201.592, 11.201.453

Servicing: John Deere

B+ M5, Grooves 1, Pulley P, Fan EF

A: 83.30 B: 56.00 mm


**110113** Alternator 28 V, 27 Amp.

Replacing: AAK4179, AAK1309, AAK1229, AAK1213, AAK1205, AAK1153, AAK1125, 11.201.525, 11.201.360, 11.201.201

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm


**110117** Alternator 28 V, 40 Amp.

Replacing: AAK1854, 11.209.447

Servicing: Iveco, Magirus-Deutz, Steyr

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm


**110127** Alternator 14 V, 70 Amp.

Replacing: AAK3802, AAK3333, AAK1375, 11.203.998, 11.201.938, 11.201.723

Servicing: Farymann, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 79.00 B: 51.00 mm


**110163** Alternator 28 V, 45 Amp.

Replacing: AAK4591, 11.201.789

Servicing: Renault V.I.

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 48.75 B: 27.25 C: 67.50 mm


**110175** Alternator 28 V, 100 Amp.

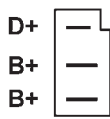
Replacing: AAT3312, 11.204.021

Servicing: Volvo Penta

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

Fan: Cargo 134317. Pulley: Cargo 131176.

B: 14.75 C: 99.75 mm


**110178** Alternator 14 V, 36 Amp.

Replacing: AAK4116, AAG1111, 11.201.272, 11.201.067

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm


**110348** Alternator 14 V, 55 Amp.

Replacing: AAK4127, 11.201.385, 11.201.293

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 19.60 C: 63.00 mm

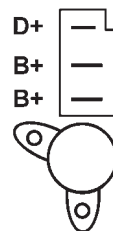

**110350** Alternator 14 V, 44 Amp.

Replacing: AAK4128, 11.201.294

Servicing: Fiat, Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm

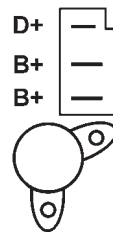

**110357** Alternator 14 V, 55 Amp.

Replacing: AAK3555, AAK3504, AAK1145, AAK1122, AAK1119, 11.201.604, 11.201.448, 11.201.133, 11.201.083

Servicing: Alfa Romeo, American Motors, Audi, VW

 B+ 9.40, Pulley w/o, Fan w/o  
Fan: Cargo 133875.

B: 56.00 mm

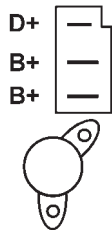

**110358** Alternator 14 V, 55 Amp.

Replacing: AAK4141, AAK3548, AAK3525, AAK3520, AAK1157, AAK1152, 11.201.633, 11.201.632, 11.201.307

Servicing: Mercedes-Benz, Seat

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 77.50 B: 56.00 mm



**110360** Alternator 14 V, 45 Amp.

Replacing: AAK3501, AAK1139, AAK1105, 11.201.601

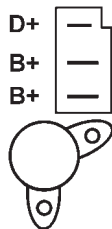
Servicing: Audi, Deutz-Fahr, VW  
B+ 9.40, Pulley w/o, Fan w/o  
B: 56.00 mm



**110641** Alternator 14 V, 33 Amp.

Replacing: AAG1328, AAG1315, AAG1311, AAG1301, 11.201.372, 11.201.096, 11.201.027

Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 76.30 B: 56.00 mm



**110730** Alternator 14 V, 35 Amp.

Replacing: AAK1146

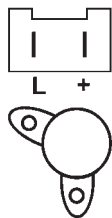
Servicing: Mercedes-Benz  
B+ 9.40, Grooves 1, Pulley P, Fan EF  
A: 76.50 B: 56.00 mm



**110743** Alternator 14 V, 30 Amp.

Replacing: AAG0702, 11.201.021

Servicing: Citroen  
B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130679.  
A: 61.00 B: 40.00 mm



**110754#** Alternator 14 V, 55 Amp.

Replacing: AAK4183, 11.201.370

Servicing: Renault  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 98.90 B: 56.00 mm



**110761** Alternator 28 V, 35 Amp.

Replacing: AAK3557, AAK1134, 11.201.635

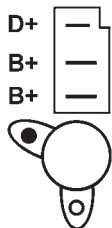
Servicing: Deutz-Fahr, MAN  
B+ M6, Terminal W, Pulley w/o, Fan w/o  
Fan: Cargo 133875.  
B: 80.00 mm



**110766** Alternator 28 V, 27 Amp.

Replacing: AAK4509, AAK1352, AAK1204, AAK1167, AAK1115, AAK1113, AAK1109, 11.201.574, 11.201.557, 11.201.186

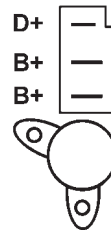
Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr  
B+ M6, Terminal W, Pulley w/o, Fan EF  
B: 56.00 mm



**110770** Alternator 14 V, 55 Amp.

Replacing: AAK4574, AAK4568, 11.201.728, 11.201.707

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall  
B+ M6, Pulley w/o, Fan w/o  
B: 11.20 C: 82.00 mm



**110880** Alternator 14 V, 45 Amp.

Replacing: AAK1165, 11.201.215

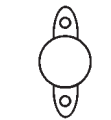
Servicing: Alfa Romeo  
B+ 9.40, Grooves 1, Pulley P, Fan EF  
A: 77.00 B: 56.00 mm



**110881** Alternator 14 V, 55 Amp.

Replacing: AAK3579, AAK1189, 11.201.512, 11.201.511, 11.201.226

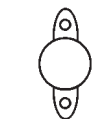
Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo  
B+ M6, Terminal W, Grooves 2, Pulley P, Fan EF  
A: 88.00 B: 56.00 mm



**110882** Alternator 14 V, 45 Amp.

Replacing: AAK4162, AAK3197, 11.209.443, 11.201.336, 11.201.070

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
B+ M6, Pulley w/o, Fan w/o  
B: 16.25 C: 63.00 mm



**110890** Alternator 14 V, 55 Amp.

Replacing: AAK4140, AAK3560, AAK1135, 11.201.457, 11.201.306, 11.201.242, 11.201.112

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
B+ M6, Pulley w/o, Fan w/o  
B: 17.00 C: 63.00 mm


**110891** Alternator 14 V, 70 Amp.

Replacing: AAK4526, 11.201.581

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.30 C: 83.00 mm


**110895** Alternator 28 V, 55 Amp.

Replacing: AAK1367, AAK1347, 11.201.705, 11.201.522

Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm


**110902** Alternator 14 V, 45 Amp.

Replacing: AAK1198, AAK1150, 11.201.244, 11.201.145

Servicing: VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 99.00 B: 56.00 mm

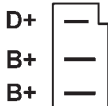

**110906** Alternator 28 V, 30 Amp.

Replacing: AAK1107, 11.201.050

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm

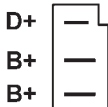

**110913** Alternator 14 V, 70 Amp.

Replacing: AAK4157, AAK3514, AAK1183, 11.201.617, 11.201.331, 11.201.220

Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm

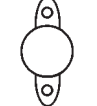
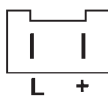

**110919** Alternator 14 V, 70 Amp.

Replacing: AAK3544, AAK3543, 11.201.439, 11.201.438

Servicing: Audi, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 110.00 B: 56.00 mm

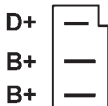

**110920** Alternator 14 V, 50 Amp.

Replacing: AAK1129

Servicing: Renault

B+ M5, Grooves 1, Pulley P, Fan EF

A: 101.00 B: 56.00 mm

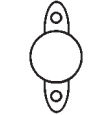
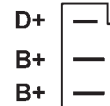

**110968** Alternator 14 V, 70 Amp.

Replacing: AAK1333, AAK1133, 11.201.470

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.00 C: 82.00 mm

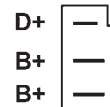

**110970** Alternator 14 V, 65 Amp.

Replacing: AAG1310, 11.201.095

Servicing: Massey Ferguson

B+ M6, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm


**110971** Alternator 14 V, 65 Amp.

Replacing: AAK4503, AAK4192, 11.201.544, 11.201.390

Servicing: Opel, Vauxhall

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm


**111035** Alternator 14 V, 65 Amp.

Replacing: AAK3538, AAK3529, AAK1175, AAK1172, AAK1171, AAK1163, AAK1123, AAG0403, 11.201.432, 11.201.405

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm


**111036** Alternator 14 V, 45 Amp.

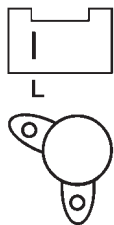
Replacing: AAK4580, AAK4177, 11.201.735, 11.201.358

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

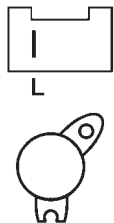
A: 56.80 B: 32.25 mm





**111075** Alternator 14 V, 55 Amp.

Replacing: AAK4104, 11.201.255  
 Servicing: Citroen, Peugeot, Talbot, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 59.50 B: 40.00 mm



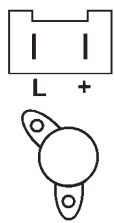
**111076** Alternator 14 V, 50 Amp.

Replacing: AAK4189, AAK3528  
 Servicing: Citroen, Opel, Peugeot, Talbot  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm



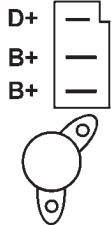
**111078** Alternator 14 V, 45 Amp.

Replacing: AAK1128  
 Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 53.25 B: 21.85 mm



**111082** Alternator 14 V, 60 Amp.

Replacing: AAK4544, AAK1170, 11.201.664, 11.201.198  
 Servicing: Renault  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 100.95 B: 56.00 mm



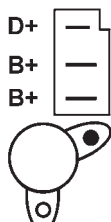
**111083#** Alternator 14 V, 70 Amp.

Replacing: AAK3553, AAK1144, AAK1143, AAK1118, AAK1102, 11.201.446, 11.201.132, 11.201.131, 11.201.077  
 Servicing: Audi, Ford, VW  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 76.15 B: 56.00 mm



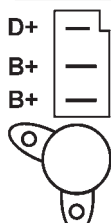
**111085** Alternator 14 V, 55 Amp.

Replacing: AAK3573, 11.201.496, 11.201.203  
 Servicing: Volvo  
 B+ M6, Grooves 2, Pulley DP, Fan EF  
 A: 91.95 B: 71.00 mm



**111086** Alternator 14 V, 65 Amp.

Replacing: AAK3587, 11.201.528  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 B+ Plug, Grooves 1, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111093** Alternator 14 V, 70 Amp.

Replacing: AAK4578, AAK4571, 11.201.732, 11.201.713  
 Servicing: Mercedes-Benz  
 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



**111094** Alternator 14 V, 65 Amp.

Replacing: AAK3542, 11.201.437  
 Servicing: Audi, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.00 B: 56.00 mm



**111141** Alternator 14 V, 55 Amp.

Replacing: AAK4549, AAK1301, AAK1130, 11.201.685, 11.201.102, 11.201.097  
 Servicing: MAN, Mercedes-Benz  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 80.00 mm



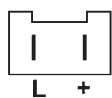
**111148** Alternator 14 V, 65 Amp.

Replacing: AAK4527, AAK3530, AAK1173, 11.201.582, 11.201.406, 11.201.205  
 Servicing: Autobianchi, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm



**111154** Alternator 14 V, 65 Amp.

Replacing: AAK4106, 11.201.257  
 Servicing: Audi, Mercedes-Benz, Seat, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 98.00 B: 56.00 mm


**111163#** Alternator 14 V, 60 Amp.

Replacing: AAK3568, 11.201.476

Servicing: Renault

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 26.75 C: 66.00 mm


**111166** Alternator 14 V, 70 Amp.

Replacing: AAK4528, AAK3133, 11.201.932, 11.201.583

Servicing: Albin, Bedford, Lancia, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**111168** Alternator 14 V, 55 Amp.

Replacing: AAK4133, AAK3129, 11.201.927, 11.201.299

Servicing: Ferrari, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.00 B: 56.00 mm

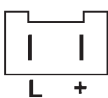

**111170** Alternator 14 V, 65 Amp.

Replacing: AAK4582, 11.201.749

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 34.85 B: 10.80 C: 81.00 mm

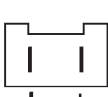

**111171** Alternator 14 V, 70 Amp.

Replacing: AAK3565, 11.201.469

Servicing: Renault

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 49.65 B: 27.00 C: 66.50 mm


**111172#** Alternator 14 V, 60 Amp.

Replacing: AAK3594, 11.201.535

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.75 B: 27.00 C: 68.65 mm


**111175#** Alternator 14 V, 80 Amp.

Replacing: AAK5358, AAK3558, 11.203.092

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 41.30 B: 27.25 C: 69.95 mm


**111176** Alternator 14 V, 75 Amp.

Replacing: AAK4564, AAK3122, AAK1339, 11.201.890, 11.201.824, 11.201.481

Servicing: Ford, Land Rover, LDV, Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.25 C: 81.65 mm


**111180** Alternator 14 V, 33 Amp.

Replacing: AAG1130, AAG1104, AAG0402, 11.201.783, 11.201.037

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 25.00 C: 74.00 mm


**111186** Alternator 14 V, 70 Amp.

Replacing: AAK3161, AAK3142, 11.209.403, 11.209.402, 11.209.003

Servicing: Opel, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 78.20 mm


**111215** Alternator 14 V, 120 Amp.

Replacing: AAK5197, 11.201.989

Servicing: John Deere

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 94.60 B: 57.65 mm


**111287** Alternator 14 V, 70 Amp.

Replacing: AAK3588, AAK3510, AAK1179, AAK1178, 11.201.611, 11.201.529, 11.201.211, 11.201.210

Servicing: VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 106.40 B: 56.00 mm

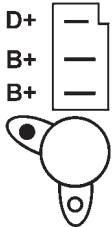

**111288** Alternator 14 V, 70 Amp.

Replacing: AAK1199, AAK1140, 11.201.245, 11.201.122

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 56.00 mm


**111289** Alternator 14 V, 70 Amp.

Replacing: AAK4524, AAK4520, AAK4519, AAK4513, AAK4135, AAK3590, AAK1358, AAK1114, 11.201.676, 11.201.579

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm


**111293** Alternator 14 V, 70 Amp.

Replacing: AAK5302, 11.201.993

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 31.20 B: 14.00 C: 80.00 mm

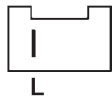

**111318** Alternator 14 V, 80 Amp.

Replacing: AAK5332, 11.203.057

Servicing: BMW, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm

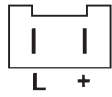

**111321** Alternator 14 V, 70 Amp.

Replacing: AAK3583, 11.201.523

Servicing: Volvo

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.20 B: 27.15 C: 66.00 mm

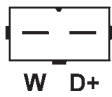

**111325** Alternator 14 V, 70 Amp.

Replacing: AAK4585, AAK4506, 11.201.765, 11.201.554

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 57.10 B: 27.15 C: 66.75 mm

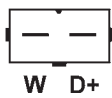

**111352** Alternator 14 V, 70 Amp.

Replacing: AAK5169, 11.201.889

Servicing: Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.45 B: 14.65 C: 59.80 mm


**111353** Alternator 14 V, 70 Amp.

Replacing: AAK5380, 11.203.165

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm

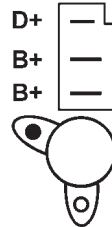

**111354** Alternator 14 V, 70 Amp.

Replacing: AAK5319, AAK5127, 11.203.024, 11.201.744

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm

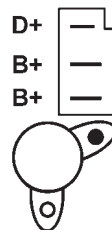

**111355** Alternator 14 V, 65 Amp.

Replacing: AAK4598, AAK4523, AAK3369, 11.203.097, 11.201.810, 11.201.578

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm

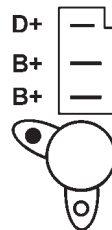

**111356** Alternator 14 V, 55 Amp.

Replacing: AAK4532, 11.201.587

Servicing: Ford

B+ 9.40, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm


**111362** Alternator 14 V, 55 Amp.

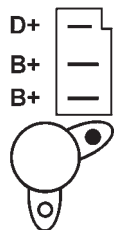
Replacing: AAK1329, AAK1325, 11.201.415, 11.201.399

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



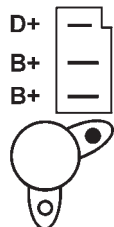

**111364** Alternator 14 V, 55 Amp.

Replacing: AAK4567, AAK4139, AAK1388, 11.201.764, 11.201.716, 11.201.706, 11.201.305

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm


**111368** Alternator 14 V, 70 Amp.

Replacing: AAK4599, AAK4575, 11.201.811, 11.201.729

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm


**111369** Alternator 14 V, 90 Amp.

Replacing: AAK5501, AAK5305, 11.209.001, 11.203.004

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm


**111403** Alternator 14 V, 70 Amp.

Replacing: AAK4515, 11.201.568

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 46.75 B: 27.00 C: 66.00 mm


**111418** Alternator 14 V, 55 Amp.

Replacing: AAK4530, 11.201.585

Servicing: Alfa Romeo, Fiat, Iveco

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 17.00 C: 66.00 mm


**111419** Alternator 28 V, 55 Amp.

Replacing: AAK4507, 11.201.555

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 50.00 B: 17.45 C: 63.00 mm


**111426** Alternator 14 V, 100 Amp.

Replacing: AAK5535, AAK5513, 11.209.407, 11.209.020

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.75 C: 56.00 mm

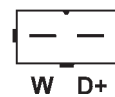

**111477** Alternator 14 V, 90 Amp.

Replacing: AAK5502, AAK5171, 11.209.002, 11.201.898

Servicing: Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 13.50 C: 59.00 mm


**111479** Alternator 14 V, 90 Amp.

Replacing: AAK5198, 11.201.990

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm


**111511#** Alternator 14 V, 75 Amp.

Replacing: AAK5389, 11.203.183

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 27.00 C: 67.00 mm


**111514** Alternator 14 V, 100 Amp.

Replacing: AAK5510, 11.209.011

Servicing: Opel, Saab, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 52.00 B: 34.00 C: 56.00 mm


**111528** Alternator 28 V, 55 Amp.

Replacing: AAK3332, AAK1369, 11.201.937, 11.201.710

Servicing: Volvo, Volvo BM, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 51.50 mm


**111620** Alternator 14 V, 65 Amp.

Replacing: AAK4562, AAK4158, 11.201.701  
 Servicing: Alfa Romeo, Ferrari, Fiat, Lancia  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 A: 47.75 B: 16.30 C: 63.00 mm


**111629** Alternator 28 V, 120 Amp.

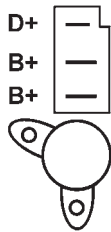
Replacing: AAT1303, 11.201.868  
 Servicing: MAN, Mercedes-Benz, Setra  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm. Heavy duty type: Cargo 113589. 180 Amp.  
 B: 15.00 C: 180.00 mm


**111631** Alternator 28 V, 60 Amp.

Replacing: AAK5717, AAK5517, 11.203.573, 11.203.215  
 Servicing: Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 14.10 C: 100.00 mm


**111649** Alternator 14 V, 33 Amp.

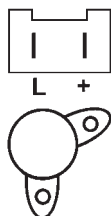
Replacing: AAG1343, 11.201.784  
 Servicing: Claas, Eicher, John Deere, Lamborghini, Same  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 76.00 B: 56.00 mm


**111652** Alternator 14 V, 65 Amp.

Replacing: AAK4502, AAK3585, AAK3512, AAK3509, AAK3505, AAK3503, AAK1185, 11.201.613, 11.201.610, 11.201.605  
 Servicing: Audi, VW  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 108.50 B: 56.00 mm


**111654** Alternator 14 V, 65 Amp.

Replacing: AAK4557, AAK4160, AAK4150, 11.201.696, 11.201.334, 11.201.324  
 Servicing: Fiat, Lancia  
 B+ M6, Pulley w/o, Fan EF  
 B: 16.00 C: 64.00 mm


**111661**<sup>#</sup> Alternator 14 V, 75 Amp.

Replacing: AAK4858  
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 48.00 B: 27.00 C: 66.00 mm


**111662** Alternator 14 V, 33 Amp.

Replacing: AAG1341, AAG1340, AAG1338, AAG1314, 11.201.507, 11.201.502, 11.201.500, 11.201.115  
 Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm


**111675**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: AAK5313, 11.203.012  
 Servicing: Saab  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 84.50 B: 56.00 mm


**111686** Alternator 14 V, 65 Amp.

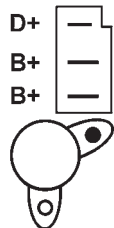
Replacing: AAK4176, AAK4155, AAK4154, AAK1228, 11.201.514, 11.201.463, 11.201.357, 11.201.329, 11.201.328  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm


**111687** Alternator 14 V, 55 Amp.

Replacing: AAK4174, 11.201.355  
 Servicing: Fiat  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 53.00 B: 26.50 mm


**111732** Alternator 14 V, 120 Amp.

Replacing: AAN5115, 11.209.012  
 Servicing: Opel, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 50.00 B: 34.00 C: 56.00 mm


**111738** Alternator 14 V, 65 Amp.

Replacing: AAK4522, AAK4521, 11.201.577, 11.201.576

Servicing: Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.00 C: 82.00 mm


**111740** Alternator 14 V, 70 Amp.

Replacing: AAK1344, AAK1343, 11.201.504, 11.201.503

Servicing: Ford

 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
w/ battery sensor terminal.

A: 35.50 B: 11.30 C: 82.70 mm


**111746** Alternator 28 V, 90 Amp.

Replacing: AAN5171, 11.203.275

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 14.50 C: 100.00 mm

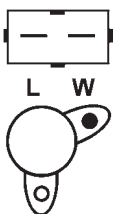

**111795** Alternator 14 V, 80 Amp.

Replacing: AAK5710, 11.209.431

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm


**111797** Alternator 14 V, 95 Amp.

Replacing: AAK5573, AAK5512, 11.209.410, 11.209.017

Servicing: Ford

B+ M8, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 82.90 mm


**111799#** Alternator 14 V, 70 Amp.

Replacing: AAK3577, 11.201.510, 11.201.509

Servicing: Saab

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 79.50 B: 56.00 mm


**111800** Alternator 14 V, 70 Amp.

Replacing: AAK4131, AAK3128, 11.201.926, 11.201.297

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 88.00 B: 56.00 mm

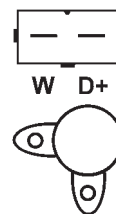

**111811** Alternator 14 V, 80 Amp.

Replacing: AAK5102, 11.201.440

Servicing: Lada

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm


**111820** Alternator 14 V, 90 Amp.

Replacing: AAK5351, 11.203.080

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 14.00 C: 59.00 mm


**111833** Alternator 28 V, 140 Amp.

Replacing: AAT1339, AAT1338, AAT1321, AAT1308, AAT1306, AAT1302, 11.203.241, 11.203.240, 11.203.139

Servicing: Drögmöller, Mercedes-Benz, Setra

 B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm. Heavy duty type: Cargo 113589. 180 Amp.

B: 15.70 C: 180.00 mm

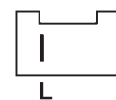

**111834** Alternator 28 V, 55 Amp.

Replacing: AAN3114, AAK1398, 11.209.434, 11.201.801

Servicing: Scania

 B+ M8, Terminal W, Pulley w/o, Fan EF  
Heavy duty type: Cargo 112182. 80 Amp.

B: 80.00 mm


**111841** Alternator 14 V, 50 Amp.

Replacing: AAK3515, AAK1111, 11.201.624, 11.201.060

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.50 B: 56.00 mm





**111842** Alternator 28 V, 140 Amp.

Replacing: AAT1340, AAT1337, AAT1318, AAT1313, 11.203.242, 11.203.239, 11.203.085, 11.203.001

Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.00 C: 180.00 mm



**111843** Alternator 14 V, 95 Amp.

Replacing: AAK5165, AAK4831, AAK4307, AAK1815, 11.204.396, 11.203.660, 11.203.268, 11.201.875

Servicing: Case

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan w/o  
B- M8.

A: 74.60 B: 51.00 mm



**111850** Alternator 14 V, 143 Amp.

Replacing: AAN5166, 11.203.248

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 82.50 B: 56.00 mm



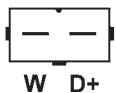
**111859**<sup>#</sup> Alternator 28 V, 120 Amp.

Replacing: AAT1327, 11.203.229

Servicing: Kässbohrer, Setra

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.50 C: 180.00 mm



**111878** Alternator 14 V, 70 Amp.

Replacing: AAK5347, 11.203.076

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm



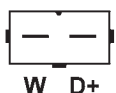
**111883** Alternator 14 V, 115 Amp.

Replacing: AAN5132, 11.203.115

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm



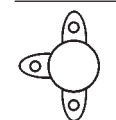
**111884** Alternator 14 V, 90 Amp.

Replacing: AAK5349, 11.203.078

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 39.50 B: 14.00 C: 61.50 mm



**111886** Alternator 28 V, 65 Amp.

Replacing: AAN3110, 11.209.420

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 23.25 C: 68.70 mm



**111888** Alternator 14 V, 65 Amp.

Replacing: AAK3330, AAK1363, 11.201.935, 11.201.595

Servicing: Case

B+ M8, Terminal W, Grooves 8, Pulley SP, Fan EF

A: 81.00 B: 50.60 mm



**111890** Alternator 14 V, 90 Amp.

Replacing: AAK5322, 11.203.030

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm



**111899** Alternator 14 V, 90 Amp.

Replacing: AAK5350, 11.203.079

Servicing: VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.30 B: 14.00 C: 61.00 mm



**111902** Alternator 14 V, 115 Amp.

Replacing: AAN5133, 11.203.116

Servicing: Mercedes-Benz, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 83.00 B: 56.10 mm

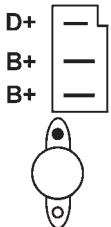

**111903** Alternator 14 V, 90 Amp.

Replacing: AAK5307, 11.203.006

Servicing: Mercedes-Benz, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 83.00 B: 56.10 mm


**111948** Alternator 14 V, 70 Amp.

Replacing: AAK4554, 11.201.693

Servicing: Massey Ferguson

B+ Plug, Terminal W, Pulley w/o, Fan EF

B: 31.00 mm


**111978** Alternator 14 V, 120 Amp.

Replacing: AKK4322, 11.203.333

Servicing: Claas, Fendt

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**111987** Alternator 28 V, 55 Amp.

Replacing: AAN3118, 11.209.438

Servicing: Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 17.00 C: 63.80 mm


**111989** Alternator 14 V, 90 Amp.

Replacing: AAK5544, 11.203.313

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 61.00 mm


**112002** Alternator 14 V, 120 Amp.

Replacing: AAN5178, 11.203.288

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Terminal W, Pulley w/o, Fan IF  
*Free wheel pulley: Cargo 230293. Washer bosch: Cargo 139931. Washer hitachi: Cargo 133948.*

B: 14.50 C: 59.00 mm

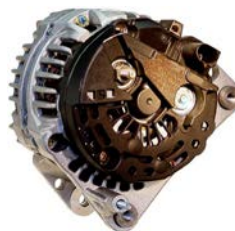

**112021** Alternator 14 V, 100 Amp.

Replacing: AAK5396, 11.203.205

Servicing: Land Rover

B+ M6, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 31.00 B: 13.50 C: 83.50 mm


**112043** Alternator 14 V, 90 Amp.

Replacing: AAK5518, 11.203.223

Servicing: VW

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm


**112046** Alternator 14 V, 95 Amp.

Replacing: AAK4320, AAK3822, AAK1811, AAK1312, 11.204.054, 11.203.656, 11.203.331, 11.201.991

Servicing: Deutz-Fahr, Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**112056** Alternator 14 V, 70 Amp.

Replacing: AAK4529, AAK4525, AAK3134, AAK3132, AAK1177, 11.201.933, 11.201.931, 11.201.584, 11.201.580

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.50 B: 56.00 mm


**112062** Alternator 14 V, 115 Amp.

Replacing: AAN5156, 11.203.204

Servicing: John Deere

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**112075** Alternator 14 V, 70 Amp.

Replacing: AAK5541, 11.203.310

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40,00 B: 14.00 C: 60,75 mm





**112076** Alternator 28 V, 80 Amp.

Replacing: AAN3120, 11.209.445  
 Servicing: Iveco, Renault V.I., Scania  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm



**112079** Alternator 14 V, 90 Amp.

Replacing: AAK5543, 11.203.312  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 61.00 mm



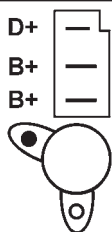
**112097** Alternator 28 V, 30 Amp.

Replacing: AAK3564, AAK1209, AAK1110,  
 11.201.468, 11.201.075, 11.201.055  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco,  
 Laverda  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 73.00 mm



**112098** Alternator 14 V, 65 Amp.

Replacing: AAK4351, AAK4313, AAK3547,  
 AAK1370, AAK1182, 11.203.415, 11.203.301,  
 11.201.499, 11.201.444  
 Servicing: Case, Claas, Eicher, Iveco,  
 Lamborghini, Mercedes-Benz, NSU, Steyr,  
 Zetor  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



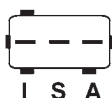
**112112** Alternator 14 V, 70 Amp.

Replacing: AAK3301, 11.201.832, 11.201.332  
 Servicing: Perkins, Sabre, Yanmar  
 B+ M6, Terminal W, Grooves 1,  
 Insulated return, Pulley P, Fan EF  
 A: 45.00 B: 11.50 C: 82.50 mm



**112149** Alternator 14 V, 65 Amp.

Replacing: AAK4504, AAK4199, 11.201.545,  
 11.201.401, 11.201.379  
 Servicing: Audi, Seat, VW  
 B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 109.80 B: 56.00 mm



**112151** Alternator 14 V, 95 Amp.

Replacing: AAK5505, 11.209.006  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 5,  
 Pulley SP, Fan IF  
 A: 46.00 B: 57.00 mm



**112159** Alternator 28 V, 80 Amp.

Replacing: AAN3108, 11.209.417  
 Servicing: DAF, MAN, Mercedes-Benz,  
 Renault V.I.  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.40 mm



**112162** Alternator 14 V, 70 Amp.

Replacing: AAK4535, AAK3572, 11.201.590,  
 11.201.493  
 Servicing: Citroen, Peugeot  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 65.90 mm



**112165** Alternator 14 V, 75 Amp.

Replacing: AAK5503, 11.209.004  
 Servicing: Renault  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 46.70 B: 27.00 C: 66.50 mm



**112170** Alternator 28 V, 50 Amp.

Replacing: AAK3336, AAK1387, 11.201.941,  
 11.201.759  
 Servicing: Case, Komatsu  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
*Dust proof.*  
 B: 51.00 mm



**112183** Alternator 14 V, 60 Amp.

Replacing: AAK2306, AAK2301, 11.203.106,  
 11.201.292  
 Servicing: KHD  
 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o




**112191** Alternator 14 V, 80 Amp.

Replacing: AAK5105, 11.201.498

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 81.40 B: 56.00 mm


**112194** Alternator 14 V, 120 Amp.

Replacing: AAN5127, 11.203.110

Servicing: Dodge, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 82.20 B: 56.00 mm


**112196** Alternator 14 V, 143 Amp.

Replacing: AAN5136, 11.203.119

Servicing: Fendt

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**112197** Alternator 14 V, 115 Amp.

Replacing: AAN5572, 11.209.440

Servicing: Mercedes-Benz

B+ M8, Pulley w/o, Fan IF

B: 69.80 C: 56.00 mm

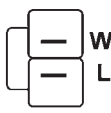

**112230** Alternator 14 V, 90 Amp.

Replacing: AAK5136, 11.201.769

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.20 C: 69.20 mm


**112271** Alternator 14 V, 100 Amp.

Replacing: AAK5574, 11.209.424

Servicing: Opel, Vauxhall

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 36.00 B: 12.90 C: 66.10 mm


**112273** Alternator 14 V, 70 Amp.

Replacing: AAK5542, 11.203.111

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 14.00 C: 60.80 mm


**112274** Alternator 14 V, 90 Amp.

Replacing: AAK5545, 11.203.314

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 14.10 C: 61.40 mm


**112298** Alternator 14 V, 80 Amp.

Replacing: AAK5360, 11.203.094, 11.201.094

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 26.10 C: 66.70 mm


**112299** Alternator 14 V, 95 Amp.

Replacing: AAK5131, AAK5108, 11.201.754, 11.201.534

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 27.30 C: 67.70 mm


**112302** Alternator 28 V, 120 Amp.

Replacing: AAT1385, 11.209.448

Servicing: Iveco

B+ M8, Grooves 2, Pulley DP, Fan EF B- M8.

A: 72.15 B: 16.00 C: 86.00 mm


**112310** Alternator 14 V, 55 Amp.

Replacing: AAK1193, AAK1151, 11.201.230, 11.201.146

Servicing: BMW, Volvo BM

B+ M6, Grooves 1, Pulley P, Fan EF

A: 74.00 B: 50.70 mm


**B+D+ W**

**112325** Alternator 14 V, 70 Amp.

Replacing: AAK5301, 11.201.992

Servicing: Ford

 B+ M6, Terminal W, Grooves 5,  
Pulley SP, Fan IF

A: 33.00 B: 14.20 C: 82.30 mm


**112343** Alternator 28 V, 140 Amp.

 Replacing: AAT1330, AAT1310, 11.203.232,  
11.201.902

Servicing: Renault V.I., Volvo

 B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.75 C: 182.00 mm


**112345** Alternator 28 V, 55 Amp.

Replacing: AAN3116, 11.209.436

Servicing: Volvo

 B+ M8, Terminal W, Pulley w/o,  
Fan w/o

B: 51.50 mm


**112389** Alternator 14 V, 85 Amp.

Replacing: AAK5115, 11.201.667

Servicing: Deutz-Fahr

B+ M6, Terminal W, Pulley w/o, Fan IF

B: 55.90 mm


**112416** Alternator 14 V, 100 Amp.

Replacing: AAK5723, 11.209.441

Servicing: Holden, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 53.35 B: 33.50 C: 57.20 mm


**112424** Alternator 28 V, 140 Amp.

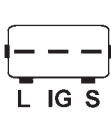
Replacing: AAT1335, 11.203.237

Servicing: Scania

B+ M8, Pulley w/o, Fan EF

B- M8, shaft 30 mm.

B: 15.50 C: 182.00 mm


**112427** Alternator 28 V, 90 Amp.

Replacing: AAN5795, 11.209.454

Servicing: Iveco

B+ M8, Grooves 12, Pulley SP, Fan IF

A: 90.00 B: 57.60 mm


**112453** Alternator 14 V, 85 Amp.

Replacing: AAN3121, 11.209.446

Servicing: Alfa Romeo, Fiat, Iveco, Lancia

B+ M8, Pulley w/o, Fan EF

B: 16.90 C: 63.00 mm


**112457** Alternator 14 V, 110 Amp.

Replacing: AAK5773, 11.203.923

Servicing: Nissan, Renault

B+ M8, Pulley w/o, Fan IF

B: 15.75 C: 61.00 mm


**112458** Alternator 14 V, 120 Amp.

Replacing: AAK5778, 11.203.940

Servicing: Renault

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 27.50 C: 66.50 mm


**112460** Alternator 14 V, 150 Amp.

 Replacing: AAN5772, AAN5533, 11.204.163,  
11.203.871, 11.203.470

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm

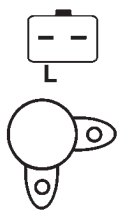

**112469** Alternator 14 V, 90 Amp.

Replacing: AAK5741, 11.203.710

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.20 C: 45.60 mm


**112471** Alternator 14 V, 125 Amp.

Replacing: AAK5782, 11.203.950

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 32.50 B: 13.50 C: 60.90 mm

**112480** Alternator 14 V, 90 Amp.

Replacing: AAK5553, 11.203.337

Servicing: Citroen, Fiat, Lancia, Peugeot

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 22.00 C: 46.00 mm

**112529** Alternator 14 V, 90 Amp.

 Replacing: AAK5391, AAK5382, AAK5306,  
 11.203.186, 11.203.167, 11.203.005

 Servicing: Daewoo, John Deere, Mercedes-Benz,  
 Ssangyong

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.10 mm

**112530** Alternator 14 V, 120 Amp.

Replacing: AAN5131, 11.203.114

 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.50 B: 56.10 mm

**112532<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: AAK5311, 11.203.010

Servicing: Alfa Romeo

 B+ M8, Terminal W, Grooves 5,  
 Pulley SP, Fan w/o  
 A: 81.00 B: 56.25 mm

**112535** Alternator 14 V, 120 Amp.

Replacing: AAN5179, 11.203.290

Servicing: Mercedes-Benz

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 91.95 B: 56.00 mm

**112539** Alternator 14 V, 110 Amp.

Replacing: AAN5130, 11.203.113

Servicing: Mercedes-Benz

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 84.00 B: 56.00 mm

**112556** Alternator 14 V, 95 Amp.

 Replacing: AAK5363, AAK5315, AAK5118,  
 AAK5114, 11.203.098, 11.203.016,  
 11.201.675, 11.201.666

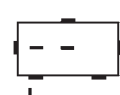
Servicing: Same, Valtra

 B+ M6, Terminal W, Pulley w/o, Fan IF  
*Dust proof.*  
 B: 56.00 mm

**112561** Alternator 28 V, 80 Amp.

 Replacing: AAN3119, AAN3111, 11.209.442,  
 11.209.421

Servicing: Mercedes-Benz

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm

**112654** Alternator 14 V, 90 Amp.

Replacing: AAK5597, 11.209.429

Servicing: Ford

 B+ M6, Pulley w/o, Fan IF  
 B: 17.25 C: 62.60 mm

**112679** Alternator 14 V, 110 Amp.

 Replacing: AAN5139, AAK5521, 11.203.227,  
 11.203.129

Servicing: Renault, Volvo

 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 46.50 B: 27.70 C: 66.30 mm

**112688** Alternator 14 V, 95 Amp.

Replacing: AAK5186, 11.201.963

 Servicing: Alfa Romeo, Citroen, Fiat, Lancia,  
 Peugeot

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.50 B: 55.80 mm




**B+D+ W**

**112698** Alternator 14 V, 100 Amp.

Replacing: AAK5580, 11.203.433

Servicing: Ford

 B+ M6, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm


**112708<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: AAK5312, 11.203.011

Servicing: Saab

 B+ M8, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 119.25 B: 56.00 mm


**B+D+ W**

**112718** Alternator 14 V, 100 Amp.

Replacing: AAK5326, 11.203.042

Servicing: Ford, New Holland

 B+ M6, Terminal W, Grooves 6,  
Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm


**112720** Alternator 14 V, 100 Amp.

Replacing: AAK5722, 11.209.439

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 54.00 B: 33.40 C: 57.00 mm


**112736** Alternator 14 V, 65 Amp.

Replacing: AAK1378, 11.201.570

Servicing: Deutz-Fahr, Fahr, Iveco

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 76.50 B: 56.10 mm



L +


**112744** Alternator 14 V, 60 Amp.

Replacing: AAK3591, 11.201.532

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm

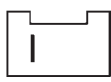

**112747** Alternator 28 V, 55 Amp.

Replacing: AAK3318, 11.201.903

Servicing: Deutz-Fahr, Ford, Iveco, KHD

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm



L


**112754** Alternator 14 V, 70 Amp.

Replacing: AAK4542, 11.201.679

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.00 B: 56.00 mm


**112757** Alternator 28 V, 55 Amp.

Replacing: AAN3115, 11.209.435

Servicing: Scania, Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 27.50 C: 68.00 mm


**112768** Alternator 14 V, 55 Amp.

Replacing: AAK4518, AAK4138, AAK1117,

11.201.571, 11.201.304, 11.201.071

Servicing: Alfa Romeo, Goldoni

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 45.00 B: 17.00 C: 70.00 mm


**112788<sup>#</sup>** Alternator 14 V, 55 Amp.

Replacing: AAK3592, 11.201.559

Servicing: Volvo

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 109.00 B: 71.00 mm

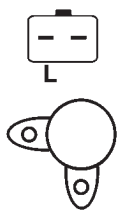

**112803** Alternator 28 V, 80 Amp.

Replacing: AAN3107, 11.209.416

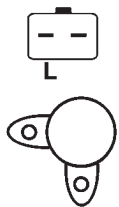
Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

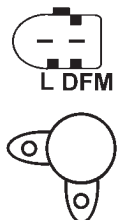
B: 51.00 mm


**113245** Alternator 14 V, 125 Amp.

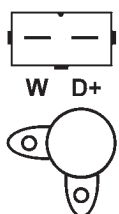
Replacing: AAK5788, 11.204.022  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 33.00 B: 13.90 C: 60.70 mm


**113248** Alternator 14 V, 120 Amp.

Replacing: AAK5779, 11.203.943  
 Servicing: Nissan, Opel, Renault, Vauxhall, Volvo  
 B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
 A: 36.00 B: 14.00 C: 60.75 mm


**113340** Alternator 14 V, 70 Amp.

Replacing: AAK5547  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 62.00 mm


**113341**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: AAK5346, 11.203.316, 11.203.075  
 Servicing: Audi, Skoda, VW  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 39.00 B: 13.90 C: 61.80 mm


**113376** Alternator 14 V, 55 Amp.

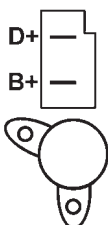
Replacing: AAK4143, AAK3130, AAK1181,  
 AAK1131, 11.201.928, 11.201.309,  
 11.201.214  
 Servicing: Bedford, Lancia, Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm


**113442** Alternator 14 V, 90 Amp.

Replacing: AAK5308, 11.203.007  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP/FW, Fan IF  
 A: 82.00 B: 56.00 mm


**113448** Alternator 28 V, 100 Amp.

Replacing: AAN3112, AAN0112, 11.209.422  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm


**113469** Alternator 14 V, 33 Amp.

Replacing: AAG1307, 11.201.062  
 Servicing: Marshall, Steyr  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
*Dust proof.*  
 A: 75.50 B: 55.90 mm


**113470** Alternator 28 V, 35 Amp.

Replacing: AAK4531, AAK4348, AAK3820,  
 AAK1337, 11.204.052, 11.203.404,  
 11.201.586, 11.201.479  
 Servicing: Iveco, KHD, Liebherr  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan w/o  
 A: 77.00 B: 55.80 mm


**113471** Alternator 14 V, 65 Amp.

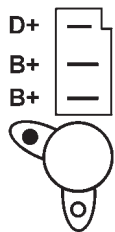
Replacing: AAK4556, 11.201.695  
 Servicing: Fiat, Lancia  
 B+ M6, Terminal W, Grooves 4,  
 Pulley SP, Fan EF  
 A: 54.40 B: 32.00 mm


**113472** Alternator 14 V, 65 Amp.

Replacing: AAK4558, 11.201.697  
 Servicing: Fiat, Innocenti, Lancia  
 B+ M6, Terminal W, Grooves 4,  
 Pulley SP, Fan EF  
 A: 49.00 B: 24.90 C: 77.45 mm


**113473**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: AAK4559, 11.201.698  
 Servicing: Fiat, Innocenti, Lancia  
 B+ M6, Terminal W, Grooves 5,  
 Pulley SP, Fan EF  
 A: 49.20 B: 24.50 C: 77.85 mm



**113474** Alternator 14 V, 65 Amp.

Replacing: AAK3320, AAK1324, 11.201.913, 11.201.396

Servicing: Austin, Landini, Massey Ferguson, Rover

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.90 B: 11.00 C: 82.55 mm



**113477** Alternator 28 V, 55 Amp.

Replacing: AAK3334, AAK1383, 11.201.939, 11.201.746

Servicing: DAF, Volvo, Volvo BM, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 72.50 B: 50.80 mm



**113485** Alternator 14 V, 80 Amp.

Replacing: AAK5329, 11.203.054

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



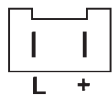
**113486** Alternator 14 V, 90 Amp.

Replacing: AAK5309, 11.203.008

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 91.85 B: 56.00 mm



**113487#** Alternator 14 V, 70 Amp.

Replacing: AAK3125, 11.201.906

Servicing: Renault

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 53.00 B: 27.00 C: 65.70 mm



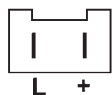
**113488** Alternator 28 V, 140 Amp.

Replacing: AAT1329, 11.203.231

Servicing: DAF

B+ M8, Terminal W, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.50 C: 180.00 mm



**113500** Alternator 14 V, 70 Amp.

Replacing: AAK3595, 11.201.536

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.60 mm



**113503** Alternator 14 V, 120 Amp.

Replacing: AAK5585, 11.203.458

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 22.20 C: 45.00 mm



**113510** Alternator 14 V, 140 Amp.

Replacing: AAN5792, 11.203.921

Servicing: Audi, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 30.00 B: 14.10 C: 82.00 mm



**113529** Alternator 14 V, 120 Amp.

Replacing: AAK5355, AAK5354, 11.203.088, 11.203.087

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan IF

A: 32.00 B: 14.10 C: 83.30 mm



**113531** Alternator 14 V, 120 Amp.

Replacing: AAK4321, 11.203.332

Servicing: John Deere

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 56.20 mm



**113533** Alternator 14 V, 65 Amp.

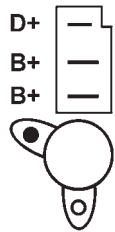
Replacing: AAK4569, 11.201.711

Servicing: Fiat, Lancia, Lombardini

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 52.00 B: 31.80 mm




**113574** Alternator 14 V, 65 Amp.

Replacing: AAK4118, 11.201.276

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm


**113575** Alternator 14 V, 80 Amp.

Replacing: AAK5740, 11.203.709

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm


**113603** Alternator 14 V, 80 Amp.

Replacing: AAK5739, 11.203.708

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 46.00 mm


**113610** Alternator 14 V, 120 Amp.

Replacing: AAK5364, AAK5181, 11.203.099

Servicing: Valtra

B+ M8x1.25/14.00, Terminal W, Pulley w/o, Fan IF

B: 56.00 mm


**113632** Alternator 14 V, 85 Amp.

Replacing: AAK3329, 11.201.934

Servicing: John Deere, Lada

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 56.10 mm


**113640** Alternator 14 V, 150 Amp.

Replacing: AAN5549, 11.204.006, 11.203.512

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 42.00 B: 21.20 C: 45.80 mm


**113667** Alternator 14 V, 90 Amp.

Replacing: AAK5721, 11.209.433

Servicing: Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.00 B: 17.00 C: 55.25 mm


**113707** Alternator 14 V, 200 Amp.

Replacing: AAN5840, 11.204.424

Servicing: John Deere

B+ M8, Pulley w/o, Fan IF

B: 56.00 mm


**113738** Alternator 28 V, 55 Amp.

Replacing: AAK5565, AAK5376, 11.203.396, 11.203.155

B+ M8, Terminal W, Pulley w/o, Fan IF

*Dust proof.*

B: 56.00 mm


**113755** Alternator 14 V, 150 Amp.

Replacing: AAN8119

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 21.00 C: 45.10 mm


**113768** Alternator 14 V, 95 Amp.

Replacing: AAK5567, AAK5335, 11.203.398, 11.203.062

Servicing: Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Pulley w/o

*Dust proof.*

B: 56.00 mm


**113771** Alternator 14 V, 190 Amp.

Replacing: AAN7111, AAN7101, 11.203.631, 11.203.468

Servicing: Mercedes-Benz, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

*Water cooled.*

A: 30.50 B: 93.45 C: 56.75 mm



L DFM


**113772** Alternator 14 V, 190 Amp.

Replacing: AAN7112, 11.203.632

Servicing: Mercedes-Benz

 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
*Water cooled.*

A: 31.00 B: 93.50 C: 56.00 mm

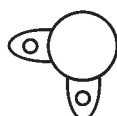

**113789<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: AAK4588, 11.201.768

Servicing: Renault

 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan EF

A: 46.75 B: 27.04 C: 68.44 mm


 L DF/  
DFM

**113837** Alternator 14 V, 150 Amp.

Replacing: AAN5742, 11.203.819

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8x1.25/15.00, Grooves 7, Pulley SP

A: 33.00 B: 14.30 C: 60.00 mm


 L DF/  
DFM

**113919** Alternator 14 V, 125 Amp.

Replacing: AAK5791, 11.204.026

Servicing: Nissan, Renault

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 32.50 B: 14.20 C: 60.70 mm


**113920** Alternator 28 V, 35 Amp.

Replacing: AAK1368, 11.201.709

Servicing: MAN, Mercedes-Benz, Padane

 B+ M8, Terminal W, Pulley w/o,  
 Fan w/o

B: 80.40 mm


**113949** Alternator 14 V, 150 Amp.

 Replacing: AAN5122, AAN5120, 11.203.065,  
 11.203.051

Servicing: Claas, John Deere

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 56.00 mm

NEW PRODUCT  
www.hc-cargo.com

**113986\*** Alternator 14 V, 120 Amp.

Replacing: AAK5388, 11.203.181

Servicing: Claas

Pulley SP, Fan IF


**113999** Alternator 14 V, 150 Amp.

 Replacing: AAN5771, AAN5502, AAN5318,  
 AAN5138, 11.204.159, 11.203.870,  
 11.203.363, 11.203.124

 Servicing: Case, Cummins, John Deere, New  
 Holland

 B+ M8, Terminal W, Pulley w/o, Fan IF  
*w/o pulley.*

B: 13.87 C: 103.27 mm

NEW PRODUCT  
www.hc-cargo.com

**114000\*** Alternator 14 V, 120 Amp.

Replacing: AAK5533, 11.203.281

Servicing: Claas

Pulley SP


**114049** Alternator 14 V, 120 Amp.

 Replacing: AAK5562, AAK5323, AAK5194,  
 AAK5193, AAK5189, 11.203.388, 11.203.365,  
 11.203.033, 11.201.976

Servicing: Massey Ferguson

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 14.23 C: 82.50 mm


**114077** Alternator 28 V, 40 Amp.

Replacing: AAK2303, 11.201.485

Servicing: KHD

B+ M6, Terminal W, Pulley w/o

*Dust proof.*

NEW PRODUCT  
www.hc-cargo.com

**114192** Alternator 14 V, 200 Amp.

 Replacing: AAN5511, AAN5346, 11.204.187,  
 11.203.389

Servicing: Deutz-Fahr, Fendt

Pulley w/o, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**114289** Alternator 14 V, 45 Amp.  
 Replacing: AAK4342, AAK3368, AAK3345,  
 11.203.390, 11.203.060, 11.201.951  
 Servicing: KHD  
 B+ M6, Pulley w/o, Fan EF  
 B: 56.00 mm



**114379** Alternator 14 V, 150 Amp.  
 Replacing: AAN5869, 11.204.502  
 Servicing: John Deere  
 B+ M8, Pulley w/o, Fan IF  
 B: 56.30 mm

**NEW PRODUCT**  
www.hc-cargo.com

**114450\*** Alternator 14 V, 120 Amp.  
 Replacing: AAK4314, AAK1832, 11.204.484,  
 11.204.327, 11.203.714, 11.203.302  
 Servicing: Case, New Holland  
 Grooves 8, Pulley SP, Fan EF

**NEW PRODUCT**  
www.hc-cargo.com

**114464\*** Alternator 28 V, 55 Amp.  
 Replacing: AAK5334, 11.203.061  
 Servicing: KHD  
 Pulley w/o, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**114469\*** Alternator 14 V, 175 Amp.  
 Replacing: AAN5702, 11.203.720, 11.203.191  
 Servicing: Case  
 Pulley w/o, Fan IF  
*Dust proof.*

**NEW PRODUCT**  
www.hc-cargo.com

**114470\*** Alternator 14 V, 120 Amp.  
 Replacing: AAK3380, 11.203.151  
 Servicing: Deutz-Fahr  
 Pulley w/o, Fan EF





**110348** Alternator 14 V, 55 Amp.

Replacing: T2223701010, T222-3701010, 37.3701, 224-373701, 224-370701, 2108-3701010

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 19.60 C: 63.00 mm



**110349** Alternator 14 V, 42 Amp.

Replacing: L211A14B, KAT22112642, F22112B42A, 221-3701000, 2121-3701010, 2101-3710000, 2101-3701010

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130613.

A: 44.50 B: 18.50 C: 61.50 mm



**110350** Alternator 14 V, 44 Amp.

Replacing: KAT3KT22214B, 222-3701010, 222-3701005, 2105-3701010, 2105-3701005

Servicing: Fiat, Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



**111811** Alternator 14 V, 80 Amp.

Replacing: 5102.3771, 2112-3701010-08, 2112-3701010, 2112-37001010, 2110-3701010

Servicing: Lada

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



**112191** Alternator 14 V, 80 Amp.

Replacing: 9412.3701, 21214-3701010, 2121-43701010

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 81.40 B: 56.00 mm


**110371** Alternator 14 V, 65 Amp.

Replacing: 8EA2018N

Servicing: Carrier Transcold, Kubota

B+ M8, Terminal W, Grooves 1,

Pulley P, Fan EF

w/ mounting kit.

B: 27.00 mm


**110801** Alternator 28 V, 45 Amp.

Replacing: A0012303JB, 2303JB

Servicing: Atlas Copco, Case, Caterpillar,

Cummins, Fiat-Allis, International

B+ 1/4« UNF, Terminal W, Pulley w/o,

Fan EF

B: 14.80 C: 100.00 mm


**110937** Alternator 14 V, 200 Amp.

Replacing: 7064A, 4725JA, 4625JA, 4425JA,

2805J, 2800LJ, 2500J, 2400JB, 2400J,

2360JB, 2360J, 2300JC, 2300JB

Servicing: Cadillac, Caterpillar, International

B+ M8, Terminal W, Insulated return,

Pulley w/o, Fan EF

B: 15.00 C: 98.20 mm


**112159** Alternator 28 V, 80 Amp.

Replacing: BCA3920

Servicing: DAF, MAN, Mercedes-Benz,

Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm


**112560** Alternator 28 V, 140 Amp.

Replacing: A0014727JB, 4727JB

Servicing: Cummins

B+ M8, Pulley w/o, Fan EF

B: 14.00 C: 101.50 mm


**113651** Alternator 14 V, 160 Amp.

Replacing: A0012700LC, A0012700JB,

A0012670LC, A0012670JB, A001090557,

A001090550, A001090546, A001090524

B+ M8, Insulated return, Pulley w/o,

Fan EF

B: 13.80 C: 103.30 mm


**113740** Alternator 14 V, 160 Amp.

Replacing: A0012800JB, 2800JB, 2800J

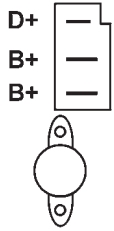
Servicing: Caterpillar, Deutz-Fahr, Ford,

International, Various, Volvo

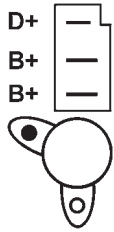
B+ 5/16« UNC, Grooves 2, Pulley DP,

Fan EF

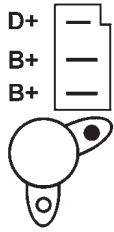
A: 45.00 B: 14.85 C: 101.25 mm



**110107** Alternator 14 V, 55 Amp.  
 Replacing: 66021147, 24204, 24124, 24033A, 24033  
 Servicing: Massey Ferguson  
 B+ 6.30, Pulley w/o, Fan w/o  
 B: 27.00 mm



**110178** Alternator 14 V, 36 Amp.  
 Replacing: 54022165, 54022083, 54022032, 54022017, 54022006, 54021993, 54021918, 54021917, 54021898, 54021868  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot  
 B+ 9.40, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



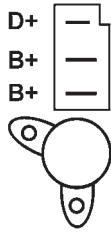
**110179** Alternator 14 V, 36 Amp.  
 Replacing: 54022084, 54022011, 54021985, 54021845, 54021810, 54021493, 24180, 24153, 24141, 24133, 24108  
 Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall  
 B+ Plug, Pulley w/o, Fan EF  
 For fan w/ 17 mm bore use bushing: Cargo 134894.  
 B: 9.75 C: 88.00 mm



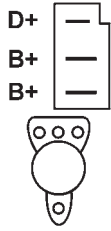
**110349** Alternator 14 V, 42 Amp.  
 Replacing: LEA0191, LEA0170  
 Servicing: Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
*Regulator: Cargo 130613.*  
 A: 44.50 B: 18.50 C: 61.50 mm



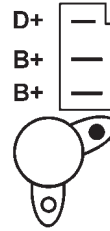
**110350** Alternator 14 V, 44 Amp.  
 Replacing: LEA0171  
 Servicing: Fiat, Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm



**110357** Alternator 14 V, 55 Amp.  
 Replacing: 66021121  
 Servicing: Alfa Romeo, American Motors, Audi, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
*Fan: Cargo 133875.*  
 B: 56.00 mm



**110497** Alternator 14 V, 70 Amp.  
 Replacing: NAB900, 66921126, 66021070  
 Servicing: Austin-Healey  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
*w/ mounting bearing bracket for left and right engine side.*  
 A: 41.50 B: 10.50 C: 84.00 mm



**110607** Alternator 14 V, 70 Amp.  
 Replacing: LEA0041, LEA0039, 54022558, 54022516, 54022513, 54022374, 54022351, 54022301, 54022248, 54022222  
 Servicing: Ford  
 B+ M6, Grooves 4, Pulley SP, Fan w/o  
*w/ vacuum pump: Cargo 111754.*  
 A: 33.70 B: 11.30 C: 83.00 mm



**110612** Alternator 14 V, 43 Amp.  
 Replacing: 54022427, 54022381, 54022260, 54022257, 54022215, 54022206, 54022205, 54022154, 54022146, 54021757  
 Servicing: Bertone, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 52.45 B: 23.15 C: 73.00 mm

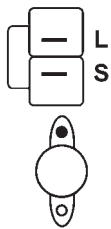


**110630** Alternator 14 V, 70 Amp.  
 Replacing: 54022338  
 Servicing: Nissan  
 B+ M6, Grooves 6/4, Pulley SP, Fan EF  
 A: 35.35 B: 19.88 C: 81.30 mm



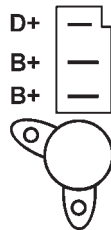
**110641** Alternator 14 V, 33 Amp.  
 Replacing: 24171  
 Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 76.30 B: 56.00 mm




**110659** Alternator 14 V, 75 Amp.

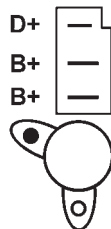
Replacing: A8520

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.15 B: 13.00 C: 55.00 mm

**110726#** Alternator 14 V, 35 Amp.

Replacing: 23888

Servicing: Audi, DAF, VW

 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm

**110759** Alternator 14 V, 35 Amp.

Replacing: LEA0005, 61920312

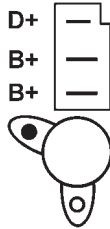
Servicing: Austin, Ford, Mercury

 B+ 9.40, Grooves 1, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm

**110766** Alternator 28 V, 27 Amp.

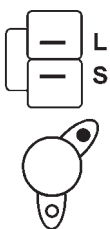
Replacing: A0924

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm

**110770** Alternator 14 V, 55 Amp.

Replacing: LEA0124, LEA0117, LEA0033, 54022686, 54022625, 54022623, 54022621, 54022616, 54022590, 54022554

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

 B+ M6, Pulley w/o, Fan w/o  
 B: 11.20 C: 82.00 mm

**110804** Alternator 14 V, 90 Amp.

Replacing: LEA0452

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 34.85 B: 13.40 C: 77.40 mm

**110882** Alternator 14 V, 45 Amp.

Replacing: LEA0451, LEA0029, 61920270

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

 B+ M6, Pulley w/o, Fan w/o  
 B: 16.25 C: 63.00 mm

**110890** Alternator 14 V, 55 Amp.

Replacing: LEA0015, 61920269

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

 B+ M6, Pulley w/o, Fan w/o  
 B: 17.00 C: 63.00 mm

**110891** Alternator 14 V, 70 Amp.

Replacing: LEA0061, LEA0047, LEA0046, LEA0037, 54022604, 54022603, 54022419, 54022388, 54022344, 54022340

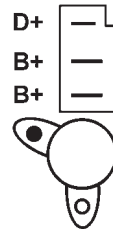
Servicing: Ford, Land Rover, MG

 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 11.30 C: 83.00 mm

**110925#** Alternator 14 V, 45 Amp.

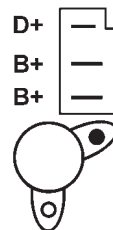
Replacing: LRA00858

Servicing: Opel, Saab, Vauxhall

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm

**110968** Alternator 14 V, 70 Amp.

Replacing: NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066

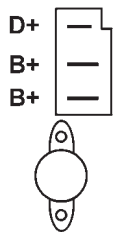
Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 37.00 B: 11.00 C: 82.00 mm

**110969** Alternator 14 V, 65 Amp.

Replacing: NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012

Servicing: Land Rover

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 38.00 B: 11.00 C: 82.00 mm



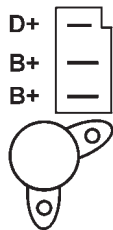
**110970** Alternator 14 V, 65 Amp.

Replacing: NAB302

Servicing: Massey Ferguson

B+ M6, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm



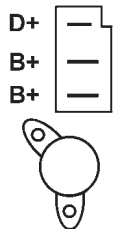
**110971** Alternator 14 V, 65 Amp.

Replacing: NAB303, 66021148

Servicing: Opel, Vauxhall

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm



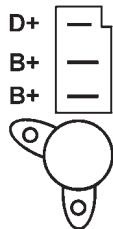
**110972** Alternator 14 V, 65 Amp.

Replacing: NAB304, 66021149, 66021101, 60021056, 60021055, 60021054

Servicing: Opel, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 87.90 B: 56.00 mm



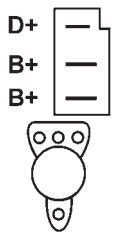
**110975** Alternator 14 V, 65 Amp.

Replacing: NAB307, 66021152, 60021068, 60021067, 60021063, 60021026, 54021649

Servicing: Audi, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 82.85 B: 56.25 mm



**110977** Alternator 28 V, 35 Amp.

Replacing: NAB901, NAB501

Servicing: Universal

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm



**111035** Alternator 14 V, 65 Amp.

Replacing: LEA0045, 54022240, 54022171, 24214A, 24214, 24213A, 24213, 24203

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm



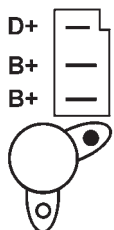
**111078** Alternator 14 V, 45 Amp.

Replacing: 24041

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.25 B: 21.85 mm



**111086** Alternator 14 V, 65 Amp.

Replacing: LEA0007, LEA0006, 61920400, 61920316, 61920315, 24149, 24118, 24062, 24027, 23864

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm



**111148** Alternator 14 V, 65 Amp.

Replacing: 54022420

Servicing: Autobianchi, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm



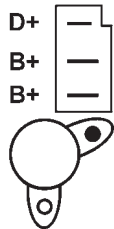
**111176** Alternator 14 V, 75 Amp.

Replacing: LEA0131, LEA0129, LEA0056, LEA0049, LEA0048, 54022716, 54022652, 54022614, 54022602, 54022585

Servicing: Ford, Land Rover, LDV, Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.25 C: 81.65 mm



**111184** Alternator 14 V, 43 Amp.

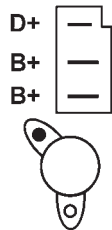
Replacing: LEA0028, LEA0003, LEA0002, 61920289, 61920287, 61920107, 54021987, 54021873, 54021764, 54021551

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

Pulley w/o, Fan IF

For pulley w/ 17 mm bore use bushing: Cargo 134894.

B: 9.85 C: 81.00 mm


**111185** Alternator 14 V, 43 Amp.

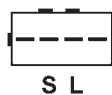
Replacing: LEA0010, LEA0001, 54021350, 26921046, 26021235, 24185, 24181A, 24134A, 24134, 24099A, 24099, 24082

Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall

Pulley w/o, Fan IF

For pulley w/ 17 mm bore use bushing: Cargo 134894.

B: 9.80 C: 81.00 mm

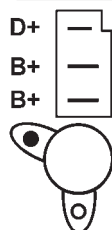

**111280** Alternator 14 V, 65 Amp.

Replacing: LEA0164

Servicing: Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 38.25 B: 24.80 C: 66.80 mm

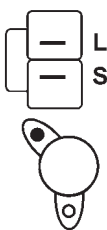

**111289** Alternator 14 V, 70 Amp.

Replacing: LEA0044, LEA0034, LEA0011, LEA0004, 61920314, 61920311, 54022620, 54022572, 54022243, 54022147

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm

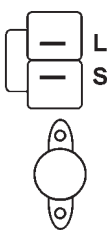

**111309** Alternator 14 V, 75 Amp.

Replacing: LEA0106

Servicing: Hyundai, Proton

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.15 B: 13.15 C: 54.50 mm

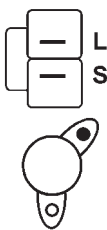

**111315** Alternator 14 V, 90 Amp.

Replacing: 66021300

Servicing: Ford, Mazda

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 37.65 B: 13.20 C: 66.45 mm

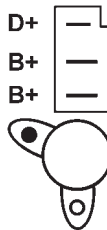

**111339** Alternator 14 V, 65 Amp.

Replacing: LEA0204

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.70 B: 13.15 C: 54.50 mm

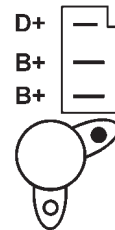

**111355** Alternator 14 V, 65 Amp.

Replacing: LEA0134, LEA0112, LEA0036, LEA0035, 54022752, 54022647, 54022642, 54022639, 54022579, 54022428

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm


**111356** Alternator 14 V, 55 Amp.

Replacing: LEA0128, 54022595, 54022581, 54022418, 54022410, 54022389, 54022342, 54022313, 54022291, 54022285

Servicing: Ford

B+ 9.40, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm


**111360**<sup>#</sup> Alternator 14 V, 55 Amp.

Replacing: LEA0063, LEA0062, 54055205, 54022701, 54022597, 54022559, 54022450, 54022400, 54022307, 54022305

Servicing: Ford

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.65 B: 10.90 C: 83.30 mm


**111361** Alternator 14 V, 67 Amp.

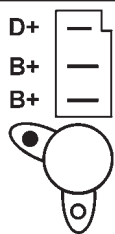
Replacing: LEA0140, LEA0070, LEA0069, LEA0068, LEA0067, 54022664, 54022662, 54022654, 54022653, 54022608

Servicing: Nissan

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 69.65 B: 25.00 C: 81.00 mm





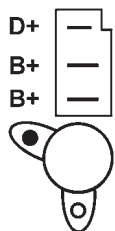
**111362** Alternator 14 V, 55 Amp.

Replacing: LEA0074, LEA0055, 54022803, 54022740, 54022695, 54022668, 54022598, 54022335, 54022241, 54022211

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



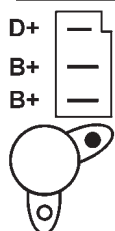
**111363** Alternator 14 V, 45 Amp.

Replacing: LEA0066, 54022481, 54022310, 54022292, 24327A, 24256C, 24256A, 24256, 24246A, 24246

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.70 B: 11.00 C: 83.00 mm



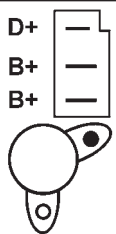
**111364** Alternator 14 V, 55 Amp.

Replacing: LEA0031, LEA0030, 54022593, 54022586, 54022385, 54022266, 54022227, 54022218, 54022213, 54022183

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm



**111366** Alternator 14 V, 45 Amp.

Replacing: LEA0043, 54022401, 54022274, 54022265, 54022264, 54022246, 54022228, 54022207, 54022196, 54022166

Servicing: Land Rover, LDV

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.00 C: 81.00 mm



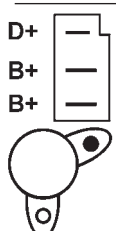
**111367#** Alternator 14 V, 55 Amp.

Replacing: 54022429, 54022425

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF  
w/o vacuum pump: Cargo 111743.

A: 36.65 B: 12.00 C: 82.00 mm



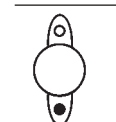
**111368** Alternator 14 V, 70 Amp.

Replacing: LEA0139, LEA0086, LEA0065, LEA0059, 54022754, 54022747, 54022700, 54022617, 54022589, 54022519

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm



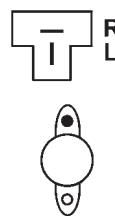
**111418** Alternator 14 V, 55 Amp.

Replacing: LEA0017, 61920275

Servicing: Alfa Romeo, Fiat, Iveco

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 17.00 C: 66.00 mm



**111495** Alternator 14 V, 40 Amp.

Replacing: LRA002043

Servicing: Hyster, Mitsubishi, Sumitomo, Yale  
B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.50 mm



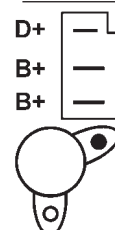
**111510** Alternator 28 V, 45 Amp.

Replacing: LEA439, LEA0439, 47020090, 47020083, 47020061

Servicing: Ford, Perkins

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 10.00 C: 82.00 mm



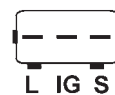
**111569** Alternator 28 V, 30 Amp.

Replacing: LEA0109, 54022711, 54022619, 54022578, 54022415, 24413, 24406, 24299

Servicing: DAF, LDV International

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan w/o

A: 33.00 B: 11.70 C: 82.80 mm



**111579** Alternator 14 V, 70 Amp.

Replacing: LEA0189

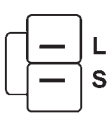
Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 53.00 B: 28.00 C: 44.00 mm



**111623** Alternator 14 V, 70 Amp.  
 Replacing: LEA0042, 54022708, 54022689, 54022615, 54022610, 54022588, 54022583, 54022575, 54022565, 54022564  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF  
 A: 33.00 B: 11.80 C: 83.40 mm



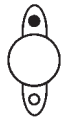
**111626** Alternator 14 V, 90 Amp.  
 Replacing: LRA0468  
 Servicing: Mitsubishi  
 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 42.00 B: 13.20 C: 54.60 mm



**111631** Alternator 28 V, 60 Amp.  
 Replacing: LEA0496  
 Servicing: Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 14.10 C: 100.00 mm



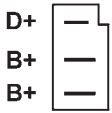
**111658** Alternator 28 V, 55 Amp.  
 Replacing: LEA0495  
 Servicing: Renault V.I., Volvo, Volvo Penta  
 B+ M6, Terminal W, Insulated return, Pulley w/o, Fan w/o  
 B: 50.75 mm



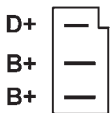
**111710** Alternator 14 V, 65 Amp.  
 Replacing: LEA0199  
 Servicing: Mercury, OMC  
 B+ M8, Grooves 6, Pulley SP, Fan EF  
 A: 72.00 B: 50.70 mm



**111718** Alternator 14 V, 75 Amp.  
 Replacing: LEA0458  
 Servicing: Renault  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 46.50 B: 26.50 C: 66.50 mm



**111738** Alternator 14 V, 65 Amp.  
 Replacing: LEA0032, 61920310, 54022789, 54022628, 54022390, 54022379, 54022254, 24290A, 24290  
 Servicing: Rover  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 11.00 C: 82.00 mm



**111739** Alternator 14 V, 55 Amp.  
 Replacing: LEA0120, 54022336, 24273A, 24273  
 Servicing: Ford, New Holland  
 B+ M6, Pulley w/o, Fan EF w/ battery sensor terminal.  
 B: 11.40 C: 82.30 mm



**111740** Alternator 14 V, 70 Amp.  
 Replacing: LEA121, LEA0121, LEA0111, 54022337, 24400, 24274A, 24274, 24250, 24186B, 24186A, 24186  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF w/ battery sensor terminal.  
 A: 35.50 B: 11.30 C: 82.70 mm



**111741** Alternator 14 V, 70 Amp.  
 Replacing: LEA0132, LEA0052, LEA0050, 54022601, 54022600, 54022378, 54022323, 54022322, 24308, 24257  
 Servicing: Ford  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 11.50 C: 81.00 mm



**111742** Alternator 14 V, 70 Amp.  
 Replacing: LEA0133, 54022708, 54022689, 54022610, 54022588, 54022583, 54022582, 54022575, 54022565, 54022564  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF  
 A: 34.00 B: 12.00 C: 83.00 mm



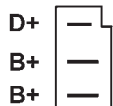
**111743** Alternator 14 V, 55 Amp.

Replacing: LEA0040, 54022429, 54022425, 24316

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan w/o w/ vacuum pump: Cargo 111367.

A: 33.45 B: 12.25 C: 82.50 mm



**111754** Alternator 14 V, 70 Amp.

Replacing: 54022569, 54022558, 54022539, 54022538, 54022516, 54022515, 54022512, 54022374, 54022373, 54022351

Servicing: Ford

B+ 9.40, Grooves 4, Pulley SP, Fan w/o Also w/o vacuum pump: Cargo 110607.

A: 33.65 B: 12.25 C: 82.70 mm



**111797** Alternator 14 V, 95 Amp.

Replacing: LEA0163

Servicing: Ford

B+ M8, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 82.90 mm



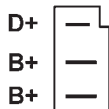
**111834** Alternator 28 V, 55 Amp.

Replacing: LEA0169

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan EF Heavy duty type: Cargo 112182. 80 Amp.

B: 80.00 mm



**111948** Alternator 14 V, 70 Amp.

Replacing: LEA0009, 24123A, 24123, 24087D, 24087B, 24087A, 24087, 24022A, 24022, 24019A, 24019, 23880, 23865A

Servicing: Massey Ferguson

B+ Plug, Terminal W, Pulley w/o, Fan EF

B: 31.00 mm



**111956** Alternator 14 V, 75 Amp.

Replacing: LRA0469

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.00 B: 13.00 C: 55.00 mm



**111987** Alternator 28 V, 55 Amp.

Replacing: LEA0168

Servicing: Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 17.00 C: 63.80 mm



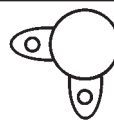
**112021** Alternator 14 V, 100 Amp.

Replacing: 54022498, 54022459

Servicing: Land Rover

B+ M6, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 31.00 B: 13.50 C: 83.50 mm



**112058** Alternator 14 V, 70 Amp.

Replacing: LEA0463

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 21.80 C: 46.00 mm



**112076** Alternator 28 V, 80 Amp.

Replacing: LEA0165

Servicing: Iveco, Renault V.I., Scania

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 27.00 C: 72.10 mm



**112097** Alternator 28 V, 30 Amp.

Replacing: LRA2378, LEA0016, A0828, 61920271

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 73.00 mm



**112112** Alternator 14 V, 70 Amp.

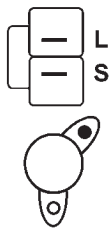
Replacing: LEA437, LEA0437, 57020057, 47020089, 47020088, 47020086, 47020084, 47020068, 47020067, 47020065

Servicing: Perkins, Sabre, Yanmar

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 45.00 B: 11.50 C: 82.50 mm




**112128** Alternator 14 V, 75 Amp.

Replacing: LEA0107, 61920401, 61920334, 54021851

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 55.10 mm


**112151** Alternator 14 V, 95 Amp.

Replacing: LEA0173

Servicing: Ford

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 57.00 mm

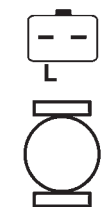

**112159** Alternator 28 V, 80 Amp.

Replacing: LEA0166

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm

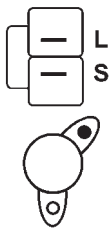

**112199** Alternator 14 V, 75 Amp.

Replacing: LEA0456

Servicing: Dacia, Nissan, Renault

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 21.00 B: 80.00 C: 40.00 mm


**112205** Alternator 14 V, 90 Amp.

Replacing: LEA0108, 61920402, 61920335

Servicing: Hyundai, Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 54.90 mm

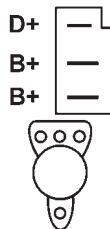

**112230** Alternator 14 V, 90 Amp.

Replacing: LEA0217

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.20 C: 69.20 mm


**112237** Alternator 14 V, 70 Amp.

Replacing: NAB900M, LEA0441

Servicing: Various

B+ M6, Terminal W, Grooves 1,

Insulated return, Pulley P, Fan EF

*Pulley distance is ok from 34.00 to 43.00 mm.*

A: 34.00-43.00 B: 10.90 C: 84.00 mm

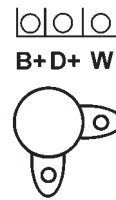

**112238** Alternator 14 V, 65 Amp.

Replacing: LEA0038, 54022663, 54022646, 54022591, 54022552, 54022510, 54022393, 54022268, 54022267, 54022256

Servicing: Austin, DAF, Land Rover, LDV, Rover

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.00 B: 11.50 C: 81.70 mm

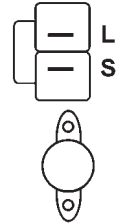

**112324** Alternator 14 V, 85 Amp.

Replacing: 54022468

Servicing: Rover

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 14.20 C: 69.80 mm

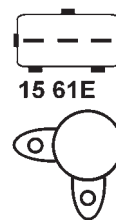

**112334** Alternator 14 V, 75 Amp.

Replacing: LEA0214

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 80.00 mm

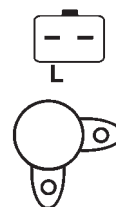

**112468** Alternator 14 V, 150 Amp.

Replacing: LEA0454

Servicing: BMW, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 60.70 B: 27.80 C: 75.00 mm


**112471** Alternator 14 V, 125 Amp.

Replacing: LEA0476

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 32.50 B: 13.50 C: 60.90 mm



**112529** Alternator 14 V, 90 Amp.

Replacing: LRA1860

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.10 mm



**112650** Alternator 14 V, 65 Amp.

Replacing: 26021117

Servicing: Tata

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 42.00 B: 14.75 C: 81.00 mm



B+D+ W



**112698** Alternator 14 V, 100 Amp.

Replacing: 54022549

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm



B+D+ W



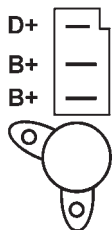
**112718** Alternator 14 V, 100 Amp.

Replacing: 54022527, 54022443

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm



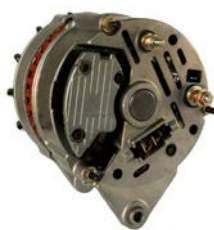
**112722** Alternator 14 V, 70 Amp.

Replacing: LEA0060, LEA0058, LEA0057, 54022751, 54022746, 54022656, 54022580, 54022561, 54022560, 54022532

Servicing: Massey Ferguson

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 10.50 C: 83.50 mm



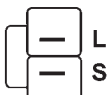
**112757** Alternator 28 V, 55 Amp.

Replacing: LEA0167

Servicing: Scania, Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 27.50 C: 68.00 mm



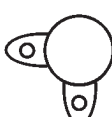
**113213<sup>#</sup>** Alternator 14 V, 85 Amp.

Replacing: LEA0215

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.40 B: 13.40 C: 80.35 mm



**113245** Alternator 14 V, 125 Amp.

Replacing: LEA0457

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 13.90 C: 60.70 mm



**113253** Alternator 14 V, 90 Amp.

Replacing: LEA0459

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 29.40 B: 13.85 C: 60.75 mm



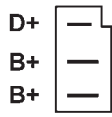
**113376** Alternator 14 V, 55 Amp.

Replacing: LEA0073, 61920201

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.60 B: 56.20 mm



**113378** Alternator 14 V, 45 Amp.

Replacing: LEA0013, LEA0012, 61920286, 54021879, 24211A, 24079A, 24079, 24072, 23993, 23846, 23845, 23830

Servicing: Austin, Ford, Land Rover

B+ Plug, Terminal S, Pulley w/o, Fan w/o

*Husk at monter modstand*

B: 9.10 C: 87.80 mm



**113405** Alternator 14 V, 70 Amp.

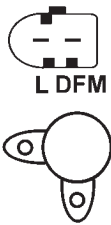
Replacing: LEA0464

Servicing: Citroen, Peugeot

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm




**113407** Alternator 14 V, 150 Amp.

Replacing: LEA0455

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 61.00 B: 27.90 C: 75.10 mm

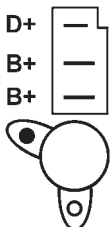

**113438#** Alternator 14 V, 80 Amp.

Replacing: LEA0216

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 27.20 C: 69.60 mm

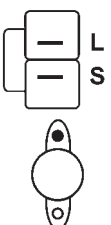

**113474** Alternator 14 V, 65 Amp.

Replacing: 54022007, 54022001, 24090, 24067, 24034, 24015, 24013, 23996, 23943, 23938, 23937, 23902, 23862

Servicing: Austin, Landini, Massey Ferguson, Rover

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.90 B: 11.00 C: 82.55 mm


**113518** Alternator 14 V, 60 Amp.

Replacing: LEA0201

Servicing: Hyundai

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.10 C: 48.30 mm

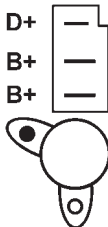

**113543** Alternator 14 V, 55 Amp.

Replacing: LRA02116

Servicing: John Deere

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan EF

A: 77.40 B: 50.75 mm

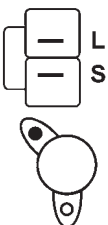

**113574** Alternator 14 V, 65 Amp.

Replacing: 24049B, 24049A, 24049, 23680

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm


**113600** Alternator 14 V, 90 Amp.

Replacing: LRA03022

Servicing: Bobcat

B+ M8, Grooves 1, Pulley P, Fan IF

A: 37.50 B: 13.00 C: 57.70 mm


**113622#** Alternator 14 V, 70 Amp.

Replacing: LEA114, 54022692, 54022377, 54022208, 24224

Servicing: Ford

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 10.82 C: 83.25 mm


**113623** Alternator 14 V, 70 Amp.

Replacing: 54022626, 54022525, 54022397, 24415, 24414, 24385, 24384, 24295B, 24295A, 24295

Servicing: Ford, Honda

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 12.00 C: 82.60 mm


**113624#** Alternator 14 V, 70 Amp.

Replacing: 54022693, 54022665, 54022574, 24404

Servicing: Ford

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.75 C: 82.95 mm

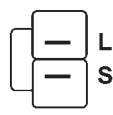

**113625#** Alternator 14 V, 70 Amp.

Replacing: 24311

Servicing: Ford

B+ M6, Terminal S, Pulley w/o, Fan w/o

B: 23.75 C: 73.40 mm


**113656** Alternator 14 V, 90 Amp.

Replacing: LEA0405

Servicing: Kia

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.50 B: 13.20 C: 66.90 mm





**113683** Alternator 14 V, 36 Amp.  
 Replacing: 40001C01, 26921168A, 26921168,  
 26021278, 26021276, 004001C01  
 Servicing: Mahindra  
 Grooves 1, Pulley P, Fan EF  
 A: 90.60 B: 56.00 mm



**113715** Alternator 14 V, 80 Amp.  
 Replacing: LEA0248  
 Servicing: Yanmar  
 B+ M6, Terminal W, Grooves 2,  
 Pulley DP, Fan IF  
 A: 92.00 B: 57.50 mm



**113914** Alternator 14 V, 100 Amp.  
 Replacing: 54022521  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 33.30 B: 14.00 C: 82.70 mm



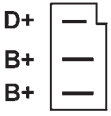
**113710** Alternator 14 V, 110 Amp.  
 Replacing: LRS2853  
 Servicing: Ford  
 B+ M5, Pulley w/o, Fan IF  
 B: 14.00 C: 69.00 mm



**113720** Alternator 14 V, 75 Amp.  
 Replacing: LEA0475  
 Servicing: Fiat, Lancia, Opel, Suzuki,  
 Vauxhall  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm



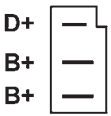
**113920** Alternator 28 V, 35 Amp.  
 Replacing: 24271  
 Servicing: MAN, Mercedes-Benz, Padane  
 B+ M8, Terminal W, Pulley w/o,  
 Fan w/o  
 B: 80.40 mm



**113713** Alternator 14 V, 80 Amp.  
 Replacing: LEA438, LEA0438, 47020069,  
 47020063, 47020062, 47020058, 47020056,  
 47020054  
 Servicing: Lister  
 B+ M6, Terminal W, Grooves 1,  
 Insulated return, Pulley P, Fan EF  
 A: 45.50 B: 11.20 C: 83.00 mm



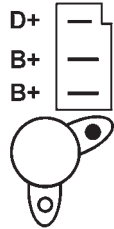
**113722** Alternator 14 V, 90 Amp.  
 Replacing: LEA0467  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel,  
 Suzuki, Vauxhall  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 40.20 B: 64.15 C: 56.00 mm



**113714** Alternator 28 V, 55 Amp.  
 Replacing: LEA0440, 47020060  
 Servicing: Sabre  
 B+ M6, Terminal W, Grooves 1,  
 Insulated return, Pulley P, Fan EF  
 A: 45.50 B: 11.20 C: 83.00 mm



**113763** Alternator 14 V, 85 Amp.  
 Replacing: 54022606, 54022524, 54022469,  
 54022466, 24480, 24479  
 Servicing: JCB, Land Rover  
 B+ M6, Terminal W, Pulley w/o  
 C: 82.00 mm


**110607** Alternator 14 V, 70 Amp.

Replacing: 63324264

Servicing: Ford

B+ M6, Grooves 4, Pulley SP, Fan w/o w/ vacuum pump: Cargo 111754.

A: 33.70 B: 11.30 C: 83.00 mm


**110611** Alternator 14 V, 44 Amp.

Replacing: 63304800, 63303500, 63303192, 63303191, 63303150, 63303140, 63303130, 63303120, 63303110, 63303100

Servicing: Allis Chalmers, Fiat, Seat

B+ M6, Grooves 1, Pulley P, Fan EF Regulator: Cargo 130613.

A: 46.00 B: 17.00 C: 61.00 mm


**110612** Alternator 14 V, 43 Amp.

Replacing: 943356806, 943321068, 943321004, 63321454, 63321006, 63321004, 63320006, 63320005, 63307131

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.45 B: 23.15 C: 73.00 mm

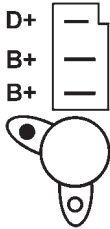

**110619** Alternator 14 V, 70 Amp.

Replacing: 63341770, 63341641, 63321770, 63321641

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 57.10 mm

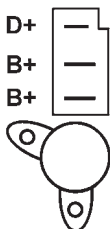

**110770** Alternator 14 V, 55 Amp.

Replacing: 63324157

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

B+ M6, Pulley w/o, Fan w/o

B: 11.20 C: 82.00 mm


**110880** Alternator 14 V, 45 Amp.

Replacing: 63305720, 63305700

Servicing: Alfa Romeo

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**110881** Alternator 14 V, 55 Amp.

Replacing: 943356826

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

B+ M6, Terminal W, Grooves 2, Pulley P, Fan EF

A: 88.00 B: 56.00 mm


**110882** Alternator 14 V, 45 Amp.

Replacing: 943356305, 943321044, 943320021, 943305226, 63321037, 63321036, 63321035, 63320021, 63307256

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Pulley w/o, Fan w/o

B: 16.25 C: 63.00 mm


**110890** Alternator 14 V, 55 Amp.

Replacing: 943356353, 943320023, 63321180, 63321041, 63320100, 63320023, 63307841, 63307536, 63307526

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Pulley w/o, Fan w/o

B: 17.00 C: 63.00 mm

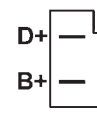

**110891** Alternator 14 V, 70 Amp.

Replacing: 63324233

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.30 C: 83.00 mm


**110899** Alternator 14 V, 33 Amp.

Replacing: 63362006, 63362004, 63362003, 63300506

Servicing: Agrifull, DAF, Fiat, Volvo

B+ Plug, Grooves 1, Pulley P, Fan EF Regulator: Cargo 130675.

A: 48.45 B: 24.00 C: 74.00 mm


**110911** Alternator 14 V, 55 Amp.

Replacing: 63305722, 63305721

Servicing: Audi, Peugeot, Saab, VW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.64 B: 56.00 mm

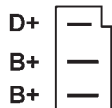

**110912** Alternator 14 V, 55 Amp.

Replacing: 63321493, 63321197, 63321172, 63321080, 63321071, 63321061, 63321010, 63321008, 63320141, 63320128

Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 16.40 C: 66.00 mm

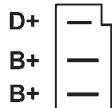

**110913** Alternator 14 V, 70 Amp.

Replacing: 943356442

Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm


**110923** Alternator 14 V, 55 Amp.

Replacing: 943356621

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm


**110991** Alternator 14 V, 55 Amp.

Replacing: 63321015, 63321013, 63320030, 63320010, 63307503, 63307406, 63307403

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 58.65 B: 27.00 C: 69.65 mm


**111032** Alternator 14 V, 50 Amp.

Replacing: 63321160, 63321159, 63320091

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 55.85 B: 27.10 C: 69.60 mm


**111035** Alternator 14 V, 65 Amp.

Replacing: 63505101, 63321154, 63321005, 63321003, 63320130, 63320056, 63320028, 63320004, 63307431, 63307401

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm


**111036** Alternator 14 V, 45 Amp.

Replacing: MAN342, 63321189, 63321113, 63321000, 63320001

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.80 B: 32.25 mm

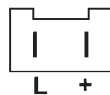

**111078** Alternator 14 V, 45 Amp.

Replacing: 63321001, 63320002, 63308731, 63308701, 63307128, 63307126, 63307108, 63307106, 63306731, 63306721

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.25 B: 21.85 mm

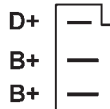

**111082** Alternator 14 V, 60 Amp.

Replacing: 94335657, 943321083, 63396554, 63321114, 63321083, 63320039

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 100.95 B: 56.00 mm


**111083<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 943356019

Servicing: Audi, Ford, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 76.15 B: 56.00 mm

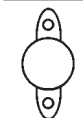

**111085** Alternator 14 V, 55 Amp.

Replacing: 943356823

Servicing: Volvo

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 91.95 B: 71.00 mm


**111138** Alternator 14 V, 45 Amp.

Replacing: 63307120, 63307100, 63305130, 63305100, 63305000, 63303780

Servicing: Fiat, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.35 B: 17.00 C: 63.00 mm




**111148** Alternator 14 V, 65 Amp.

Replacing: 943321023, 63321510, 63321070, 63321068, 63321023, 63321007, 63320055, 63320035, 63320016, 63307634

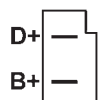
Servicing: Autobianchi, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm


**111153** Alternator 14 V, 55 Amp.

Replacing: 63305820, 63305800

Servicing: Alfa Romeo

B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 52.00 B: 27.00 mm


**111180** Alternator 14 V, 33 Amp.

Replacing: 943356274, 63300931, 63300921, 63300920, 63300901, 63300900, 63300802, 63300521, 30680274

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

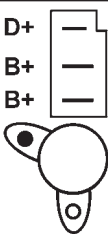
B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 25.00 C: 74.00 mm


**111289** Alternator 14 V, 70 Amp.

Replacing: 943358010, 943356639, 943356633, 63358020, 63358010

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

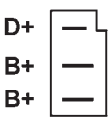
B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm


**111355** Alternator 14 V, 65 Amp.

Replacing: 63324387, 63324294, 63324245

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

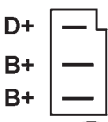
B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 37.00 B: 11.50 C: 81.00 mm


**111363** Alternator 14 V, 45 Amp.

Replacing: 63325256, 63324327

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 36.70 B: 11.00 C: 83.00 mm


**111364** Alternator 14 V, 55 Amp.

Replacing: 63324296, 63324145

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.50 B: 12.50 C: 81.00 mm


**111368** Alternator 14 V, 70 Amp.

Replacing: 63324231

Servicing: Ford

Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 34.90 B: 12.00 C: 82.60 mm


**111409** Alternator 14 V, 100 Amp.

Replacing: 63321800, 63321349, 63321246, 63321241, 63320292, 63320256, 63320226

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 7, Pulley SP, Fan IF  
 A: 41.00 B: 22.00 C: 54.35 mm


**111411** Alternator 14 V, 75 Amp.

Replacing: 63341712, 63341233, 63341200, 63321848, 63321712, 63321600, 63321470, 63321270, 63321233, 63321200

Servicing: Citroen, Fiat, Ford, Lancia, Peugeot

B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 54.80 B: 32.00 mm


**111413** Alternator 14 V, 90 Amp.

Replacing: 63321809, 63321614, 63321611, 63321311, 63321278

Servicing: Fiat, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.90 B: 17.00 C: 54.90 mm


**111416** Alternator 14 V, 65 Amp.

Replacing: 63321820, 63321661, 63321660, 63321616, 63321615, 63321367, 63321362, 63321282, 63321275, 63321251

Servicing: Citroen, Fiat

B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 49.85 B: 16.75 C: 82.00 mm



**111418** Alternator 14 V, 55 Amp.  
 Replacing: 63321044, 63321042, 63320024  
 Servicing: Alfa Romeo, Fiat, Iveco  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 17.00 C: 66.00 mm



**111500**<sup>#</sup> Alternator 14 V, 100 Amp.  
 Replacing: 63321412, 63321315, 63321245  
 Servicing: Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 22.00 C: 54.50 mm



**111505** Alternator 14 V, 75 Amp.  
 Replacing: 63321604, 63321603, 63321364,  
 63321300, 63321281, 63321235, 63320258,  
 63221604  
 Servicing: Fiat, Lancia  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 12.25 B: 32.35 C: 83.55 mm



**111568** Alternator 14 V, 85 Amp.  
 Replacing: 63321792, 63321489, 63321485,  
 63321453, 63321406, 63321332, 63321331,  
 63321237, 63321227  
 Servicing: Citroen, Fiat  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 40.50 B: 22.50 C: 82.00 mm



**111582**<sup>#</sup> Alternator 14 V, 85 Amp.  
 Replacing: 63321402, 63321299  
 Servicing: Fiat, Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 40.50 B: 22.00 C: 54.50 mm



**111620** Alternator 14 V, 65 Amp.  
 Replacing: 943321086, 943321084,  
 943321017, 63321153, 63321152, 63321096,  
 63321086, 63321084, 63321072  
 Servicing: Alfa Romeo, Ferrari, Fiat, Lancia  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 A: 47.75 B: 16.30 C: 63.00 mm



**111621** Alternator 14 V, 55 Amp.  
 Replacing: 63321067, 63320034  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 57.50 B: 32.30 mm



W D+ B+



**111623** Alternator 14 V, 70 Amp.  
 Replacing: 63324293, 54022720  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 4,  
 Pulley SP, Fan EF  
 A: 33.00 B: 11.80 C: 83.40 mm



**111625** Alternator 14 V, 100 Amp.  
 Replacing: 63321802, 63321423, 63321316,  
 63321313  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.50 B: 22.00 C: 54.50 mm



**111633** Alternator 14 V, 80 Amp.  
 Replacing: 63321705, 63321693, 63321348  
 Servicing: Nissan  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.50 B: 25.00 C: 80.70 mm



**111654** Alternator 14 V, 65 Amp.  
 Replacing: 943321172, 63321199, 63321123,  
 63321077, 63321029, 63321017, 63320126,  
 63320020, 63320017, 63320013  
 Servicing: Fiat, Lancia  
 B+ M6, Pulley w/o, Fan EF  
 B: 16.00 C: 64.00 mm



**111686** Alternator 14 V, 65 Amp.  
 Replacing: 943321019, 943320049,  
 63321146, 63321099, 63321031, 63321022,  
 63321021, 63321020, 63321019  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Lancia, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm


**111687** Alternator 14 V, 55 Amp.

Replacing: 63321165, 63320094

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 53.00 B: 26.50 mm


**111688** Alternator 14 V, 85 Amp.

Replacing: 63321329, 63321328, 63320277

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 59.00 B: 25.00 C: 71.00 mm


**111689** Alternator 14 V, 90 Amp.

Replacing: 63321625, 63321609, 63321607, 63321606, 63321396, 63321295, 63321283, 63321252

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 58.00 B: 25.00 C: 71.00 mm


**111723** Alternator 14 V, 70 Amp.

Replacing: 63321771, 63321671

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

B: 56.00 mm

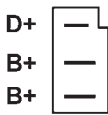

**111725#** Alternator 14 V, 75 Amp.

Replacing: 63321640

Servicing: Fiat, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 45.00 B: 17.00 C: 54.50 mm

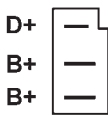

**111738** Alternator 14 V, 65 Amp.

Replacing: 63324290

Servicing: Rover

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.00 C: 82.00 mm


**111739** Alternator 14 V, 55 Amp.

Replacing: 63324273

Servicing: Ford, New Holland

B+ M6, Pulley w/o, Fan EF w/ battery sensor terminal.

B: 11.40 C: 82.30 mm


**111740** Alternator 14 V, 70 Amp.

Replacing: 63324274

Servicing: Ford

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF w/ battery sensor terminal.

A: 35.50 B: 11.30 C: 82.70 mm

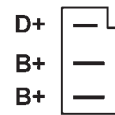

**111742** Alternator 14 V, 70 Amp.

Replacing: 63324293, 54022720

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 34.00 B: 12.00 C: 83.00 mm


**111754** Alternator 14 V, 70 Amp.

Replacing: 63324264

Servicing: Ford

B+ 9.40, Grooves 4, Pulley SP, Fan w/o Also w/o vacuum pump: Cargo 110607.

A: 33.65 B: 12.25 C: 82.70 mm


**111756** Alternator 14 V, 65 Amp.

Replacing: 63341238, 63321342, 63321238, 63320218

Servicing: Rover

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 57.90 mm


**111795** Alternator 14 V, 80 Amp.

Replacing: 63377410, 63377402, 63341797, 63341697, 63341679, 63321697, 63321679, 63321279

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm




**111802** Alternator 14 V, 75 Amp.

Replacing: 63321617, 63321361, 63321276, 63321205

Servicing: Fiat

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 40.50 B: 17.00 C: 81.80 mm


**111803** Alternator 14 V, 60 Amp.

Replacing: 63321170

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 50.50 B: 28.00 mm


**B+D+ W**

**112021** Alternator 14 V, 100 Amp.

Replacing: 63341358, 63341321, 63340004, 63321358, 63321321

Servicing: Land Rover

B+ M6, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 31.00 B: 13.50 C: 83.50 mm


**112022<sup>#</sup>** Alternator 14 V, 100 Amp.

Replacing: 63321405, 63321391, 63321229, 63320305

Servicing: Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 22.50 C: 82.00 mm


**B+D+ W**

**112025** Alternator 14 V, 100 Amp.

Replacing: 63341353, 63341243, 63341240, 63321243, 63321240, 63320315, 63320289

Servicing: Land Rover

B+ M6, Terminal W, Grooves 7, Pulley SP, Fan IF

A: 31.00 B: 14.00 C: 70.50 mm


**112078** Alternator 14 V, 120 Amp.

Replacing: 63304078

Servicing: Citroen, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 44.50 C: 82.00 mm


**L DFM**

**112079** Alternator 14 V, 90 Amp.

Replacing: 63304079

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm


**112087** Alternator 14 V, 55 Amp.

Replacing: 63304807

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 80.50 mm


**112095** Alternator 14 V, 100 Amp.

Replacing: 63321426

Servicing: Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 17.30 C: 54.60 mm


**112097** Alternator 28 V, 30 Amp.

Replacing: 943320025, 63321163, 63321161, 63321115, 63321104, 63321063, 63321055, 63321052, 63321050, 63321049

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 73.00 mm


**B+D+ W**

**112121** Alternator 14 V, 70 Amp.

Replacing: 63341730, 63341724, 63341691, 63341669, 63341244, 63321730B, 63321730A, 63321730, 63321724

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 33.00 B: 14.40 C: 55.50 mm


**FR SIGA LI RC A**

**112142** Alternator 14 V, 90 Amp.

Replacing: 63377413, 63377412, 63377404, 63341746, 63341677, 63321898, 63321823, 63321746, 63321677

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 14.00 C: 63.20 mm



FRSIGA  
LI RC A



**112143** Alternator 14 V, 80 Amp.

Replacing: 63377409, 63341678, 63321678

Servicing: Ford, Lister

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 13.80 C: 62.40 mm



**112202** Alternator 14 V, 85 Amp.

Replacing: 63341239, 63321239

Servicing: MG, Rover

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 57.50 mm



**112203** Alternator 14 V, 65 Amp.

Replacing: 63341727, 63341636, 63321727, 63321636

Servicing: Austin, Rover

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 35.50 B: 14.10 C: 75.25 mm



**112238** Alternator 14 V, 65 Amp.

Replacing: 63324242

Servicing: Austin, DAF, Land Rover, LDV, Rover

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.00 B: 11.50 C: 81.70 mm



B+D+ W



**112324** Alternator 14 V, 85 Amp.

Replacing: 63341434, 633214434, 63321434, 63320347, 63320317

Servicing: Rover

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 14.20 C: 69.80 mm



B+D+ W



**112325** Alternator 14 V, 70 Amp.

Replacing: 943322602, 63341695, 63341666, 63321695, 63321666, 63321425, 63321257, 63320531, 63320243

Servicing: Ford

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 33.00 B: 14.20 C: 82.30 mm



B+D+



**112384** Alternator 14 V, 75 Amp.

Replacing: 63341702, 63341658, 63321702, 63321658

Servicing: Smart (MCC)

B+M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 57.90 mm



**112540** Alternator 14 V, 100 Amp.

Replacing: 63321395, 63321231

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 55.30 B: 17.00 C: 63.00 mm



L DF/  
DFM



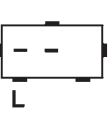
**112648** Alternator 14 V, 70 Amp.

Replacing: 63321741

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.00 mm



L



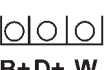
**112654** Alternator 14 V, 90 Amp.

Replacing: 63341711, 63321711B, 63321711

Servicing: Ford

B+ M6, Pulley w/o, Fan IF

B: 17.25 C: 62.60 mm



B+D+ W



**112698** Alternator 14 V, 100 Amp.

Replacing: 63341344, 63341343, 63321473, 63321465, 63321422, 63321344, 63321343, 63321324

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm



B+D+ W



**112718** Alternator 14 V, 100 Amp.

Replacing: 63321346, 63321285

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm

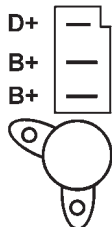

**112719** Alternator 14 V, 55 Amp.

Replacing: 63395575, 63321409, 63321191, 63321120, 63321112, 63321103, 63321028, 63321011, 63320125, 63320053

Servicing: Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 16.20 C: 63.30 mm

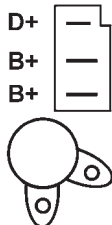

**112722** Alternator 14 V, 70 Amp.

Replacing: 63324407

Servicing: Massey Ferguson

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 10.50 C: 83.50 mm

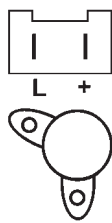

**112727#** Alternator 14 V, 55 Amp.

Replacing: 63321059

Servicing: Seat

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 66.00 B: 39.70 C: 40.00 mm

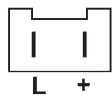

**112728** Alternator 14 V, 55 Amp.

Replacing: 63321178, 63321081, 63321057

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 102.00 B: 56.00 mm


**112744** Alternator 14 V, 60 Amp.

Replacing: 943356667

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm


**112768** Alternator 14 V, 55 Amp.

Replacing: 943356316, 943321095, 63321095, 63320037, 63305120, 30680316

Servicing: Alfa Romeo, Goldoni

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 17.00 C: 70.00 mm


**112782** Alternator 14 V, 80 Amp.

Replacing: 63341723, 63321772, 63321723

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.00 mm

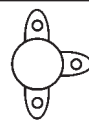

**113246** Alternator 14 V, 90 Amp.

Replacing: 63377300

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.40 mm


**113335** Alternator 14 V, 60 Amp.

Replacing: 63321713, 63321605

Servicing: Fiat

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 60.50 B: 31.80 mm


**113336** Alternator 14 V, 120 Amp.

Replacing: 63321859, 63321826, 63321805, 63321804, 63321507, 63321501, 63321497, 63321414

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 44.00 B: 22.60 C: 54.80 mm


**113338** Alternator 14 V, 65 Amp.

Replacing: 63321833

Servicing: Fiat

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 44.00 B: 17.10 C: 54.40 mm


**113404** Alternator 14 V, 90 Amp.

Replacing: 63321740

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.30 mm




**113405** Alternator 14 V, 70 Amp.

Replacing: 63341733, 63321828, 63321733

Servicing: Citroen, Peugeot

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm


**113471** Alternator 14 V, 65 Amp.

Replacing: 63321488, 63321173, 63321136, 63321082, 63320140, 63320040

Servicing: Fiat, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 54.40 B: 32.00 mm


**113472** Alternator 14 V, 65 Amp.

Replacing: 943321149, 63321157, 63321156, 63321151, 63321149, 63321091, 63320132, 63320083, 63320082, 63320048

Servicing: Fiat, Innocenti, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 49.00 B: 24.90 C: 77.45 mm


**113473**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 943321150, 63321150, 63321137, 63321098, 63321097, 63320073, 63320047

Servicing: Fiat, Innocenti, Lancia

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan EF

A: 49.20 B: 24.50 C: 77.85 mm


**113498** Alternator 14 V, 80 Amp.

Replacing: 63532637

Servicing: Chevrolet, Daewoo, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.65 B: 33.65 C: 58.60 mm


**113529** Alternator 14 V, 120 Amp.

Replacing: 63321753

Servicing: Ford, New Holland

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan IF

A: 32.00 B: 14.10 C: 83.30 mm


**113533** Alternator 14 V, 65 Amp.

Replacing: 63320111

Servicing: Fiat, Lancia, Lombardini

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 52.00 B: 31.80 mm


**113535** Alternator 14 V, 85 Amp.

Replacing: 63377013, 63321775, 63321765

Servicing: Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 16.30 B: 24.20 C: 51.00 mm


**113536** Alternator 14 V, 90 Amp.

Replacing: 63321836, 63321819, 63321810, 63321729, 63321612, 63321330, 63321287

Servicing: Alfa Romeo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.50 B: 16.90 C: 54.30 mm


**113537** Alternator 14 V, 65 Amp.

Replacing: 63321870, 63321747, 63321663, 63321602, 63321280, 63321234

Servicing: Fiat, Lancia, Peugeot

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 62.25 B: 32.00 mm

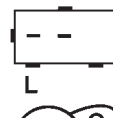

**113575** Alternator 14 V, 80 Amp.

Replacing: 63321734

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm


**113599** Alternator 14 V, 80 Amp.

Replacing: 63341758, 63321758

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.20 B: 16.70 C: 53.90 mm



**113621** Alternator 14 V, 115 Amp.  
 Replacing: 63321817, 63321743  
 Servicing: Ford, New Holland  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 33.55 B: 14.10 C: 83.35 mm



**113623** Alternator 14 V, 70 Amp.  
 Replacing: 63324385, 63324384, 63324295  
 Servicing: Ford, Honda  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 12.00 C: 82.60 mm



**113625<sup>#</sup>** Alternator 14 V, 70 Amp.  
 Replacing: 63324311  
 Servicing: Ford  
 B+ M6, Terminal S, Pulley w/o, Fan w/o  
 B: 23.75 C: 73.40 mm



**113667** Alternator 14 V, 90 Amp.  
 Replacing: 63321613, 63321312, 63320510  
 Servicing: Fiat  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 44.00 B: 17.00 C: 55.25 mm



**113684** Alternator 14 V, 90 Amp.  
 Replacing: 63321863, 63321790, 63321788, 63321627, 63321626  
 Servicing: Fiat, Lancia  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 68.00 B: 32.10 mm



**113718** Alternator 14 V, 70 Amp.  
 Replacing: 63377008, 63377006, 63377002, 63321718  
 Servicing: Citroen, Fiat, Lancia  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 16.50 B: 23.50 C: 50.00 mm



**113720** Alternator 14 V, 75 Amp.  
 Replacing: 63377493  
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm



**113763** Alternator 14 V, 85 Amp.  
 Replacing: 63377462, 63377461, 63377460, 63321466, 63320349  
 Servicing: JCB, Land Rover  
 B+ M6, Terminal W, Pulley w/o  
 C: 82.00 mm



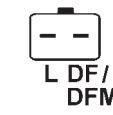
**113838** Alternator 14 V, 55 Amp.  
 Replacing: 63321039, 63320022  
 Servicing: Alfa Romeo, Iveco, Mazda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
*Pulley width: 9.50 mm.*  
 A: 49.00 B: 17.20 C: 69.80 mm



**113849** Alternator 14 V, 150 Amp.  
 Replacing: 63377416  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



**113864** Alternator 14 V, 90 Amp.  
 Replacing: MAR941, 943356504  
 Servicing: BMW  
 B+ M8, Pulley w/o, Fan w/o  
 B: 16.00 C: 79.85 mm



**113872<sup>#</sup>** Alternator 14 V, 80 Amp.  
 Replacing: 63321829  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.50 mm



**113904** Alternator 14 V, 140 Amp.

Replacing: 63377491

Servicing: Opel, Saab, Vauxhall

B+ M8, Terminal DF, Grooves 6, Pulley SP/FW, Fan IF

A: 113.00 B: 61.00 mm



**113914** Alternator 14 V, 100 Amp.

Replacing: 63341345, 63321421, 63321345

Servicing: Ford

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 33.30 B: 14.00 C: 82.70 mm



**113939** Alternator 14 V, 100 Amp.

Replacing: 63321803, 63321506, 63321436, 63321419, 63321355, 63320333

Servicing: Fiat, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.40 B: 22.50 C: 54.00 mm



**113942** Alternator 14 V, 100 Amp.

Replacing: 63321801, 63321418, 63321310, 63321232

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.60 C: 54.27 mm



B+ D+



**113943** Alternator 14 V, 100 Amp.

Replacing: 63321826, 63321806, 63321805, 63321804, 63321501, 63321497

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Pulley w/o, Fan IF

B: 22.00 C: 54.49 mm



B+ D+



**113955** Alternator 14 V, 105 Amp.

Replacing: 63377492

Servicing: Fiat, Opel, Vauxhall

B+ M8, Pulley w/o, Fan IF

B: 61.00 mm



**113967** Alternator 14 V, 120 Amp.

Replacing: 63377464

Servicing: Caterpillar, Perkins

B+ M6, Terminal W, Pulley w/o

B: 13.00 C: 83.00 mm



**113987** Alternator 14 V, 140 Amp.

Replacing: 63321862

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Pulley w/o, Fan IF

B: 22.00 C: 54.40 mm



**113996** Alternator 14 V, 140 Amp.

Replacing: 63377005, 63321940

Servicing: Alfa Romeo, Fiat, Lancia, Suzuki

B+ M8, Pulley w/o, Fan IF

B: 61.30 mm



B+ D+



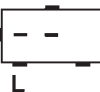
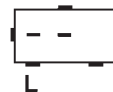
**114025** Alternator 14 V, 75 Amp.

Replacing: 63341896, 63321897, 63321896, 63321702, 63321658

Servicing: Smart (MCC)

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.50 B: 57.80 mm



**114066** Alternator 14 V, 90 Amp.

Replacing: 63341778, 63321778

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 14.00 C: 54.00 mm



**114204** Alternator 14 V, 120 Amp.

Replacing: 63377490, 63377004

Servicing: Alfa Romeo, Fiat, Opel, Vauxhall

B+ M8, Pulley w/o, Fan IF

B: 60.60 mm





FRSIGA  
LIRCA



**114248** Alternator 14 V, 150 Amp.

Replacing: 63377418

Servicing: Ford

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 52.00 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114384** Alternator 14 V, 85 Amp.

Replacing: 63321744

Servicing: Case, New Holland

B+ M6, Terminal W, Pulley w/o, Fan IF

B: 17.00 C: 63.40 mm



DFM L

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114409\*** Alternator 14 V, 100 Amp.

Replacing: 63377424

Servicing: Opel, Vauxhall

Grooves 6, Pulley SP/FW, Fan IF

A: 40.0 B: 64.0 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114462\*** Alternator 14 V, 70 Amp.

Replacing: 63377011

Servicing: Alfa Romeo, Fiat, Lancia

Grooves 4, Pulley SP, Fan IF


**110163** Alternator 28 V, 45 Amp.

Replacing: 443113516866

Servicing: Renault V.I.

 B+ M6, Terminal W, Grooves 2,  
Pulley DP, Fan EF

A: 48.75 B: 27.25 C: 67.50 mm


**110542** Alternator 14 V, 55 Amp.

 Replacing: 9516061, 9516060, 9516051,  
9516050, 443113516184, 443113516181,  
443113516180, 443113516121

Servicing: Skoda

B+ M6, Grooves 1, Pulley P, Fan EF

A: 79.00 B: 50.00 mm


**110621** Alternator 14 V, 55 Amp.

 Replacing: 9516653, 9516650,  
443113516653, 443113516650, 334113516653

 Servicing: Chang Feng (Liebao), Zetor, ZTS  
Teas

B+ M6, Pulley w/o, Fan w/o

B: 27.00 C: 65.85 mm


**110622** Alternator 14 V, 70 Amp.

 Replacing: 9516661, 9516660,  
443115901010, 443113516752,  
443113516751, 443113516750, 443113516662

Servicing: Skoda

B+ M6, Pulley w/o, Fan w/o

B: 27.25 C: 66.00 mm


**110641** Alternator 14 V, 33 Amp.

Replacing: 9515311, 9515310

 Servicing: Bosch, BPM, Case, Claas,  
Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer,  
Lamborghini, Liebherr, Linde

B+ M6, Grooves 1, Pulley P, Fan EF

A: 76.30 B: 56.00 mm


**110881** Alternator 14 V, 55 Amp.

Replacing: 8515220

 Servicing: Deutz-Fahr, Fendt, Kramer,  
Marshall, Volvo

 B+ M6, Terminal W, Grooves 2,  
Pulley P, Fan EF

A: 88.00 B: 56.00 mm


**111009** Alternator 28 V, 35 Amp.

 Replacing: 9515836, 443113516846,  
443113516842, 443113516836

Servicing: Porsche, Tatra

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 51.70 B: 27.25 C: 66.00 mm

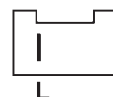

**111035** Alternator 14 V, 65 Amp.

Replacing: 9516714

 Servicing: Audi, Autobianchi, Case, Fiat,  
Innocenti, Lancia, VW, Zastava

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm

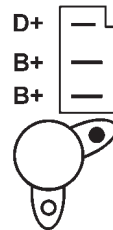

**111076** Alternator 14 V, 50 Amp.

 Replacing: 9515404, 443113516404,  
443113515415, 443113515414

Servicing: Citroen, Opel, Peugeot, Talbot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.35 B: 26.80 C: 66.00 mm


**111086** Alternator 14 V, 65 Amp.

Replacing: 9516721, 9516720, 9515491

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm


**111168** Alternator 14 V, 55 Amp.

 Replacing: 9516761, 9516760, 9516716,  
443113516761

Servicing: Ferrari, Opel, Vauxhall

 B+ M6, Terminal W, Grooves 1,  
Pulley P, Fan EF

A: 84.00 B: 56.00 mm

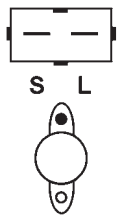

**111170** Alternator 14 V, 65 Amp.

Replacing: 9515051, 9515050

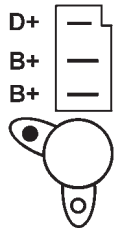
Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

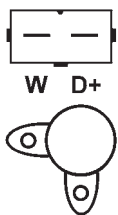
A: 34.85 B: 10.80 C: 81.00 mm



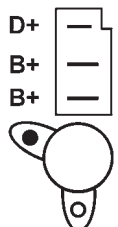
**111216** Alternator 14 V, 37 Amp.  
 Replacing: 9515090, 9514096, 9514090  
 Servicing: Thermo King  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 51.00 mm



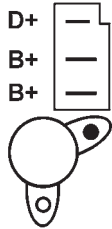
**111289** Alternator 14 V, 70 Amp.  
 Replacing: 9516742, 9516740, 9516709, 9515734  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



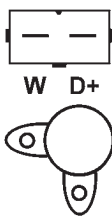
**111353** Alternator 14 V, 70 Amp.  
 Replacing: 9517162  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 59.00 mm



**111362** Alternator 14 V, 55 Amp.  
 Replacing: 443113516701, 443113516700  
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra  
 B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 34.50 B: 11.00 C: 81.00 mm



**111368** Alternator 14 V, 70 Amp.  
 Replacing: 443113516741  
 Servicing: Ford  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 34.90 B: 12.00 C: 82.60 mm



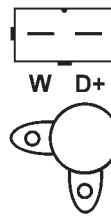
**111477** Alternator 14 V, 90 Amp.  
 Replacing: 9517185, 9517182  
 Servicing: Ford, Seat, Skoda, VW  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 39.50 B: 13.50 C: 59.00 mm



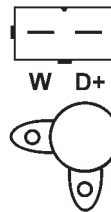
**111662** Alternator 14 V, 33 Amp.  
 Replacing: 9513053  
 Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 56.00 mm



**111686** Alternator 14 V, 65 Amp.  
 Replacing: 9515080  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



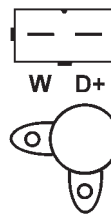
**111820** Alternator 14 V, 90 Amp.  
 Replacing: 9517183, 9517181  
 Servicing: Audi, Skoda, VW  
 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 14.00 C: 59.00 mm



**111825** Alternator 14 V, 70 Amp.  
 Replacing: 9517164  
 Servicing: Seat, Skoda, VW  
 B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF  
 A: 44.00 B: 14.30 C: 60.70 mm

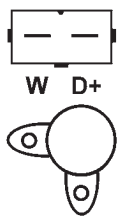


**111843** Alternator 14 V, 95 Amp.  
 Replacing: 9515180, 9513160  
 Servicing: Case  
 B+ M8, Terminal W, Grooves 6, Pulley SP, Fan w/o  
 B- M8.  
 A: 74.60 B: 51.00 mm



**111858** Alternator 14 V, 90 Amp.  
 Replacing: 9517484, 9517184  
 Servicing: Seat, VW  
 B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF  
 A: 42.90 B: 14.00 C: 59.00 mm



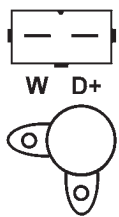

**111878** Alternator 14 V, 70 Amp.

Replacing: 9517163

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm


**111884** Alternator 14 V, 90 Amp.

Replacing: 9517482

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 39.50 B: 14.00 C: 61.50 mm

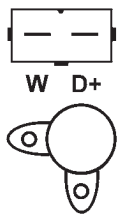

**111888** Alternator 14 V, 65 Amp.

Replacing: 9515170

Servicing: Case

B+ M8, Terminal W, Grooves 8, Pulley SP, Fan EF

A: 81.00 B: 50.60 mm


**111899** Alternator 14 V, 90 Amp.

Replacing: 9517189

Servicing: VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.30 B: 14.00 C: 61.00 mm


**111989** Alternator 14 V, 90 Amp.

Replacing: 9517213

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 61.00 mm

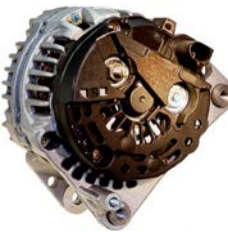

**112035** Alternator 14 V, 70 Amp.

Replacing: 9516673, 443113516673, 443113516670

Servicing: Zetor

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 27.10 C: 66.00 mm


**112043** Alternator 14 V, 90 Amp.

Replacing: 9517219

Servicing: VW

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm


**112075** Alternator 14 V, 70 Amp.

Replacing: 9517103, 443113517103

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40,00 B: 14.00 C: 60,75 mm

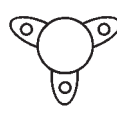

**112079** Alternator 14 V, 90 Amp.

Replacing: 9517483, 9517413

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm

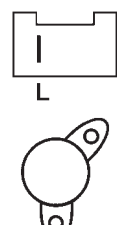

**112098** Alternator 14 V, 65 Amp.

Replacing: 9516693, 9515010, 9513031, 443113516693, 443113516690

Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**112162** Alternator 14 V, 70 Amp.

Replacing: 9515415, 9515414, 443113516414, 334113516414

Servicing: Citroen, Peugeot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.90 mm


**112234#** Alternator 14 V, 85 Amp.

Replacing: 9516381

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 81.30 B: 56.30 mm



**112238** Alternator 14 V, 65 Amp.

Replacing: 9515040

Servicing: Austin, DAF, Land Rover, LDV, Rover

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.00 B: 11.50 C: 81.70 mm



**112274** Alternator 14 V, 90 Amp.

Replacing: 9517212

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 14.10 C: 61.40 mm



**112387** Alternator 14 V, 90 Amp.

Replacing: 9516591, 9516590, 443113516591

Servicing: Skoda

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF

A: 32.50 B: 14.00 C: 66.00 mm



**112419** Alternator 14 V, 70 Amp.

Replacing: 9517241

Servicing: Seat, Skoda

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 35.00 B: 14.00 C: 81.60 mm



**112736** Alternator 14 V, 65 Amp.

Replacing: 9515230

Servicing: Deutz-Fahr, Fahr, Iveco

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.50 B: 56.10 mm



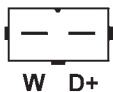
**113340** Alternator 14 V, 70 Amp.

Replacing: 9517403

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 39.00 B: 14.00 C: 62.00 mm



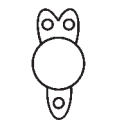
**113341<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 9517463

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 13.90 C: 61.80 mm



**113542** Alternator 14 V, 55 Amp.

Replacing: 9516765, 9515765, 443113515765

Servicing: John Deere

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 83.00 B: 56.00 mm



**113543** Alternator 14 V, 55 Amp.

Replacing: 9516241, 9515241, 443113516241, 443113515241

Servicing: John Deere

B+ M6, Terminal W, Grooves 8, Pulley SP, Fan EF

A: 77.40 B: 50.75 mm



**113552** Alternator 14 V, 120 Amp.

Replacing: 9515122, 9515112

Servicing: Case

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 77.00 B: 50.80 mm



**113632** Alternator 14 V, 85 Amp.

Replacing: 9515361, 9515102, 9513170, 9513071

Servicing: John Deere, Lada

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 56.10 mm



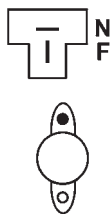
**113716** Alternator 14 V, 90 Amp.

Replacing: 9514696, 9514593, 9514590, 9514566, 95124596

Servicing: Thermo King, Yanmar

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 51.00 mm


**110128** Alternator 14 V, 35 Amp.

Replacing: AH2035N1, AG2035A2, AG2035A, AG2030A, AG2025A, A1T24471, A1T22581, A1T21171, A1T20271

Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM

B+ M6, Grooves 1, Pulley P, Fan EF

A: 38.50 B: 11.50 C: 80.50 mm


**110133** Alternator 14 V, 35 Amp.

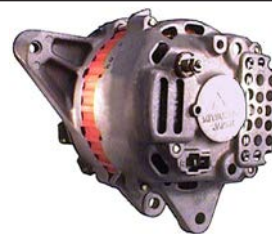
Replacing: AH2040H4, AH2040H1, AH2040H, AH2035Z5, AH2035Z1, AH2035T9, AH2035T8, AH2035T4, AH2035T3, AH2035T2

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130615, 6 pins. Regulator: Cargo 130616, 6+1 pins.

A: 39.40 B: 12.50 C: 80.50 mm

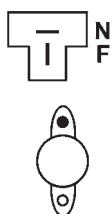

**110140** Alternator 14 V, 50 Amp.

Replacing: MD034132, MD034131, MD034130, MD015041, MD015040, MD009071, MD009054, MD009053, MD009052, MD007509

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 47.00 mm

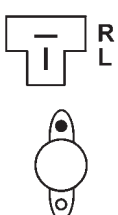

**110129** Alternator 14 V, 50 Amp.

Replacing: AH2250C7, AH2250C2, AH2250C1, AH2060N2, AH2050C, AG2250C7, AG2050N6, AG2050N4, AG2050N31, AG2050N26

Servicing: Isuzu, Nissan, Subaru

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.00 B: 13.50 C: 80.50 mm

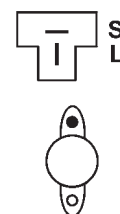

**110134** Alternator 14 V, 55 Amp.

Replacing: A5T20387, A5T20377, A2T23477, A2T23474, A2T21278

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.00 B: 12.50 C: 80.50 mm

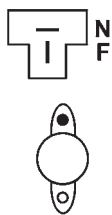

**110168** Alternator 14 V, 50 Amp.

Replacing: AQ2250D32, AQ2250C2, AQ2050N12, AQ2050A24, A5T21871, A5T20972, A5T20872, A5T20871, A5T20374

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 13.00 C: 81.00 mm

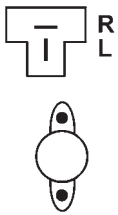

**110131** Alternator 14 V, 50 Amp.

Replacing: AH2250C42, AH2250C31, AG2250C31, A2T26572, A2T21982, A2T21977, A2T21972, A2T21371, A2T14972

Servicing: Chevrolet, Isuzu, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 40.75 B: 13.50 C: 80.80 mm

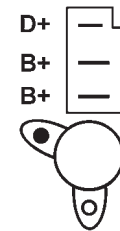

**110136** Alternator 14 V, 50 Amp.

Replacing: A5T30171, A5T21472, A5T21471, A3T21474, A2T26172, A2T26072, A2T25171, A2T25081, A2T25071

Servicing: Ford, Mazda

B+ M5, Terminal W, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 80.00 mm

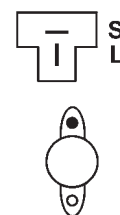

**110178** Alternator 14 V, 36 Amp.

Replacing: AH2140B14

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm


**110264** Alternator 14 V, 40 Amp.

Replacing: A1T32471, A1T24571, A1T24371, A1T22975, A1T22971, A1T22071, A1T02871

Servicing: Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.50 B: 13.20 C: 80.20 mm




**110307** Alternator 14 V, 60 Amp.

Replacing: AQ2060B3, A3T40472, A3T34872, A3T33272, A3T32272, A3T02972, A2T40972, A2T40971, A2T14472

Servicing: Mazda, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 13.10 C: 80.40 mm


**110318** Alternator 14 V, 50 Amp.

Replacing: MD064068, MD064067, MD064066, MD061151, MD061150, MD041701, MD041700, MD027661, MD025679, MD022579

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 45.00 B: 14.00 C: 55.00 mm


**110383**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: M2T40377, A5T32174, A3T34077, A3T33977, A3T31977, A3T21677, A3T21278, A3T21277, A3T20777, A2T40377

Servicing: Mazda, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.50 B: 13.00 C: 80.50 mm


**110385** Alternator 14 V, 40 Amp.

Replacing: A1T33771

Servicing: Bedford, Subaru, Suzuki

B+ M6, Grooves 1, Pulley P, Fan EF

A: 41.60 B: 13.20 C: 66.60 mm

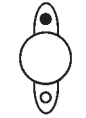

**110405**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: MD086047, MD086046, MD041706, MD018230, A3T60G2, A3T34677, A3T34672, A3T32872

Servicing: Dodge, Mitsubishi, Plymouth

B+ M6, Grooves 1, Pulley P, Fan EF

A: 41.00 B: 13.00 C: 55.00 mm

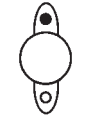

**110406**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: A5T41477, A5T40377, A5T32277, A2T49777, A2T49177, A2T45887, A2T45877, A2T44277, A2T42177, A2T41677

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.00 C: 65.00 mm


**110448** Alternator 28 V, 20 Amp.

Replacing: A1T70783

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 81.30 mm


**110630** Alternator 14 V, 70 Amp.

Replacing: A2T48298, A2T48292

Servicing: Nissan

B+ M6, Grooves 6/4, Pulley SP, Fan EF

A: 35.35 B: 19.88 C: 81.30 mm


**110631** Alternator 14 V, 70 Amp.

Replacing: A5T04492B, A5T04492A, A5T04392B, A5T04392A, A5T04392, A5T03192, A5T03092

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 24.85 C: 82.20 mm


**110632** Alternator 14 V, 65 Amp.

Replacing: A5T00192

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.80 B: 25.00 C: 80.80 mm


**110659** Alternator 14 V, 75 Amp.

Replacing: MD309333, MD114620, MD012085, A5T05091, A2T09493, A2T09292

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.15 B: 13.00 C: 55.00 mm

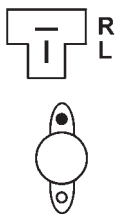

**110660** Alternator 14 V, 65 Amp.

Replacing: MD197475, MD111286, MD111151, MD105342, MD099624, MD091794, MD091749, MD073067, A2T49792, A2T43791

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.25 B: 13.25 C: 55.00 mm

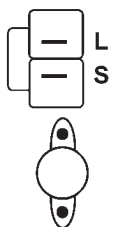

**110662** Alternator 14 V, 65 Amp.

Replacing: A2T04677

Servicing: Mazda

B+ M5, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 12.86 C: 66.24 mm

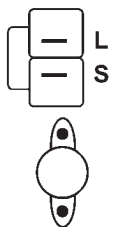

**110663** Alternator 14 V, 60 Amp.

Replacing: A2T35177, A2T34477, A2T05572

Servicing: Ford, Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 41.75 B: 13.15 C: 66.60 mm

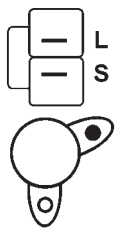

**110664** Alternator 14 V, 70 Amp.

Replacing: A2T20191ZC, A2T20191, A2T19991A, A2T19991, A2T06092, A2T05893ZC, A2T05893, A2T05892ZC, A2T05892C

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF

A: 43.50 B: 13.10 C: 66.10 mm

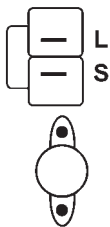

**110666** Alternator 14 V, 60 Amp.

Replacing: MD125096, MD102088, A2T48791ZC, A2T48791, A2T09691

Servicing: Eagle, Mitsubishi, Plymouth

B+ M5, Grooves 4, Pulley SP, Fan IF

A: 38.50 B: 13.00 C: 48.10 mm


**110667#** Alternator 14 V, 65 Amp.

Replacing: A2T28976, A2T18479, A2T18476

Servicing: Mazda

Grooves 1, Pulley P, Fan EF

A: 26.20 B: 13.50 C: 65.35 mm

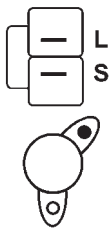

**110672** Alternator 14 V, 55 Amp.

Replacing: MD087246, MD013742, A2T43583

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF

A: 44.75 B: 13.15 C: 54.35 mm

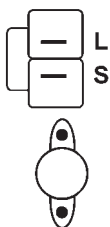

**110687#** Alternator 14 V, 65 Amp.

Replacing: MD102865, MD102864, A2T49476, A2T49377

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan EF

A: 51.65 B: 13.30 C: 54.70 mm

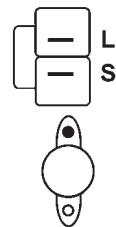

**110689#** Alternator 14 V, 65 Amp.

Replacing: A5T02777, A5T01777, A5T01599, A5T00877, A2T35277, A2T34377

Servicing: Ford, Mazda, Mercury

B+ M6, Grooves 1, Pulley P, Fan IF

A: 43.15 B: 13.30 C: 66.60 mm

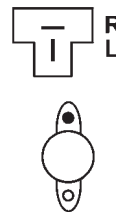

**110691#** Alternator 14 V, 50 Amp.

Replacing: A5T22997B, A5T22997

Servicing: Nissan

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 37.70 B: 13.25 C: 81.00 mm

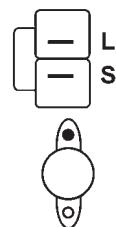

**110692** Alternator 14 V, 55 Amp.

Replacing: A5T31177, A5T30977, A5T30574, A5T22877, A2T17872

Servicing: Ford, Kia, Mazda

B+ M5, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.30 B: 13.32 C: 66.00 mm

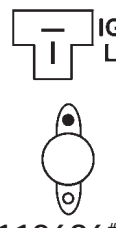

**110693** Alternator 14 V, 60 Amp.

Replacing: A5T41792, A5T41592B, A5T41592

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.80 B: 13.00 C: 81.20 mm


**110696#** Alternator 14 V, 45 Amp.

Replacing: A7T30872, A7T30674, A7T30571, A7T30471, A7T30374, A7T30371, A7T30271

Servicing: Subaru

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.00 B: 13.00 C: 67.00 mm

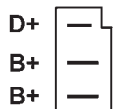

**110702** Alternator 14 V, 70 Amp.

Replacing: A2T25377

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.25 B: 13.30 C: 80.45 mm


**110759** Alternator 14 V, 35 Amp.

Replacing: AQ2140C4, AQ2140C, AH2040C

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm

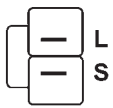

**110802** Alternator 14 V, 75 Amp.

Replacing: MD169683, MD139839, MD136839, MD136838, MD133513, MD133171, MD130329, A3T03493ZC, A3T03493

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.00 B: 13.25 C: 77.60 mm


**110803<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: MD112323, MD112322, A3T04292, A3T00792, A3T00693, A3T00692

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 23.80 B: 12.80 C: 55.00 mm


**110804** Alternator 14 V, 90 Amp.

Replacing: MD153843, MD149750, MD140750, A3T45694, A3T45693ZC, A3T45693, A3T45691

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.85 B: 13.40 C: 77.40 mm


**110805** Alternator 14 V, 50 Amp.

Replacing: MD304139, MD096859, MD095741, MD086016, MD086015, MD070310, MD069859, MD068565, MD067411, MD060793

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 45.30 B: 13.10 C: 54.20 mm

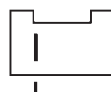

**110806** Alternator 14 V, 65 Amp.

Replacing: MD124233, MD106320, MD106319, MD103564, MD103373, A2T10083, A2T01783, A2T01686, A2T01683, A2T01583

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.40 B: 12.80 C: 56.30 mm


**110907** Alternator 14 V, 80 Amp.

Replacing: A3T45298F, A3T45298D, A3T45298, A3T34598, A3T03298B, A3T03298A, A3T03298, A2T34598C, A2T34598B

Servicing: Citroen, Peugeot

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.90 B: 27.00 C: 65.55 mm

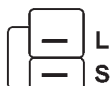

**110927** Alternator 14 V, 55 Amp.

Replacing: A1T41291, A1T40191, A1T01591

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 90.45 B: 57.90 mm

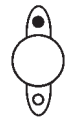

**110956<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: MD141855, MD126796, MD122338, A3T04493, A3T02198, A3T02193, A2T41892

Servicing: Dodge, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 38.50 B: 12.97 C: 55.09 mm


**110957** Alternator 14 V, 75 Amp.

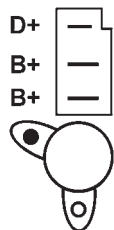
Replacing: MD102084, A5T14792, A2T49992, A2T14792ZC, A2T14792

Servicing: Hyundai

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.05 B: 12.99 C: 55.04 mm




**110968** Alternator 14 V, 70 Amp.

Replacing: AH2040C4

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 37.00 B: 11.00 C: 82.00 mm

**111035** Alternator 14 V, 65 Amp.

Replacing: A2T32171

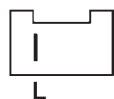
Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 51.25 B: 22.00 C: 73.00 mm

**111042** Alternator 14 V, 35 Amp.

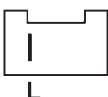
Replacing: MD017645, AH2035M4, AH2035M, AH2025M4, A1T22074, A1T11574

Servicing: Iseki, Mitsubishi

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 42.50 B: 12.10 C: 66.90 mm

**111076** Alternator 14 V, 50 Amp.

Replacing: A2T27091G, A2T27091F, A2T27091E, A2T27091D, A2T27091C, A2T27091A, A2T27091, A2T26391G, A2T26391

Servicing: Citroen, Opel, Peugeot, Talbot

 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm

**111173#** Alternator 14 V, 80 Amp.

Replacing: A3T45291F, A3T45291D, A3T45291C, A3T45291A, A3T45291, A3T45191, A3T03291B, A3T03291A, A3T03291

Servicing: Citroen, Peugeot, Talbot

 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 45.30 B: 27.00 C: 64.65 mm

**111175#** Alternator 14 V, 80 Amp.

Replacing: A2T37692, A2T13391E, A2T13391D, A2T13391C, A2T13391B, A2T13391

Servicing: Citroen, Peugeot

 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 41.30 B: 27.25 C: 69.95 mm

**111237** Alternator 14 V, 70 Amp.

Replacing: A2T33991A, A2T33991

Servicing: Kia, Mazda

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.75 B: 13.00 C: 66.55 mm

**111238** Alternator 14 V, 75 Amp.

Replacing: MD160671, A3T08183

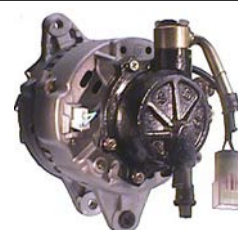
Servicing: Mitsubishi

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 45.20 B: 12.80 C: 55.10 mm

**111240** Alternator 14 V, 50 Amp.

Replacing: MD124234, MD112318, MD106332, MD103372, A2T09884, A2T06384, A2T02084, A2T01384

Servicing: Mitsubishi

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 44.70 B: 13.15 C: 54.55 mm

**111243** Alternator 14 V, 65 Amp.

Replacing: MD132130, MD127087, A2T14876, A2T14376

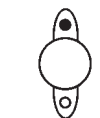
Servicing: Mitsubishi

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 49.75 B: 13.15 C: 55.00 mm

**111264** Alternator 14 V, 80 Amp.

Replacing: A2T35791A, A2T35791, A2T34692B, A2T34692A, A2T13894

Servicing: Infiniti, Nissan

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 37.85 B: 25.45 C: 81.15 mm

**111279** Alternator 14 V, 50 Amp.

Replacing: A7T02591, A7T02491B, A7T02491A, A7T02491, A7T01991, A7T00598, A7T00591, A7T00191, A5TA0791ZC

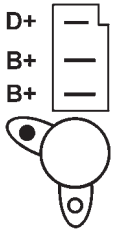
Servicing: Chevrolet, GEO, Pontiac, Suzuki

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.50 B: 20.00 C: 66.00 mm



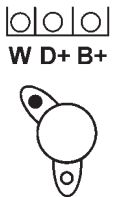
**111285** Alternator 14 V, 70 Amp.

Replacing: A7T04072, A5T06491ZC, A5T06491, A5T06391ZC, A5T06391, A5T06291, A5T04292ZC, A5T04292, A5T04092  
 Servicing: Honda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 89.30 B: 57.80 mm



**111289** Alternator 14 V, 70 Amp.

Replacing: A5T31774, A5T31773, A5T31772, A5T31372  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



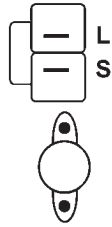
**111292**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: A2TA2591, A2T81891  
 Servicing: Ford  
 B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF  
 A: 31.50 B: 14.00 C: 80.00 mm



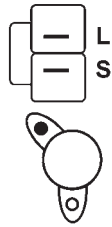
**111293** Alternator 14 V, 70 Amp.

Replacing: A2TA2392, A2T28792, A2T14591  
 Servicing: Ford  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 31.20 B: 14.00 C: 80.00 mm



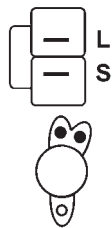
**111308**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: A5T03391  
 Servicing: Ford, Hyundai, Mazda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.00 B: 13.20 C: 66.20 mm



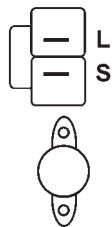
**111309** Alternator 14 V, 75 Amp.

Replacing: A2T39991A, A2T39991  
 Servicing: Hyundai, Proton  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 34.15 B: 13.15 C: 54.50 mm



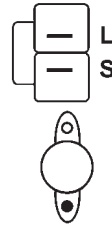
**111314** Alternator 14 V, 90 Amp.

Replacing: MD354793, MD189014, MD168989, A3TA1391A, A3TA1391, A3T08293  
 Servicing: Hyundai, Mitsubishi  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 37.90 B: 13.15 C: 55.15 mm



**111315** Alternator 14 V, 90 Amp.

Replacing: A3T08491ZC, A3T08491C, A3T08491A, A3T08491  
 Servicing: Ford, Mazda  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 37.65 B: 13.20 C: 66.45 mm



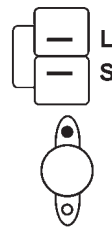
**111317** Alternator 14 V, 80 Amp.

Replacing: A2T33191ZC, A2T33191A, A2T33191  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 36.40 B: 13.20 C: 66.80 mm



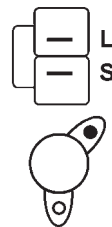
**111318** Alternator 14 V, 80 Amp.

Replacing: A2TA1991F, A2TA1991D, A2TA1991  
 Servicing: BMW, Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.35 B: 56.00 mm



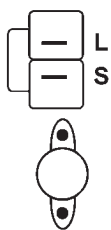
**111337** Alternator 14 V, 70 Amp.

Replacing: A3T04199, A3T04177, A2T08577B, A2T08577A, A2T08577, A2T04599  
 Servicing: Mazda  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 47.60 B: 13.10 C: 66.55 mm



**111339** Alternator 14 V, 65 Amp.

Replacing: MD147245, MD140189, A2T27883, A2T17783  
 Servicing: Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 44.70 B: 13.15 C: 54.50 mm


**111342** Alternator 14 V, 60 Amp.

Replacing: A5T03777, A5T03677A, A5T03677, A5T01977, A5T01577

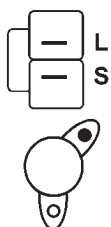
Servicing: Mazda

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 41.60 B: 13.20 C: 66.55 mm

**111344** Alternator 28 V, 25 Amp.

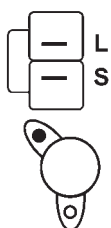
Replacing: ME017561, ME017560, ME017550, ME017509, ME007578, A5T70283, A5T70270, A5T70183, A5T70178, A2T71583

Servicing: Mitsubishi

 B+ M5, Grooves 1, Pulley P, Fan EF  
 A: 43.25 B: 12.55 C: 81.20 mm

**111372** Alternator 14 V, 65 Amp.

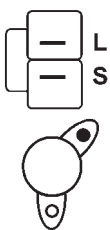
Replacing: MD112208, MD11232, MD108872, MD106712, A2T03177, A2T03171, A2T02577, A2T02572

Servicing: Mitsubishi

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 41.80 B: 12.90 C: 54.50 mm

**111375** Alternator 14 V, 75 Amp.

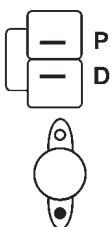
Replacing: MD361621, MD354797, MD317401, MD309845, MD193323, MD191402, MD189659, MD189658, A2TA3491, A2TA0091

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Proton

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 36.85 B: 13.00 C: 55.30 mm

**111376** Alternator 14 V, 75 Amp.

Replacing: MD361624, MD198164, MD190819, A2T81791A, A2T81791, A2T38391ZC, A2T38391

Servicing: Dodge, Eagle, Mitsubishi, Plymouth

 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 34.90 B: 13.25 C: 77.50 mm

**111384** Alternator 14 V, 70 Amp.

Replacing: A2TB6192, A2TB6191, A2TB2391, A2TB0091B, A2TB0091A, A2TB0091

Servicing: Kia, Mazda

 B+ M8, Grooves 4, Pulley SP, Fan IF  
*ECU controlled.*

A: 37.65 B: 13.15 C: 67.35 mm


**111395<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: A3T01598, A3T01596

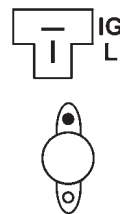
Servicing: Ford, Mercury

 B+ Plug, Grooves 1, Pulley P, Fan IF  
 A: 112.90 B: 76.50 mm

**111406** Alternator 14 V, 110 Amp.

Replacing: MD324755, MD324754, MD197470, MD150657, A4T03191, A4T01493, A3T12491, A3T12291A, A3T12291, A2T01493

Servicing: Dodge, Hyundai, Mitsubishi

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 23.50 B: 17.25 C: 55.40 mm

**111408<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: A2T47974, A2T47474, A2T07474, A2T06274, A2T04474

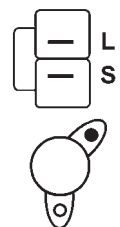
Servicing: Mazda

 B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF  
 A: 42.85 B: 13.00 C: 66.00 mm

**111427** Alternator 14 V, 90 Amp.

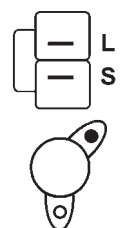
Replacing: A4T01591

Servicing: Ford

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 34.50 B: 13.50 C: 81.00 mm

**111433<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: A2T47794B, A2T47794, A2T45494, A2T02394B, A2T02394

Servicing: Nissan

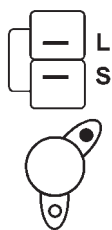
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.25 B: 13.40 C: 81.30 mm

**111434<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: A2T14694

Servicing: Nissan

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.50 B: 25.00 C: 81.00 mm



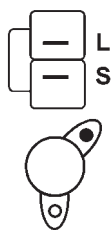

**111469#** Alternator 14 V, 45 Amp.

Replacing: MD166174, MD111231, MD108230, A2T04277, A2T04271, A2T02271

Servicing: Dodge, Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.30 B: 13.00 C: 54.80 mm


**111491** Alternator 14 V, 75 Amp.

Replacing: MD141119, MD111932, A3T05499, A3T00599

Servicing: Mitsubishi

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 42.50 B: 13.00 C: 55.00 mm

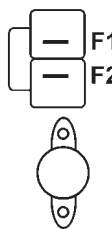

**111495** Alternator 14 V, 40 Amp.

Replacing: A7T03277A, A7T03277

Servicing: Hyster, Mitsubishi, Sumitomo, Yale

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.50 mm

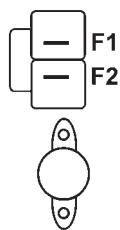

**111529** Alternator 14 V, 90 Amp.

Replacing: A2TA7491ZC, A2TA7491, A2TA3791

Servicing: Chrysler, Dodge

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 12.00 C: 53.50 mm

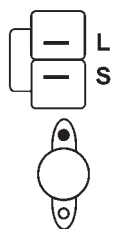

**111530** Alternator 14 V, 90 Amp.

Replacing: A2T81391, A2T81292ZC, A2T81292, A2T81291, A2T81192ZC, A2T81192

Servicing: Chrysler, Dodge, Eagle, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 33.00 B: 12.30 C: 54.10 mm

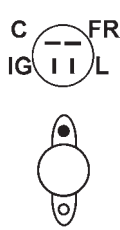

**111535** Alternator 14 V, 55 Amp.

Replacing: A1T05792, A1T03792, A1T03791, A1T03392, A1T03391, A1T03292

Servicing: Subaru

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 36.00 B: 13.00 C: 67.40 mm

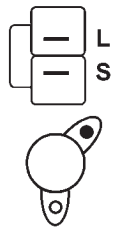

**111578** Alternator 14 V, 60 Amp.

Replacing: A1T04991, A1T04892ZC, A1T04892, A1T02292ZC, A1T02292, A1T02291

Servicing: Honda, Rover

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 89.50 B: 58.25 mm

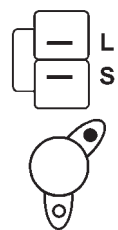

**111587** Alternator 14 V, 75 Amp.

Replacing: MD344963, MD309844, MD309843, MD192136, MD192134, A3T11278A, A3T11278, A2TN2476A, A2TN2476

Servicing: Mitsubishi

B+ M8, Grooves 1, Pulley P, Fan IF

A: 51.00 B: 13.00 C: 55.00 mm

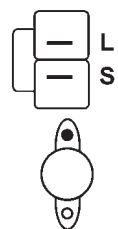

**111594** Alternator 14 V, 75 Amp.

Replacing: MN137867, MD366050, MD306649, A2TN0499AT, A2T82899ZT, A2T82899AT, A2T82899A, A2T82899

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.50 B: 13.00 C: 55.00 mm

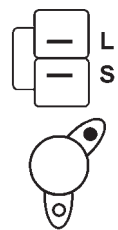

**111602#** Alternator 14 V, 50 Amp.

Replacing: A5T02577X, A5T02577, A5T02477X, A5T02477

Servicing: Mazda

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 43.50 B: 13.00 C: 65.50 mm

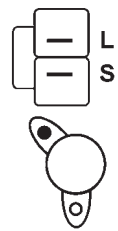

**111626** Alternator 14 V, 90 Amp.

Replacing: ME202755, ME201837, ME201745, ME200695, MD200695, A3TA3098A, A3TA3098, A3T09198

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.20 C: 54.60 mm

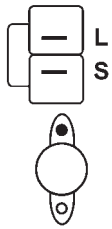

**111627** Alternator 14 V, 90 Amp.

Replacing: MD194470, MD188242, A3T11991, A3T1191

Servicing: Mitsubishi

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 32.00 B: 13.00 C: 49.60 mm

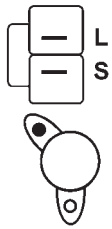

**111704** Alternator 14 V, 70 Amp.

 Replacing: A5T06891D, A5T06891C,  
A5T06891B, A5T06891A, A5T06891

Servicing: Nissan

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 37.45 B: 13.00 C: 81.00 mm

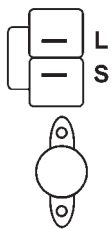

**111726** Alternator 14 V, 80 Amp.

 Replacing: A2TB3691KD, A2TB3691,  
A2TB2491A, A2TA4092B, A2TA4092A,  
A2TA4091A, A2TA4091, A2TA0491, A2T82491B

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 37.50 B: 25.00 C: 81.00 mm

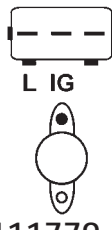

**111747** Alternator 14 V, 70 Amp.

Replacing: A3T03099

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 41.50 B: 13.00 C: 80.00 mm

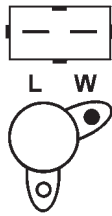

**111779** Alternator 14 V, 70 Amp.

 Replacing: A5TA6891A, A5TA6891,  
A5TA6191ZE, A5TA6191ZC, A5TA6191

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.70 B: 58.00 mm

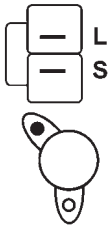

**111797** Alternator 14 V, 95 Amp.

Replacing: A3TN1791

Servicing: Ford

 B+ M8, Terminal W, Grooves 4,  
Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 82.90 mm

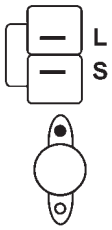

**111806** Alternator 14 V, 90 Amp.

 Replacing: MD350608, MD313395,  
A3TA0791A, A3TA0791

Servicing: Mitsubishi

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 25.00 B: 13.00 C: 54.80 mm

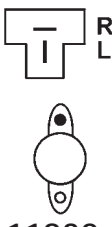

**111807** Alternator 14 V, 70 Amp.

 Replacing: A2TA5891, A2TA3991, A2TA1191,  
A2T83491A, A2T83491, A2T80391,  
A2T39391A, A2T39391

Servicing: Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.50 C: 66.50 mm


**111832** Alternator 14 V, 40 Amp.

 Replacing: MM438844, MM435752,  
MM435081, MM432804, A0T25373, A0T25371,  
A0T25271, A0T25171

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 16.75 C: 41.00 mm

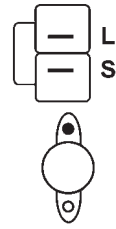

**111841** Alternator 14 V, 50 Amp.

Replacing: A1T02674D, A1T02674

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.50 B: 56.00 mm

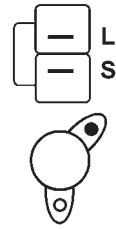

**111871#** Alternator 14 V, 80 Amp.

Replacing: A3TA2799A, A3TA2799, A3TA2699

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 57.75 B: 13.10 C: 80.25 mm

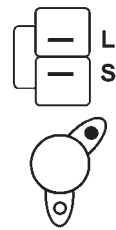

**111872** Alternator 14 V, 65 Amp.

 Replacing: MD313939, MD306648, MD304129,  
A2TN0499ZT, A2TN0499, A2TN0399, A2T81499

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.90 B: 13.00 C: 55.00 mm

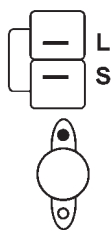

**111952#** Alternator 14 V, 90 Amp.

 Replacing: MD344964, MD192135,  
A3TN1578A, A3TN1578, A3T11678A,  
A3T11678

Servicing: Mitsubishi

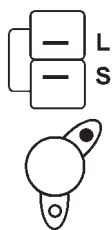
B+ M8, Grooves 1, Pulley P, Fan IF

A: 50.50 B: 13.00 C: 54.50 mm


**111953** Alternator 14 V, 70 Amp.

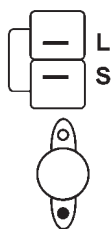
Replacing: A5T05473B, A5T05473A, A5T05473

Servicing: Nissan

 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 42.35 B: 13.00 C: 81.75 mm

**111956** Alternator 14 V, 75 Amp.

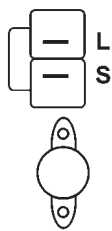
Replacing: ME202971, ME201838, ME200698, ME200696, A3TB1299, A3T09699, A3T09698, A3T09199, A3T08699

Servicing: Mitsubishi

 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 41.00 B: 13.00 C: 55.00 mm

**111959**<sup>#</sup> Alternator 14 V, 80 Amp.

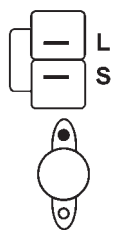
Replacing: A2TB5891ZC, A2TB5891AC, A2TB5891, A2T39291, A2T33892, A2T33891ZC, A2T33891

Servicing: Ford, Mazda

 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 67.00 mm

**111966**<sup>#</sup> Alternator 14 V, 90 Amp.

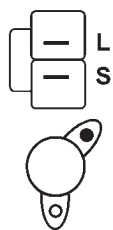
Replacing: A3T05192

Servicing: Nissan

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.50 B: 13.00 C: 81.25 mm

**112031**<sup>#</sup> Alternator 14 V, 75 Amp.

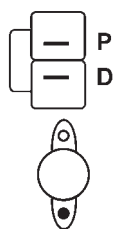
Replacing: A2TA7691, A2TA7591, A2T39091, A2T37291

Servicing: Subaru

 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 46.50 B: 13.00 C: 80.00 mm

**112065** Alternator 14 V, 65 Amp.

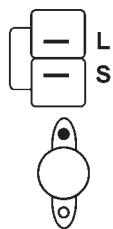
Replacing: MD334546, MD332546, MD314235, A2TN1299ZT, A2TN1299, A2TN0299

Servicing: Mitsubishi

 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 56.00 B: 13.00 C: 54.50 mm

**112067** Alternator 14 V, 80 Amp.

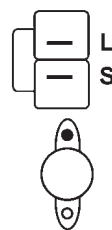
Replacing: A2TB7791, A2TB0191B, A2TB0191A, A2TB0191

Servicing: Mazda

 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 39.00 B: 12.50 C: 69.00 mm

**112068** Alternator 14 V, 35 Amp.

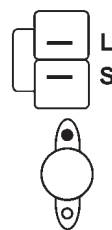
Replacing: A7T03371A, A7T03371

Servicing: Nissan, TCM

 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 81.25 mm

**112069** Alternator 14 V, 50 Amp.

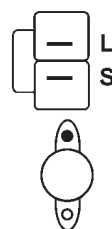
Replacing: A7TA3377, A7TA3371, A7T03771A, A7T03771

Servicing: Nissan

 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 13.10 C: 81.60 mm

**112081**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: MD192133, A2T37976

Servicing: Mitsubishi, Proton

 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 50.50 B: 13.00 C: 55.50 mm

**112100** Alternator 14 V, 70 Amp.

Replacing: A2T32899, A2T19877ZC, A2T19877, A2T19777, A2T19677, A2T13977X, A2T13977

Servicing: Mazda, Mercury

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 41.50 B: 13.30 C: 66.65 mm

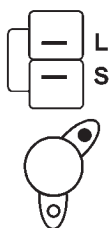
**112127**<sup>#</sup> Alternator 14 V, 50 Amp.

Replacing: A2T32077, A2T27477A, A2T27477

Servicing: Mazda

 B+ M5, Grooves 1, Pulley P, Fan EF  
 A: 50.70 B: 13.00 C: 80.00 mm



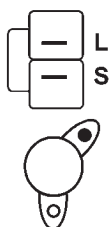

**112128** Alternator 14 V, 75 Amp.

Replacing: MD366051, MD327514, MD313942, MD313940, MD306834, A3TN0499, A3TN0399, A3T15099, A2TN1199ZT

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 55.10 mm

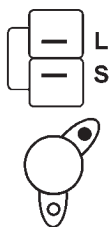

**112129** Alternator 14 V, 90 Amp.

Replacing: MD339609, MD162964, A3T07483

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF

A: 45.65 B: 13.00 C: 55.00 mm

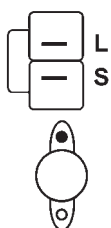

**112205** Alternator 14 V, 90 Amp.

Replacing: MN137866, MD335227, MD334176, MD320354, A3TN1199, A3TN0899, A3TN0699A, A3TN0699

Servicing: Hyundai, Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 54.90 mm

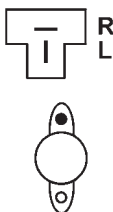

**112208**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: A2T48195B, A2T48195A, A2T48195

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 81.20 mm


**112210** Alternator 28 V, 30 Amp.

Replacing: ME017562, A2T72383

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF

A: 44.00 B: 13.30 C: 80.90 mm

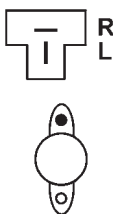

**112231**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: A4T03292B, A4T03292A, A4T03292, A4T02892A, A4T02892, A4T00891E, A4T00891D, A4T00891C, A4T00891

Servicing: Citroen, Jeep, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 41.00 B: 27.50 C: 69.65 mm

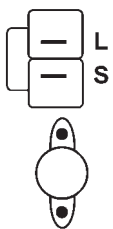

**112270** Alternator 14 V, 35 Amp.

Replacing: A1T33277, A1T31699, A1T31685, A1T31377, A1T31374, A1T25097, A1T25087, A1T25083, A1T25077, A1T23377

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.85 B: 13.50 C: 81.65 mm


**112297** Alternator 14 V, 60 Amp.

Replacing: A2T05772X, A2T05772

Servicing: Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.10 C: 67.00 mm


**112298** Alternator 14 V, 80 Amp.

Replacing: A2TA0291F, A2TA0291D, A2TA0291C, A2TA0291B, A2TA0291, A2T37691A, A2T37691

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 26.10 C: 66.70 mm


**112299** Alternator 14 V, 95 Amp.

Replacing: A4T02891B, A4T02891A, A4T02891, A3TA0591F, A3TA0591E, A3TA0591D, A3TA0591C, A3TA0591, A3TA0291A

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 27.30 C: 67.70 mm


**B+ D+ W**

**112325** Alternator 14 V, 70 Amp.

Replacing: A2TA2292, A2T14592

Servicing: Ford

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 33.00 B: 14.20 C: 82.30 mm


**G S L F**

**112327** Alternator 14 V, 100 Amp.

Replacing: MD374904, MD360635, MD358607, MD358421, MD343416, A3TB4191, A3TB0291, A3TA7791, A3TA5492, A3TA5491

Servicing: Hyundai, Kia, Mitsubishi

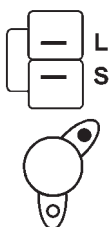
B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.45 B: 13.00 C: 66.50 mm


**112328** Alternator 14 V, 85 Amp.

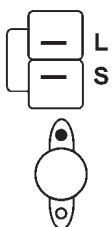
Replacing: MD368519, MD343562, MD317862, MD317860, A2TB5791ZC, A2TB0892, A2TA5391ZT, A2TA5391, A2TA4991

Servicing: Mitsubishi

 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 38.00 B: 13.10 C: 66.50 mm

**112331**<sup>#</sup> Alternator 14 V, 75 Amp.

Replacing: MD332547, MD147246, MD135825, A3TN0999, A3T06099, A3T04999

Servicing: Mitsubishi

 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 55.00 mm

**112332** Alternator 14 V, 70 Amp.

Replacing: A2T82378

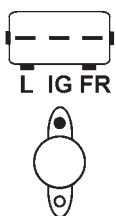
Servicing: Suzuki

 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 50.00 B: 13.00 C: 80.70 mm

**112348** Alternator 14 V, 100 Amp.

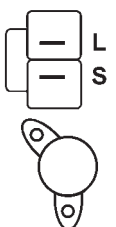
Replacing: MD336781, A3TA4791

Servicing: Mitsubishi

 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 55.00 mm

**112349** Alternator 14 V, 70 Amp.

Replacing: A5TA5591, A5TA4791, A5TA1091ZC, A5TA1091

Servicing: Honda

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm

**112352** Alternator 14 V, 70 Amp.

Replacing: A2TC1479ZT, A2TA6099AT, A2TA6099A, A2TA6099

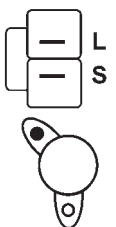
Servicing: Ford, Mazda

 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 42.00 B: 13.10 C: 76.90 mm

**112353**<sup>#</sup> Alternator 14 V, 80 Amp.

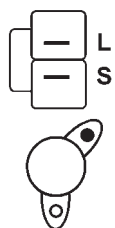
Replacing: MD325696, A2TA5191

Servicing: Mitsubishi

 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 38.50 B: 13.10 C: 66.60 mm

**112354**<sup>#</sup> Alternator 14 V, 75 Amp.

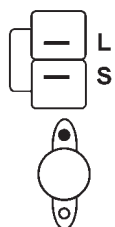
Replacing: MD197468, A4T02991

Servicing: Mitsubishi

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 24.00 B: 17.00 C: 55.00 mm

**112355** Alternator 14 V, 80 Amp.

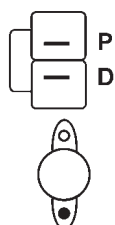
Replacing: MD366052, MD340419, A2TN1798ZT, A2TN1798AT, A2TN1798A, A2TN1798

Servicing: Mitsubishi

 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 42.00 B: 13.10 C: 55.00 mm

**112359** Alternator 14 V, 100 Amp.

Replacing: A3TA4399

Servicing: Nissan

 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 41.50 B: 12.90 C: 80.30 mm

**112361** Alternator 14 V, 100 Amp.

Replacing: A3TB0991

Servicing: Mazda

 B+ M8, Grooves 4, Pulley SP, Fan IF  
*ECU controlled.*  
 A: 41.00 B: 13.00 C: 66.50 mm

**112362** Alternator 14 V, 100 Amp.

Replacing: MD350609, MD317119, MD303481, A3TA1191A, A3TA1191, A3T14491

Servicing: Mitsubishi

 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 24.00 B: 17.30 C: 55.40 mm

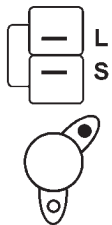

**112377** Alternator 14 V, 215 Amp.

Replacing: A8TU0091

Servicing: Ford

B+ M10, Grooves 8, Pulley SP, Fan EF

A: 39.50 B: 92.40 C: 74.00 mm

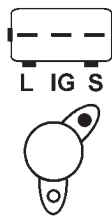

**112418** Alternator 14 V, 90 Amp.

Replacing: MD357744, MD257744

Servicing: Mitsubishi

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 38.00 B: 12.90 C: 66.40 mm

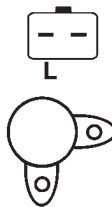

**112427** Alternator 28 V, 90 Amp.

Replacing: A4TA8492, A4TA8292, A4TA8291, A4TA0592

Servicing: Iveco

B+ M8, Grooves 12, Pulley SP, Fan IF

A: 90.00 B: 57.60 mm


**112457** Alternator 14 V, 110 Amp.

Replacing: A2TV0981, A2TC0981, A2TB6481

Servicing: Nissan, Renault

B+ M8, Pulley w/o, Fan IF

B: 15.75 C: 61.00 mm

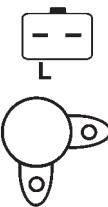

**112460** Alternator 14 V, 150 Amp.

Replacing: A4TF0091B, A4TF0091A

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm


**112471** Alternator 14 V, 125 Amp.

Replacing: MW30638577

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 32.50 B: 13.50 C: 60.90 mm

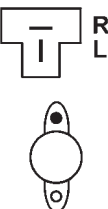

**112480** Alternator 14 V, 90 Amp.

Replacing: A2TB4891D, A2TB4891C, A2TB4891B, A2TB4891A, A2TB2291A

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.00 B: 22.00 C: 46.00 mm

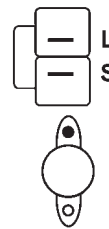

**112492** Alternator 14 V, 50 Amp.

Replacing: A7T02077C, A7T02077A, A7T02077, A7T02071C, A7T02071A, A7T02071

Servicing: Cub Cadet, Sole Diesel, Vetus

B+ M5, Grooves 1, Pulley P, Fan IF

A: 43.50 B: 21.10 mm

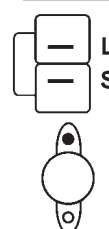

**112528** Alternator 14 V, 75 Amp.

Replacing: MD354806, MD309335, MD309334, A5T07592A, A5T07592, A5T07591

Servicing: Mercedes-Benz, Mitsubishi

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 12.90 C: 54.80 mm

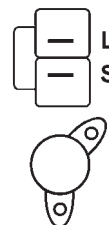

**112531** Alternator 14 V, 60 Amp.

Replacing: MD111149, MD111148, MD102085, A2T48691, A2T43691, A2T09392, A2T09291

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 37.45 B: 13.00 C: 55.00 mm


**112549<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: MD317514, A3TA1591

Servicing: Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 33.50 B: 13.00 C: 55.00 mm


**112688** Alternator 14 V, 95 Amp.

Replacing: A2TA2094D, A2TA2094C, A2TA2094B, A2TA2094

Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.50 B: 55.80 mm




**112703** Alternator 14 V, 120 Amp.

Replacing: A3TA5591A, A3TA5591

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm


**112762<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: A2T17491

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 41.50 B: 27.00 C: 66.50 mm


**112771** Alternator 14 V, 90 Amp.

Replacing: MD011500

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 39.50 B: 14.30 C: 82.00 mm


**112772** Alternator 14 V, 120 Amp.

Replacing: A4TA0091B, A4T03491A, A4T03491

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.70 B: 26.70 C: 66.80 mm


**112970** Alternator 14 V, 70 Amp.

Replacing: A2T48176B, A2T48176A, A2T48176

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.50 mm


**113027** Alternator 14 V, 130 Amp.

Replacing: A3TA4191ZC, A3TA4191, A3T14292

Servicing: Chrysler, Dodge, Plymouth

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 35.00 B: 13.00 C: 61.00 mm


**113028<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: MD025215, MD022515, A4T25199, A4T25191, A4T25172

Servicing: Chrysler, Dodge, Plymouth

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 41.25 B: 13.00 C: 53.66 mm


**113030<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: A5T00777ZC, A5T00777

Servicing: Mazda

B+ M6, Grooves 1, Pulley P, Fan IF

A: 44.90 B: 13.00 C: 66.15 mm


**113032<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: MD110318, MD108809, MD108509, A2T03477, A2T02471

Servicing: Dodge, Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.75 B: 13.10 C: 55.20 mm


**113033<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: A3T07592

Servicing: Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 40.50 B: 13.35 C: 67.00 mm


**113034<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: MD354786, MD194482, A2T80591ZC, A2T80591A, A2T80591

Servicing: Goldoni, Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 35.00 B: 13.00 C: 79.00 mm


**113035** Alternator 14 V, 75 Amp.

Replacing: A5TA5491, A5TA4591ZC, A5TA4591, A5TA0991ZC, A5TA0991, A5TA0091

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.25 B: 57.80 mm


**113196** Alternator 28 V, 30 Amp.

Replacing: ME070120, A2T74385, A2T74336, A2T73387, A2T72999, A2T72987, A2T72986, A2T72985, A2T72883, A2T72189

Servicing: Mitsubishi

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 42.65 B: 13.20 C: 80.35 mm

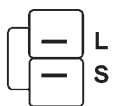

**113250** Alternator 14 V, 70 Amp.

Replacing: A5TA6292ZEB, A5TA6292G, A5TA6292F, A5TA6292C

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.50 mm

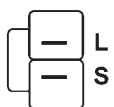

**113310** Alternator 14 V, 50 Amp.

Replacing: MD354809, MD316418, A2TA2871A, A2TA2871

Servicing: Caterpillar, Clark

B+ M8, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 13.00 C: 79.40 mm

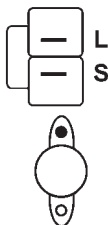

**113315** Alternator 14 V, 85 Amp.

Replacing: A2T37391ZC, A2T37391AC, A2T37391A, A2T37391

Servicing: Subaru

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 80.00 mm


**113317** Alternator 14 V, 80 Amp.

Replacing: A2TB3191A, A2TB3191

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.20 B: 13.00 C: 80.90 mm

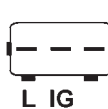

**113321** Alternator 14 V, 125 Amp.

Replacing: ME203546, A3TB1999KD, A3TB1999, A3TA4298A, A3TA4298

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 60.50 mm


**113322** Alternator 14 V, 60 Amp.

Replacing: A5TA3891ZC, A5TA3891C, A5TA3891AC, A5TA3891A, A5TA3891

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.85 B: 58.00 mm


**113324** Alternator 14 V, 90 Amp.

Replacing: A3TB0771

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 43.20 B: 13.00 C: 80.80 mm

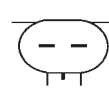

**113348** Alternator 14 V, 90 Amp.

Replacing: A3TG0091, A3TG0081A, A3TG0081

Servicing: Mazda

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 60.00 C: 75.00 mm

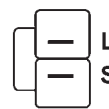

**113360** Alternator 14 V, 85 Amp.

Replacing: A2TB1491ZC, A2TB1491

Servicing: Chrysler, Dodge

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 12.40 C: 54.00 mm

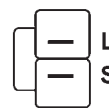

**113368**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: A4T02591, A4T01192ZC, A4T01192

Servicing: Mercury, Nissan

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 41.00 B: 25.30 C: 80.90 mm

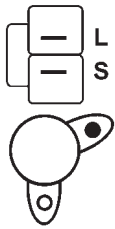

**113369**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: A3TA1091ZC, A3TA1091

Servicing: Mercury, Nissan

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 41.00 B: 25.45 C: 80.75 mm

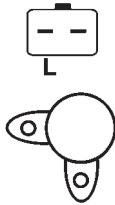

**113370#** Alternator 14 V, 125 Amp.

Replacing: A3TA5691

Servicing: Mercury, Nissan

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 40.85 B: 25.50 C: 80.65 mm


**113403** Alternator 14 V, 75 Amp.

Replacing: A1TA2293, A1TA2291

Servicing: Nissan, Renault

B+ M8, Grooves 3, Pulley SP, Fan IF

A: 53.50 B: 27.00 C: 66.60 mm

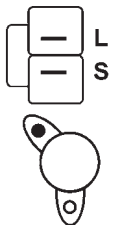

**113405** Alternator 14 V, 70 Amp.

 Replacing: A5TA6291ZEC, A5TA6291ZEB,  
A5TA6291H, A5TA6291G, A5TA6291F,  
A5TA6291E, A5TA6291D, A5TA6291C

Servicing: Citroen, Peugeot

 B+ M8, Terminal DF, Grooves 6,  
Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm

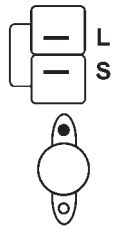

**113439** Alternator 14 V, 90 Amp.

 Replacing: A2TB4691, A2TB3891KD,  
A2TB3891, A2TB0491A, A2TB0491

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.30 B: 25.00 C: 81.00 mm

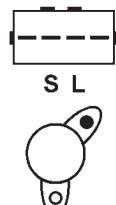

**113441#** Alternator 14 V, 60 Amp.

 Replacing: A5T03479, A5T03477Y,  
A5T03477X, A5T03477, A5T02677,  
A5T02377ZC, A5T02377

Servicing: Mazda

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.20 C: 66.60 mm

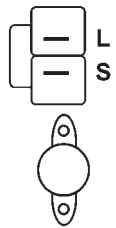

**113462#** Alternator 14 V, 90 Amp.

 Replacing: MD327535, MD310997,  
A2T82792ZC, A2T82792, A2T82791ZC,  
A2T82791

Servicing: Eagle, Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 34.50 B: 13.00 C: 79.80 mm


**113463#** Alternator 14 V, 100 Amp.

Replacing: A3T08591

Servicing: Mazda

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 36.00 B: 13.00 C: 67.00 mm

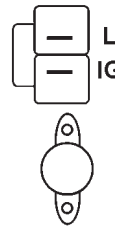

**113485** Alternator 14 V, 80 Amp.

 Replacing: A2TB4391, A2TA1994D,  
A2TA1994C, A2TA1994B, A2TA1994

 Servicing: Citroen, Fiat, Lancia, Peugeot,  
Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm


**113497** Alternator 28 V, 35 Amp.

Replacing: ME017614, A3TN5188

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.50 B: 13.30 C: 81.80 mm

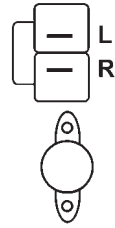

**113503** Alternator 14 V, 120 Amp.

 Replacing: A3TB0891C, A3TB0891B,  
A3TB0891A, A3TB0891, A3TA6491A, A3TA6491

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 22.20 C: 45.00 mm


**113506** Alternator 28 V, 40 Amp.

Replacing: ME017615, A3TN5288

Servicing: Mitsubishi

 B+ M8, Terminal W, Grooves 2,  
Pulley DP, Fan EF

A: 43.00 B: 13.10 C: 81.60 mm


**113507#** Alternator 14 V, 75 Amp.

 Replacing: MD327513, MD313392,  
A2TA0892ZC, A2TA0892, A2TA0891ZC,  
A2TA0891

Servicing: Eagle, Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 34.55 B: 13.90 C: 80.60 mm




**113553#** Alternator 14 V, 120 Amp.

Replacing: A6T41491

Servicing: Lincoln

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 49.50 B: 31.70 mm


**113554#** Alternator 14 V, 120 Amp.

Replacing: A6T41591

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 49.00 B: 31.60 mm

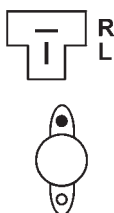

**113558#** Alternator 14 V, 90 Amp.

Replacing: A2TA2191

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 96.00 B: 72.70 mm


**113562** Alternator 14 V, 40 Amp.

Replacing: A7TA1777, A7T03877

Servicing: Ford, New Holland

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 12.90 C: 81.50 mm


**113566#** Alternator 14 V, 90 Amp.

Replacing: MD354816, MD324756, A3T12391

Servicing: Dodge, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 24.00 B: 16.50 C: 55.00 mm


**113575** Alternator 14 V, 80 Amp.

Replacing: A5TA6391C, A5TA6391B,

A5TA6391A, A5TA6391

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm


**113603** Alternator 14 V, 80 Amp.

Replacing: A2TB4791B, A2TB4791A,

A2TB4791, A2TB2191A

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 46.00 mm


**113604** Alternator 14 V, 95 Amp.

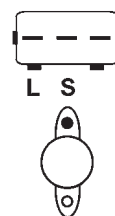
Replacing: A2TA2091F, A2TA2091E,

A2TA2091D, A2TA2091A, A2TA2091

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.70 B: 56.00 mm


**113634** Alternator 14 V, 90 Amp.

Replacing: A2TB6291, A2TB2991,

A2TB2891ZC, A2TB2891

Servicing: Saab, Subaru

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.45 B: 13.15 C: 79.70 mm

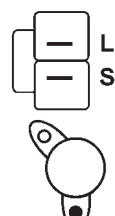

**113712** Alternator 14 V, 90 Amp.

Replacing: A2TB7591

Servicing: Honda

B+ M6, Grooves 7, Pulley SP, Fan IF

A: 39.20 B: 31.15 C: 46.00 mm


**113785** Alternator 14 V, 80 Amp.

Replacing: A2TB1299, A2TB1298, A2TA1099A,

A2TA1099

Servicing: Mazda

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.50 B: 12.80 C: 64.00 mm


**113832** Alternator 14 V, 90 Amp.

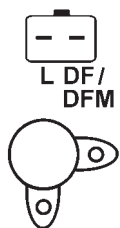
Replacing: MD353869, MD330800, MD327551,

MD327550, MD325700, MD318458, MD313076

Servicing: Mitsubishi

B+ M8, Grooves 4, Pulley SP

A: 46.00 C: 65.00 mm

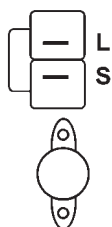


**113872#** Alternator 14 V, 80 Amp.

Replacing: A5TG0192B, A5TG0192A, A5TG0192, A5TA6392C, A5TA6392

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 42.50 B: 22.00 C: 45.50 mm

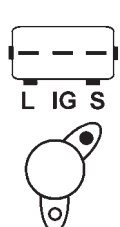


**113886** Alternator 28 V, 50 Amp.

Replacing: A4TU5486, A4TU5485

Servicing: Hitachi

B+ M6, Grooves 3, Pulley SP, Fan EF  
A: 60.00 B: 13.00 C: 70.00 mm

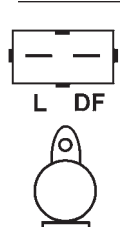


**113923** Alternator 28 V, 90 Amp.

Replacing: A4TA0591

Servicing: Iveco

B+ M8, Grooves 10, Pulley SP, Fan SF  
A: 90.00 B: 58.10 mm



**113952** Alternator 14 V, 70 Amp.

Replacing: A5TA6591, A5TA4391

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF  
A: 11.00 B: 72.00 C: 52.00 mm



**113954** Alternator 14 V, 70 Amp.

Replacing: A5TA7191ZC, A5TA7091ZE, A5TA7091ZC, A5TA7091

Servicing: Honda

B+ M6, Grooves 6, Pulley SP, Fan IF  
A: 94.50 B: 58.00 mm



**113971** Alternator 14 V, 115 Amp.

Replacing: A3TR0091ZT, A3TR0091

Servicing: Volvo Penta

B+ M8, Terminal W, Grooves 5, Pulley SP

A: 76.00 B: 56.20 mm



**114018** Alternator 14 V, 65 Amp.

Replacing: MD339606, A2TN1583

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P, Fan IF  
A: 46.00 B: 13.00 C: 54.50 mm

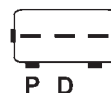
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114079\*** Alternator 14 V, 40 Amp.

Replacing: A7TA0171B, A7TA0171, 30A68-00801, 30A68-00800

Servicing: Case, Cub Cadet, Mitsubishi, Vetus, Volvo

B+ M5, Grooves 1, Pulley P  
A: 43.00 B: 16.00 C: 41.60 mm



**114111** Alternator 14 V, 90 Amp.

Replacing: A3TB6581

Servicing: Mazda

B+ M8, Grooves 8, Pulley SP/FW, Fan IF  
A: 39.00 B: 13.00 C: 66.50 mm



**114116** Alternator 14 V, 75 Amp.

Replacing: A5TA7599ZC, A5TA7599

Servicing: Honda

B+ M6, Pulley w/o, Fan IF  
B: 22.00 mm

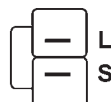


**114129** Alternator 14 V, 90 Amp.

Replacing: A5TA7792

Servicing: Ford, Mazda

B+ M6, Grooves 6, Pulley SP, Fan IF  
A: 11.00 B: 72.00 C: 52.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

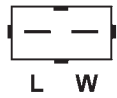
**114187** Alternator 14 V, 105 Amp.

Replacing: MD371144, A3TN2481

Servicing: Mitsubishi

B+ M8x1.25, Grooves 6, Pulley SP/FW, Fan IF

A: 42.00 B: 13.00 C: 54.50 mm



**114207** Alternator 14 V, 100 Amp.

Replacing: A3TN2581

Servicing: Suzuki

B+ M8, Pulley w/o, Fan IF

B: 13.00 C: 82.00 mm



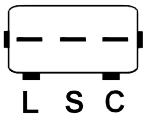
**114212** Alternator 28 V, 110 Amp.

Replacing: A4TR5592ZT, A4TR5592

Servicing: Renault V.I., Volvo

B+ M8, Pulley w/o, Fan IF

B: 17.50 C: 54.20 mm



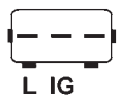
**114244** Alternator 14 V, 130 Amp.

Replacing: A3TG2681ZE, A3TG2681AE, A3TG2681

Servicing: Nissan, Renault V.I.

B+ M8, Pulley w/o, Fan IF

B: 13.00 C: 81.00 mm



**114245** Alternator 14 V, 75 Amp.

Replacing: A5TB1291ZE, A5TB0891ZE

Servicing: Suzuki

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



**114357** Alternator 14 V, 90 Amp.

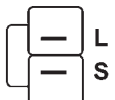
Replacing: MD375853, MD322925, A2TB7391, A2TA5392

Servicing: Mitsubishi

B+ M8x1.25, Grooves 4, Pulley SP

A: 37.50 B: 13.00 C: 66.40 mm

**NEW PRODUCT**  
www.hc-cargo.com



**114367** Alternator 14 V, 65 Amp.

Replacing: MD339608, A2TN1683

Servicing: Mitsubishi

B+ M6, Grooves 1, Pulley P

A: 46.00 B: 13.00 C: 54.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114406\*** Alternator 14 V, 115 Amp.

Replacing: 1800A029

Servicing: Smart (MCC)

Grooves 5, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**114407\*** Alternator 28 V, 90 Amp.

Replacing: A4TR5391ZT, A4TR5391

Servicing: Renault V.I.

Grooves 6, Pulley SP, Fan IF



**114415** Alternator 14 V, 50 Amp.

Replacing: A2T36776

Servicing: Mazda

B+ M8, Grooves 1, Pulley P, Fan IF

A: 43.00 B: 12.80 C: 81.90 mm



**114424** Alternator 14 V, 80 Amp.

Replacing: ME015237, A4TU0088

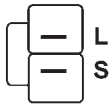
Servicing: Mitsubishi Fuso

B+ M8x1.25, Grooves 2, Pulley DP, Fan EF





**114425** Alternator 28 V, 50 Amp.  
 Replacing: ME077790, A4T40386  
 Servicing: Mitsubishi Fuso  
 B+ M8, Terminal W, Grooves 2,  
 Pulley DP, Fan EF  
 A: 42.00 B: 14.00 C: 81.00 mm

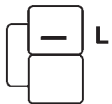


**114432** Alternator 14 V, 100 Amp.  
 Replacing: MD318460, A3TA2391, A3TA0491  
 Servicing: Mitsubishi  
 B+ M8 x 1.25/14.00, Grooves 4,  
 Pulley SP, Fan IF  
 A: 23,20 B: 13,15 C: 79,60 mm



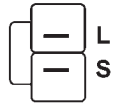
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114456\*** Alternator 28 V, 30 Amp.  
 Replacing: A2TA8383  
 Servicing: Kobelco  
 Grooves 1, Pulley P, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114461\*** Alternator 14 V, 90 Amp.  
 Replacing: MD354802, A3TA0991A  
 Servicing: Mitsubishi  
 Grooves 4, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114489\*** Alternator 14 V, 110 Amp.  
 Replacing: A3TA6581KD, A3TA6581AKD,  
 A3TA6581A  
 Servicing: Nissan  
 Grooves 1, Pulley P/FW, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114508\*** Alternator 28 V, 90 Amp.  
 Replacing: A4TR5091ZT  
 Fan IF


**110043** Alternator 28 V, 45 Amp.

Replacing: 9AR3868G, 9AL3776, 510-289  
 Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110048** Alternator 14 V, 35 Amp.

Replacing: 510-834

Servicing: Farymann, Renault, Volvo Penta

B+ M6, Insulated return, Pulley w/o, Fan EF

B: 51.00 mm


**110052** Alternator 28 V, 40 Amp.

Replacing: 9AR3739G, 9AR3739, 9AR3713G, 9AR3713, 9AR2713, 510-817, 510-804

Servicing: Baudouin, DAF, Volvo Penta

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 50.75 mm


**110076** Alternator 28 V, 55 Amp.

Replacing: 9AR6025K, 510-445

Servicing: Pegaso, Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110077** Alternator 14 V, 50 Amp.

Replacing: 9AR2799G, 9AR2799, 510-249

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm

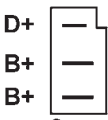

**110105** Alternator 14 V, 55 Amp.

Replacing: 9AR2968K, 9AR2968, 510-384

Servicing: John Deere

B+ M5, Grooves 1, Pulley P, Fan EF

A: 83.30 B: 56.00 mm


**110107** Alternator 14 V, 55 Amp.

Replacing: 9AR5083G, 9AR5010F, 9AR2888, 9AR2887, 9AR2725F, 510-501, 510-492, 510-456, 510-368, 510-320

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm


**110112** Alternator 28 V, 40 Amp.

Replacing: 9AR3921G, 510-348, 510-347

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm


**110113** Alternator 28 V, 27 Amp.

Replacing: 9AR3927G, 510-372

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm


**110116** Alternator 28 V, 35 Amp.

Replacing: 9AR3987G, 510-397

Servicing: DAF, Ford, MAN

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110117** Alternator 28 V, 40 Amp.

Replacing: 9AR6012G, 9AR6012, 510-427

Servicing: Iveco, Magirus-Deutz, Steyr

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm

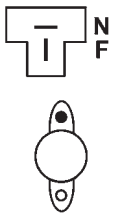

**110127** Alternator 14 V, 70 Amp.

Replacing: 9AR2775F, 9AR2775, 9AR2741P, 9AR2741F, 9AR2740P, 9AR2738P, 9AR2712P, 510-819, 510-818, 510-816

Servicing: Farymann, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 79.00 B: 51.00 mm



**110131** Alternator 14 V, 50 Amp.  
 Replacing: 8AL2063A  
 Servicing: Chevrolet, Isuzu, Nissan  
 B+ M5, Grooves 1, Pulley P, Fan EF  
 A: 40.75 B: 13.50 C: 80.80 mm



**110163** Alternator 28 V, 45 Amp.  
 Replacing: 9AR3961, 9AR3806G, 510-388  
 Servicing: Renault V.I.  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 48.75 B: 27.25 C: 67.50 mm



**110173** Alternator 28 V, 75 Amp.  
 Replacing: 8LHA3025PA, 8LHA2012NO  
 Servicing: Clark, DAF  
 B+ M8, Insulated return, Pulley w/o, Fan EF  
 B: 14.50 C: 101.50 mm



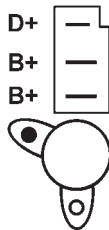
**110175** Alternator 28 V, 100 Amp.  
 Replacing: 8SC3002Y  
 Servicing: Volvo Penta  
 B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF  
 Fan: Cargo 134317. Pulley: Cargo 131176.  
 B: 14.75 C: 99.75 mm



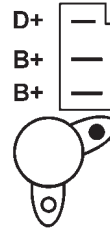
**110176** Alternator 28 V, 175 Amp.  
 Replacing: 8SC3005Y  
 Servicing: Volvo Penta  
 B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF  
 Pulley: Cargo 131176.  
 B: 14.75 C: 101.50 mm



**110177** Alternator 14 V, 51 Amp.  
 Replacing: 8HA2008  
 Servicing: Thermo King  
 B+ 1/4« UNC, Pulley w/o, Fan EF  
 Regulator: Cargo 130679.  
 B: 27.25 mm



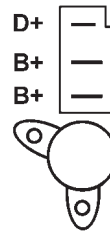
**110178** Alternator 14 V, 36 Amp.  
 Replacing: 9AR2916F, 9AR2916, 9AR2915F, 510-105, 510-104, 2541194  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot  
 B+ 9.40, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110179** Alternator 14 V, 36 Amp.  
 Replacing: 9AR5019, 9AR2877, 9AR2603G, 9AR2603F, 9AR2603  
 Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall  
 B+ Plug, Pulley w/o, Fan EF  
 For fan w/ 17 mm bore use bushing: Cargo 134894.  
 B: 9.75 C: 88.00 mm

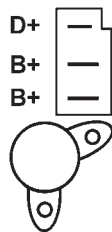


**110350** Alternator 14 V, 44 Amp.  
 Replacing: 9AR5049K  
 Servicing: Fiat, Lada  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm

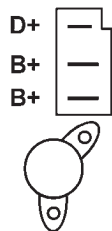


**110357** Alternator 14 V, 55 Amp.  
 Replacing: 9AR2903, 9AR2839, 9AR2838, 9AR2779, 9AR2622L, 9AR2622, 9AR2606K, 9AR2605L, 9AR2605, 9AR2524F  
 Servicing: Alfa Romeo, American Motors, Audi, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
 Fan: Cargo 133875.  
 B: 56.00 mm




**110358** Alternator 14 V, 55 Amp.

Replacing: 9AR5028K02, 9AR5028K, 9AR2846K, 9AR2846, 9AR2845, 9AR2785, 9AR2784K, 9AR2765, 9AR2759K01, 9AR2759K  
 Servicing: Mercedes-Benz, Seat  
 B+ 9.40, Grooves 1, Pulley P, Fan EF  
 A: 77.50 B: 56.00 mm


**110360** Alternator 14 V, 45 Amp.

Replacing: 9AR2896G, 9AR2883G, 9AR2883, 9AR2835G, 9AR2835, 9AR2756F, 9AR2528F  
 Servicing: Audi, Deutz-Fahr, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm


**110371** Alternator 14 V, 65 Amp.

Replacing: 8MR2013L, 8AR65N12  
 Servicing: Carrier Transicold, Kubota  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
*w/ mounting kit.*  
 B: 27.00 mm


**110408** Alternator 14 V, 35 Amp.

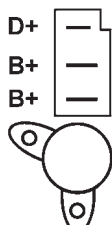
Replacing: 8RA2050F, 8EB2003F, 8EB2002F, 8EA2016F, 8EA2011N, 8EA2004F, 8EA2002F, 8EA2001F, 8AL2040FS  
 Servicing: American Motors, Jeep, Thermo King  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 mm


**110487** Alternator 14 V, 37 Amp.

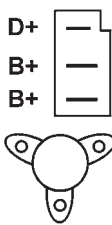
Replacing: 8EK2011FC, 8EK2011FB, 8EK2011FA, 8EK2008FC, 8EK2006FC, 8EK2004DE, 8EK2003FD, 8EK2003FC  
 Servicing: Thermo King  
 B+ 1/4« UNF, Pulley w/o, Fan EF  
 B: 27.00 mm


**110488** Alternator 14 V, 65 Amp.

Replacing: 8EK2012NB, 8EK2007NC, 8EK2005ND, 8EK2005NC  
 Servicing: Thermo King  
 B+ 1/4« UNF, Pulley w/o, Fan EF  
 B: 27.00 mm


**110726** Alternator 14 V, 35 Amp.

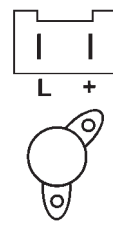
Replacing: 9AR2511F  
 Servicing: Audi, DAF, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm


**110735** Alternator 14 V, 55 Amp.

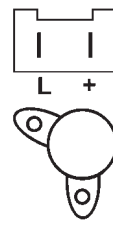
Replacing: 9AL2834  
 Servicing: Lamborghini, Mercedes-Benz  
 B+ 9.40, Grooves 2, Pulley DP, Fan EF  
*Regulator: Cargo 130675.*  
 A: 77.00 B: 56.00 mm


**110743** Alternator 14 V, 30 Amp.

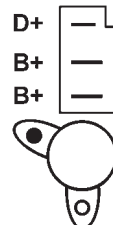
Replacing: 9AL2696G  
 Servicing: Citroen  
 B+ M6, Grooves 1, Pulley P, Fan EF  
*Regulator: Cargo 130679.*  
 A: 61.00 B: 40.00 mm


**110744** Alternator 14 V, 50 Amp.

Replacing: 9AR2945K, 9AR2778K, 9AR2752  
 Servicing: DAF, Renault, Volvo  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 48.25 B: 26.58 C: 65.75 mm


**110754** Alternator 14 V, 55 Amp.

Replacing: 9AR2936P, 9AR2659K  
 Servicing: Renault  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 98.90 B: 56.00 mm


**110759** Alternator 14 V, 35 Amp.

Replacing: 9AR2895F, 9AR2895, 9AR2703F, 9AR2698F, 9AR2627G, 9AR2627, 9AR2613F, 9AR2613, 9AR2612G, 9AR2612  
 Servicing: Austin, Ford, Mercury  
 B+ 9.40, Grooves 1, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm

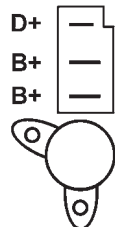


**110766** Alternator 28 V, 27 Amp.

Replacing: 9AR6015K

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

B+ M6, Terminal W, Pulley w/o, Fan EF  
B: 56.00 mm



**110767** Alternator 14 V, 45 Amp.

Replacing: 9AR5046G

Servicing: Audi, VW

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.00 B: 56.00 mm



**110769** Alternator 14 V, 70 Amp.

Replacing: 9AR2690P, 9AR2672P, 9AR2672, 9AR2663K, 9AR2663, 510-148

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 27.10 C: 66.00 mm



**110876**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 9AR5039L, 9AR5038L

Servicing: BMW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 75.85 B: 56.10 mm



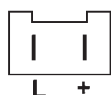
**110877** Alternator 14 V, 65 Amp.

Replacing: 9AR5037L, 9AR5037, 9AR2984L, 9AR2984, 510-453, 510-404

Servicing: BMW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 74.45 B: 51.00 mm



**110889** Alternator 14 V, 75 Amp.

Replacing: 9AR2950P

Servicing: Renault, Renault V.I.

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 57.90 B: 26.90 C: 69.00 mm



**110890** Alternator 14 V, 55 Amp.

Replacing: 9AL5050K

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

B+ M6, Pulley w/o, Fan w/o

B: 17.00 C: 63.00 mm



**110891** Alternator 14 V, 70 Amp.

Replacing: 9AR2604P, 9AR2604L, 9AR2538K, 9AR2533P, 9AR2533, 9AR2501K

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.30 C: 83.00 mm



**110897**<sup>#</sup> Alternator 14 V, 50 Amp.

Replacing: 9AR2815K

Servicing: Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 62.00 B: 27.00 mm



**110908** Alternator 14 V, 80 Amp.

Replacing: 2940130

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 82.50 B: 56.00 mm



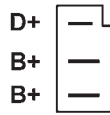
**110911** Alternator 14 V, 55 Amp.

Replacing: 9AR2780K, 9AR2780, 9AR2638P, 9AR2638, 9AR2621L, 9AR2596K, 9AR2588K, 9AR2588

Servicing: Audi, Peugeot, Saab, VW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.64 B: 56.00 mm



**110913** Alternator 14 V, 70 Amp.

Replacing: 9BE2NB2A, 9BE2KA2A, 9AR5100G, 9AR5100, 9AR5045L, 9AR5015L, 9AR2897L, 9AR2884L, 9AR2830L, 9AR2830

Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm



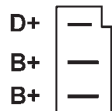

**110916** Alternator 14 V, 40 Amp.

Replacing: 9AR5048P, 9AR5048, 9AR2995R, 9AR2982, 9AR2882F05, 9AR2882F04, 9AR2882F03, 9AR2882F02, 9AR2882F01

Servicing: Citroen, Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.00 B: 40.00 mm


**110919** Alternator 14 V, 70 Amp.

Replacing: 9AR5099L, 9AR5088L, 9AR5030L, 9AR2977L, 9AR2977

Servicing: Audi, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 110.00 B: 56.00 mm

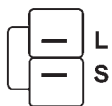

**110925<sup>#</sup>** Alternator 14 V, 45 Amp.

Replacing: 9AR2619G, 9AR2619, 9AL2618G, 9AL2618

Servicing: Opel, Saab, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm

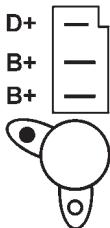

**110957** Alternator 14 V, 75 Amp.

Replacing: 9AR2602

Servicing: Hyundai

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.05 B: 12.99 C: 55.04 mm

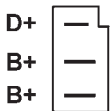

**110968** Alternator 14 V, 70 Amp.

Replacing: 9AR5060, 9AR2960F, 9AR2841, 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G, 9AR2683, 9AR2654G, 9AR2650D

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.00 C: 82.00 mm

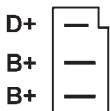

**110969** Alternator 14 V, 65 Amp.

Replacing: 9AR2913, 9AR2878, 9AR2803F, 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P, 9AR2655G, 9AR2653F, 9AR2653

Servicing: Land Rover

B+ M6, Grooves 1, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm

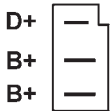

**110970** Alternator 14 V, 65 Amp.

Replacing: 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38

Servicing: Massey Ferguson

B+ M6, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm


**110975** Alternator 14 V, 65 Amp.

Replacing: 9AR2529F, 9AR2529, 510-146, 510-123, 2541263

Servicing: Audi, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 82.85 B: 56.25 mm

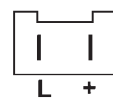

**110990<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 9AR2796T, 9AR2796P, 9AR2796, 9AR2795T, 9AR2795, 9AR2754T, 9AR2754P, 9AR2754, 9AR2753T, 9AR2753P

Servicing: Audi, Porsche, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 83.40 B: 56.00 mm

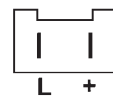

**111071** Alternator 14 V, 75 Amp.

Replacing: 9AR2874R, 9AR2872P, 9AR2731R, 9AR2730P, 2940275

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 61.85 B: 35.90 C: 53.00 mm


**111072** Alternator 14 V, 50 Amp.

Replacing: 9AR2948K, 9AR2752P, 9AR2676K, 9AR2676

Servicing: Renault, VW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 49.40 B: 27.00 C: 66.00 mm


**111074<sup>#</sup>** Alternator 14 V, 70 Amp.

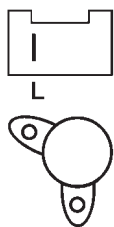
Replacing: 9AR5086L, 9AR5084L, 9AR2974, 9AR2973L, 9AR2973G, 9AR2973

Servicing: VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 75.40 B: 56.00 mm

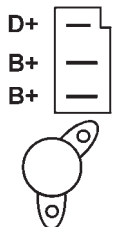



**111075** Alternator 14 V, 55 Amp.

Replacing: 9AR5062K, 2940356

 Servicing: Citroen, Peugeot, Talbot, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.50 B: 40.00 mm

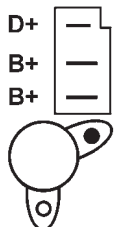

**111083#** Alternator 14 V, 70 Amp.

Replacing: 9BB2KA2A, 9AR5044L, 9AR5044K

Servicing: Audi, Ford, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 76.15 B: 56.00 mm


**111086** Alternator 14 V, 65 Amp.

 Replacing: 9AR5021G, 9AR2917G, 9AR2917,  
 2518071

Servicing: Austin, Ford, Mercury, MG, Rover

B+ Plug, Grooves 1, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm

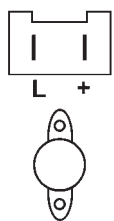

**111141** Alternator 14 V, 55 Amp.

Replacing: 2940793

Servicing: MAN, Mercedes-Benz

 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o

B: 80.00 mm


**111144** Alternator 14 V, 70 Amp.

Replacing: 9AR2870P, 510-312

Servicing: Citroen, Renault, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.15 B: 27.00 C: 64.80 mm

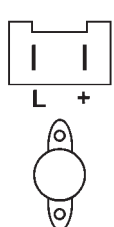

**111156** Alternator 14 V, 70 Amp.

Replacing: 9AR2998P

Servicing: Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 64.30 B: 27.00 C: 66.00 mm


**111171** Alternator 14 V, 70 Amp.

Replacing: 9AR2933P

Servicing: Renault

 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 49.65 B: 27.00 C: 66.50 mm


**111176** Alternator 14 V, 75 Amp.

Replacing: 9AR2512P, 9AR2512

Servicing: Ford, Land Rover, LDV, Rover

 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o

B: 11.25 C: 81.65 mm

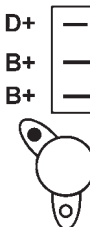

**111180** Alternator 14 V, 33 Amp.

Replacing: 9AR5006G

 Servicing: Fiat, Fiat-Allis, Lamborghini,  
 Same, Zastava

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 25.00 C: 74.00 mm


**111185** Alternator 14 V, 43 Amp.

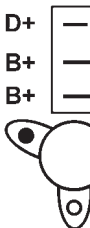
Replacing: 9AR2918G, 9AR2918

 Servicing: Austin, Case, Ford, Land Rover,  
 LDV, Lotus, Massey Ferguson, MG, Morris,  
 Rover, Triumph, Vauxhall

Pulley w/o, Fan IF

 For pulley w/ 17 mm bore use bushing:  
 Cargo 134894.

B: 9.80 C: 81.00 mm

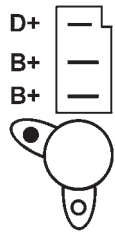

**111289** Alternator 14 V, 70 Amp.

 Replacing: 9AR5092K, 9AR5022G, 9AR5022,  
 9AR2978, 9AR2843G, 9AR2707G, 9AR2703,  
 9AR2701, 9AR2700G, 9AR2700

 Servicing: Austin, Case, Dronningborg, Ford,  
 Land Rover, Massey Ferguson, MG, Morris,  
 Rover

 B+ 9.40, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm


**111362** Alternator 14 V, 55 Amp.

Replacing: 9AR2630K, 2940080

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm


**111408#** Alternator 14 V, 70 Amp.

Replacing: 8AL2073F

Servicing: Mazda

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.85 B: 13.00 C: 66.00 mm


**111419** Alternator 28 V, 55 Amp.

Replacing: 2541423

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 50.00 B: 17.45 C: 63.00 mm


**111510** Alternator 28 V, 45 Amp.

Replacing: 9AR6000G, 9AR6000, 9AR3959G, 9AR3855G, 510-864, 510-860, 510-845

Servicing: Ford, Perkins

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 10.00 C: 82.00 mm


**111575** Alternator 14 V, 90 Amp.

Replacing: 8MR2069TA

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF w/ adjustable voltage regulator.

B: 51.00 mm

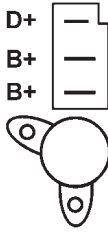

**111576** Alternator 14 V, 90 Amp.

Replacing: 8MR2070TA

Servicing: Mercury

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF w/adjustble regulator. Rotor shaft 5/8«.

B: 27.20 mm

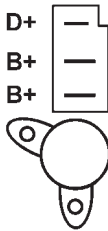

**111652** Alternator 14 V, 65 Amp.

Replacing: 9FE2NB2A, 9FB2KB2A, 9AR2838L, 9AR2779L, 91G2NA2F42

Servicing: Audi, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm


**111653** Alternator 14 V, 45 Amp.

Replacing: 9AR2839G, 9AR2792G, 9AR2792, 9AR2727G, 9AR2727, 9AR2708G, 9AL2708G, 9AL2615

Servicing: Audi, VW

B+ 9.70, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm


**111656** Alternator 14 V, 45 Amp.

Replacing: 2940353

Servicing: Bedford, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**111686** Alternator 14 V, 65 Amp.

Replacing: 9AR2951L, 9AR2951

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.50 B: 17.00 C: 64.50 mm

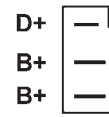

**111800** Alternator 14 V, 70 Amp.

Replacing: 2940349, 2940347

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 88.00 B: 56.00 mm


**111948** Alternator 14 V, 70 Amp.

Replacing: 9AR5070K, 9AR5040K, 9AR2944K, 9AR2862K, 9AR2862, 9AR2861K, 9AR2856K, 9AR2856, 9AR2853K, 9AR2853

Servicing: Massey Ferguson

B+ Plug, Terminal W, Pulley w/o, Fan EF

B: 31.00 mm



**112097** Alternator 28 V, 30 Amp.

Replacing: 9AR3952G, 9AR3952, 9AL3955G  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 73.00 mm



**112110** Alternator 28 V, 45 Amp.

Replacing: 9AR3971G, 9AR3947G, 9AR3790G, 9AR3743G, 9AR3711G01, 9AR3711, 9AR3649G, 510-821

Servicing: Baudouin, Perkins, Sabre, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF  
 A: 58.00 B: 27.00 mm

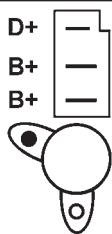


**112111** Alternator 14 V, 70 Amp.

Replacing: 9AR2742P, 9AR2710P, 510-820, 510-801

Servicing: Baudouin, Perkins, Sabre  
 B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 57.50 B: 27.00 mm



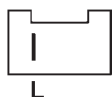
**112112** Alternator 14 V, 70 Amp.

Replacing: 9AR2999P, 9AR2958P, 9AR2958, 9AR2854P, 9AR2831P, 9AR2747P, 9AR2746P, 9AR2745P, 9AR2744P, 9AR2735P

Servicing: Perkins, Sabre, Yanmar

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 45.00 B: 11.50 C: 82.50 mm



**112162** Alternator 14 V, 70 Amp.

Replacing: 9AR5055P, 9AR5055

Servicing: Citroen, Peugeot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.90 mm



**112310** Alternator 14 V, 55 Amp.

Replacing: 9AR2715F

Servicing: BMW, Volvo BM

B+ M6, Grooves 1, Pulley P, Fan EF

A: 74.00 B: 50.70 mm



**113376** Alternator 14 V, 55 Amp.

Replacing: 9AR2904L, 9AR2904K, 9AR2904

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.60 B: 56.20 mm



**113477** Alternator 28 V, 55 Amp.

Replacing: 2940060

Servicing: DAF, Volvo, Volvo BM, Volvo Penta  
 B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 72.50 B: 50.80 mm



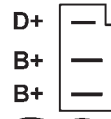
**113549** Alternator 28 V, 35 Amp.

Replacing: 110-313

Servicing: Caterpillar

B+ 1/4« UNC, Pulley w/o, Fan EF  
 D + = 3/16 W

B: 27.20 mm



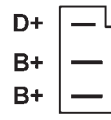
**113574** Alternator 14 V, 65 Amp.

Replacing: 9AR2963L, 9AR2963, 9AR2919P, 9AR2919

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm



**113713** Alternator 14 V, 80 Amp.

Replacing: 510-823

Servicing: Lister

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 45.50 B: 11.20 C: 83.00 mm





**113739** Alternator 14 V, 130 Amp.

Replacing: 110-800

Servicing: Caterpillar, Ford, International, Various, Volvo

B+ M8, Pulley w/o, Fan EF

Rotor shaft 7/8 (22.23 mm).

B: 13.00 C: 102.00 mm



**113898** Alternator 14 V, 185 Amp.

Replacing: 8SC2023Z

Servicing: New Holland

B+ M10, Terminal W, Pulley w/o,

Fan EF

B: 14.75 C: 101.70 mm



**110131** Alternator 14 V, 50 Amp.

Replacing: 110-720

Servicing: Chevrolet, Isuzu, Nissan

B+ M5, Grooves 1, Pulley P, Fan EF

A: 40.75 B: 13.50 C: 80.80 mm



**110138** Alternator 14 V, 40 Amp.

Replacing: 8AL2065K, 110-750

Servicing: Daihatsu, Honda, Mitsubishi, Toyota

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.50 B: 11.75 C: 75.75 mm



**110164**<sup>#</sup> Alternator 14 V, 35 Amp.

Replacing: 8HA2006F, 8HA2003FS, 8HA2003F, 110-225, 110-159

Servicing: Thermo King

B+ M8, Pulley w/o, Fan EF

Regulator: Cargo 131166.

B: 27.50 mm



**110170** Alternator 14 V, 72 Amp.

Replacing: 8MA2014PA, 8MA2014P, 8MA2010PA, 8MA2010P

Servicing: Ford

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 131175.

A: 74.75 B: 51.25 mm



**110173** Alternator 28 V, 75 Amp.

Replacing: 8SA3065P, 8SA3008P, 8SA3006P, 8SA3005P, 8LHA3073PS, 8LHA3071P, 8LHA3025R, 8LHA3025PA, 8LHA3025P

Servicing: Clark, DAF

B+ M8, Insulated return, Pulley w/o, Fan EF

B: 14.50 C: 101.50 mm



**110175** Alternator 28 V, 100 Amp.

Replacing: 8SC3019U, 8SC3015U, 8SC3014, 8SC3011U, 8SC3003U, 8SC3002U, 110-316, 110-302, 110-298, 110-183

Servicing: Volvo Penta

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

Fan: Cargo 134317. Pulley: Cargo 131176.

B: 14.75 C: 99.75 mm



**110176** Alternator 28 V, 175 Amp.

Replacing: 8SC3157V, 8SC3029Z, 8SC3014U, 8SC3009ZA, 8SC3009Z, 8SC3005V, 110-569, 110-258A, 110-258, 110-184

Servicing: Volvo Penta

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

Pulley: Cargo 131176.

B: 14.75 C: 101.50 mm



**110177** Alternator 14 V, 51 Amp.

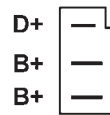
Replacing: 8HA2009K, 8HA2008FA, 8HA2008F, 110-543, 110-542, 110-304, 110-303

Servicing: Thermo King

B+ 1/4« UNC, Pulley w/o, Fan EF

Regulator: Cargo 130679.

B: 27.25 mm



**110179** Alternator 14 V, 36 Amp.

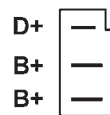
Replacing: 8HA2009KA

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

B+ Plug, Pulley w/o, Fan EF

For fan w/ 17 mm bore use bushing: Cargo 134894.

B: 9.75 C: 88.00 mm



**110357** Alternator 14 V, 55 Amp.

Replacing: 9FE2KB2A12

Servicing: Alfa Romeo, American Motors, Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

Fan: Cargo 133875.

B: 56.00 mm


**110371** Alternator 14 V, 65 Amp.

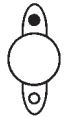
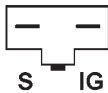
Replacing: 9AL2024L, 8MR2198LS, 8MR2129L, 8EM2013NA, 8EM2013N, 8EM2012NB, 8EM2012NAS, 8EM2012NA, 8EM2012N  
 Servicing: Carrier Transicold, Kubota  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF w/ mounting kit.  
 B: 27.00 mm


**110408** Alternator 14 V, 35 Amp.

Replacing: RA12N453, RA12N451, A12NTK452, A12NTK451, A12N451, 8SC4006U, 8MR2051FAS, 8MR2051FA, 8MR2051F  
 Servicing: American Motors, Jeep, Thermo King  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 mm


**110422** Alternator 14 V, 30 Amp.

Replacing: TA12NJD400, TA12NJD325, TA12N400, TA12N327, TA12N325, 8TA2021E, 8TA2011, 8TA2010ES, 8TA2010E  
 Servicing: Thermo King  
 B+ M8, Pulley w/o, Fan EF  
 Regulator: Cargo 132713.  
 B: 51.00 mm


**110445** Alternator 14 V, 90 Amp.

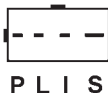
Replacing: 8MR2035T, 110-244, 110-238  
 Servicing: John Deere  
 B+ M6, Pulley w/o, Fan EF  
 B: 51.00 mm


**110487** Alternator 14 V, 37 Amp.

Replacing: 8MR2175F, 8EK2009FC, 8EK2009FB, 8EK2009FA, 8EK2008FB, 8EK2008FA, 8EK2006FB, 8EK2006FA, 8EK2004DC  
 Servicing: Thermo King  
 B+ 1/4« UNF, Pulley w/o, Fan EF  
 B: 27.00 mm


**110488** Alternator 14 V, 65 Amp.

Replacing: 8MR2185L, 8EK2010NC, 8EK2010NB, 8EK2010NA, 8EK2007ND, 8EK2007NB, 8EK2007NA, 8EK2005NB, 8EK2005NA  
 Servicing: Thermo King  
 B+ 1/4« UNF, Pulley w/o, Fan EF  
 B: 27.00 mm


**110498** Alternator 14 V, 100/105 Amp.

Replacing: 8AR2068F, 8AR2066FA  
 Servicing: Chevrolet, Pontiac  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 74.00 B: 51.00 mm


**110913** Alternator 14 V, 70 Amp.

Replacing: 9BE2KA2A21  
 Servicing: Audi, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm


**110937** Alternator 14 V, 200 Amp.

Replacing: 8SC2010Z, 8SC2007ZR, 8SC2004Z, 8SA2022R, 8SA2017R, 8LHC2010Z, 8LHC2004Z, 110-268, 110-255, 110-254  
 Servicing: Cadillac, Caterpillar, International  
 B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF  
 B: 15.00 C: 98.20 mm


**110959** Alternator 14 V, 55 Amp.

Replacing: 8MR2091KSS, 8MR2049KA, 8MR2049K, 8MR2044K, 8MR2039K, 8MR2036K, 8MR2024F, 8MR2023F, 8EM2017K  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 76.35 B: 50.70 mm


**110975** Alternator 14 V, 65 Amp.

Replacing: 9FB2LD2A05  
 Servicing: Audi, VW  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 82.85 B: 56.25 mm




**111487** Alternator 14 V, 160 Amp.

Replacing: 10461101

Servicing: Various

 B+ M8, Terminal W, Insulated return, Pulley w/o, Fan w/o  
 Shaft 7/8" (22.23mm).

B: 15.00 C: 98.50 mm


**111575** Alternator 14 V, 90 Amp.

Replacing: 8MR2069T, 110-602, 110-402

 B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF  
 w/ adjustable voltage regulator.

B: 51.00 mm

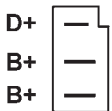

**111576** Alternator 14 V, 90 Amp.

Replacing: 8MR2070T, 110-603, 110-403

Servicing: Mercury

 B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF  
 w/adjustble regulator. Rotor shaft 5/8".

B: 27.20 mm


**111652** Alternator 14 V, 65 Amp.

Replacing: 9JG2N02F45, 9FE2NF2A37, 9FE2NC2A

Servicing: Audi, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm


**111736** Alternator 14 V, 90 Amp.

Replacing: 8MR2033T, 110-252

Servicing: Massey Ferguson, Volvo

B+ 1/4" UNC, Pulley w/o, Fan EF

B: 51.00 mm


**111761** Alternator 14 V, 105 Amp.

Replacing: 8MR2401UA, 8MR2401U, 110-567, 110-534

Servicing: Various

 B+ 1/4" UNC, Terminal W, Insulated return, Pulley w/o, Fan EF  
 w/ adjustable regulator.

B: 27.20 mm


**112159** Alternator 28 V, 80 Amp.

Replacing: MDA3920

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm


**112294** Alternator 28 V, 110 Amp.

Replacing: 8LHA3096UC, 8LHA3096U, 110-459

Servicing: Caterpillar

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 14.50 C: 101.50 mm


**113511<sup>#</sup>** Alternator 28 V, 40 Amp.

Replacing: 8HC3017GS, 8HC3017G, 110-222

Servicing: Case

B+ 1/4" UNC, Pulley w/o, Fan w/o

Regulator: Cargo 234332. Regulator gasket: Cargo 234585.

B: 50.75 mm


**113548** Alternator 14 V, 90 Amp.

Replacing: 8MA2015TA, 8MA2015T

B+ M8, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 51.00 mm


**113549** Alternator 28 V, 35 Amp.

Replacing: 8HC3025F, 8HC3022FS, 8HC3022F, 110-285

Servicing: Caterpillar

B+ 1/4" UNC, Pulley w/o, Fan EF

D + = 3/16 W

B: 27.20 mm


**113739** Alternator 14 V, 130 Amp.

Replacing: 8LHA2070VB, 8LHA2070VA, 8LHA2070V, 110-555

Servicing: Caterpillar, Ford, International, Various, Volvo

B+ M8, Pulley w/o, Fan EF

Rotor shaft 7/8" (22.23 mm).

B: 13.00 C: 102.00 mm



**113898** Alternator 14 V, 185 Amp.  
 Replacing: 8SC2282VG, 110-565  
 Servicing: New Holland  
 B+ M10, Terminal W, Pulley w/o, Fan EF  
 B: 14.75 C: 101.70 mm



**114430** Alternator 14 V, 175 Amp.  
 Replacing: 8LHP2276V, 110-775P  
 Servicing: Freightliner  
 B+ 5/16« UNF, Insulated return, Pulley w/o, Fan EF  
 B: 80.00 mm



**114347** Alternator 28 V, 150 Amp.  
 Replacing: 8SC3068VC, 8SC3068V, 110-431  
 Servicing: Caterpillar, Cummins  
 B+ 5/16« UNC, Pulley w/o, Fan EF  
 B: 14.50 C: 102.00 mm



**114348** Alternator 28 V, 150 Amp.  
 Replacing: 8SC3110VC, 8SC3110V, 110-568  
 Servicing: Thermo King  
 B+ 5/16« UNC, Pulley w/o  
*For batteryless system*  
 B: 13.00 C: 102.20 mm



**114349** Alternator 28 V, 150 Amp.  
 Replacing: 8SC3238VC  
 Servicing: Cummins, Xichai-Fawd  
 B+ 5/16« UNC, Pulley w/o  
 B: 14.00 C: 101.00 mm



**110562** Alternator 28 V, 25 Amp.

Replacing: 0-33000-6511, 0-33000-5870, 0-33000-5860, 0-33000-5280, 0-33000-3070, 0-33000-2860

Servicing: Komatsu

B+ M5, Grooves 1, Pulley P, Fan EF

A: 62.55 B: 12.05 C: 71.00 mm



**110657** Alternator 28 V, 40 Amp.

Replacing: 0-33000-6580, 0-33000-6510, 0-33000-5880, 0-33000-5850, 0-33000-5840

Servicing: Komatsu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 62.75 B: 12.25 C: 71.00 mm



**110800** Alternator 28 V, 13 Amp.

Replacing: 0-33000-3500, 0-33000-3450, 0-33000-2290, 0-33000-2281, 0-33000-2280, 0-33000-2200

Servicing: Komatsu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 62.85 B: 15.80 C: 68.35 mm



**111051** Alternator 28 V, 25 Amp.

Replacing: 0-33000-6000, 0-33000-3760, 0-33000-3700

Servicing: Isuzu, Komatsu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 60.00 B: 16.15 C: 70.35 mm



**112160** Alternator 28 V, 75 Amp.

Replacing: 0-35000-0480, 0-35000-0471, 0-35000-0461, 0-35000-0460, 0-35000-0392, 0-35000-0391, 0-35000-0390

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

B+ M6, Pulley w/o, Fan EF

Replacing: 21SI. One wire system.

B: 14.25 C: 101.50 mm



**112168** Alternator 28 V, 30 Amp.

Replacing: 0-33000-6542, 0-33000-6541, 0-33000-6540

Servicing: Isuzu

B+ M5, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 12.00 C: 81.00 mm



**113212** Alternator 28 V, 20 Amp.

Replacing: 0-33000-6250, 0-33000-5700, 0-33000-5670, 0-33000-5510

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 81.50 mm



**113386** Alternator 28 V, 30 Amp.

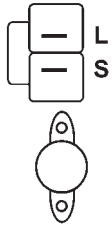
Replacing: 0-33000-6552, 0-33000-6551, 0-33000-6550

Servicing: Isuzu

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 60.00 B: 16.00 C: 68.40 mm





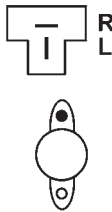
**112334** Alternator 14 V, 75 Amp.

Replacing: 02131-9040

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 80.00 mm



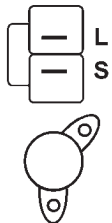
**112506** Alternator 14 V, 60 Amp.

Replacing: 02121-8073, 02121-8072, 02121-8071, 02121-8070, 02121-8027, 02121-8026, 02121-8025

Servicing: Kia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 51.00 B: 13.00 C: 80.20 mm



**113213<sup>#</sup>** Alternator 14 V, 85 Amp.

Replacing: 02131-9070

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.40 B: 13.40 C: 80.35 mm



**113328** Alternator 14 V, 120 Amp.

Replacing: 02131-9311, 02131-9310, 02131-9113, 02131-9112, 02131-9111, 02131-9110

Servicing: Hyundai, Kia

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 102.50 B: 63.70 mm



**113903** Alternator 14 V, 60 Amp.

Replacing: 37300-2W001, 37300-2W000, 02121-8074

Servicing: Kia

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 48.80 B: 13.00 C: 80.38 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114287\*** Alternator 14 V, 110 Amp.

Replacing: 02131-9212

Servicing: Hyundai

Grooves 7, Pulley SP/FW, Fan IF



**114414** Alternator 28 V, 55 Amp.

Replacing: 02142-5070

Servicing: Hino, Nissan

B+ M6, Grooves 2, Pulley DP

A: 49.90 B: 14.20 C: 89.90 mm



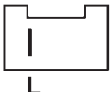
**110043** Alternator 28 V, 45 Amp.

Replacing: 860177

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



**110052** Alternator 28 V, 40 Amp.

Replacing: 20150114

Servicing: Baudouin, DAF, Volvo Penta

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 50.75 mm



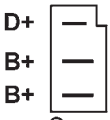
**110077** Alternator 14 V, 50 Amp.

Replacing: PBNA0584, 20130133

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm



**110107** Alternator 14 V, 55 Amp.

Replacing: 66021479, 66021147

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm



**110127** Alternator 14 V, 70 Amp.

Replacing: 66021151M, 110127

Servicing: Farymann, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 79.00 B: 51.00 mm



**110164<sup>#</sup>** Alternator 14 V, 35 Amp.

Replacing: 10-159

Servicing: Thermo King

B+ M8, Pulley w/o, Fan EF  
Regulator: Cargo 131166.

B: 27.50 mm



**110173** Alternator 28 V, 75 Amp.

Replacing: 860053

Servicing: Clark, DAF

B+ M8, Insulated return, Pulley w/o, Fan EF

B: 14.50 C: 101.50 mm



**110175** Alternator 28 V, 100 Amp.

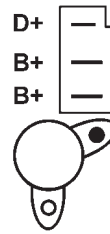
Replacing: 8SC3133U

Servicing: Volvo Penta

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

Fan: Cargo 134317. Pulley: Cargo 131176.

B: 14.75 C: 99.75 mm



**110179** Alternator 14 V, 36 Amp.

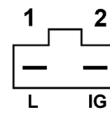
Replacing: PBNA0147, PBNA0113, PBNA0111, PBNA0105, PBNA0104, PBNA0101, 20130192

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

B+ Plug, Pulley w/o, Fan EF

For fan w/ 17 mm bore use bushing: Cargo 134894.

B: 9.75 C: 88.00 mm



**110233** Alternator 14 V, 63 Amp.

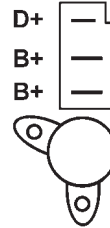
Replacing: OMS131, 20130225

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: 10SI.

A: 75.00 B: 51.00 mm



**110357** Alternator 14 V, 55 Amp.

Replacing: PBNA0112, 66021437, 66021424, 66021423

Servicing: Alfa Romeo, American Motors, Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

Fan: Cargo 133875.

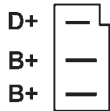
B: 56.00 mm



**110408** Alternator 14 V, 35 Amp.  
 Replacing: 8AL2026F, 8AL2025F, 8AL2014F  
 Servicing: American Motors, Jeep, Thermo King  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 27.00 mm



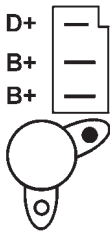
**110427** Alternator 28 V, 22 Amp.  
 Replacing: ANB7004, ANB7003, ANB7002, ANB7001, ANB6004, ANB6002, ANB6001, 51-212, 51-178  
 Servicing: Case, Caterpillar  
 B+ M12, Grooves 2, Pulley DP, Fan w/o  
 A: 83.30 B: 15.50 C: 102.19 mm



**110497** Alternator 14 V, 70 Amp.  
 Replacing: 66021155, 66021126K, 66021126  
 Servicing: Austin-Healey  
 B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
*w/ mounting bearing bracket for left and right engine side.*  
 A: 41.50 B: 10.50 C: 84.00 mm



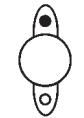
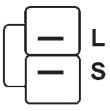
**110540** Alternator 14 V, 55 Amp.  
 Replacing: 20130178  
 Servicing: Bobcat, OMC  
 B+ 1/4« UNC, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 75.00 B: 50.50 mm



**110607** Alternator 14 V, 70 Amp.  
 Replacing: 20100940, 20100780  
 Servicing: Ford  
 B+ M6, Grooves 4, Pulley SP, Fan w/o  
*w/ vacuum pump: Cargo 111754.*  
 A: 33.70 B: 11.30 C: 83.00 mm



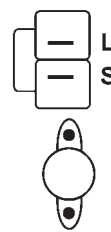
**110612** Alternator 14 V, 43 Amp.  
 Replacing: 35216570, 20100603, 20100270  
 Servicing: Bertone, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 52.45 B: 23.15 C: 73.00 mm



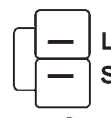
**110632** Alternator 14 V, 65 Amp.  
 Replacing: PBNA0575  
 Servicing: Nissan  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 38.80 B: 25.00 C: 80.80 mm



**110643** Alternator 28 V, 40 Amp.  
 Replacing: 66021616A, 66021490A, 66021490  
 Servicing: Butech  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 75.90 mm



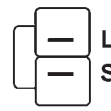
**110663** Alternator 14 V, 60 Amp.  
 Replacing: 110663  
 Servicing: Ford, Kia, Mazda, Mercury  
 B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF  
 A: 41.75 B: 13.15 C: 66.60 mm



**110664** Alternator 14 V, 70 Amp.  
 Replacing: 20100790  
 Servicing: Ford, Mazda  
 B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF  
 A: 43.50 B: 13.10 C: 66.10 mm

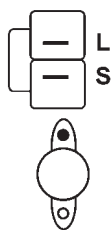


**110682** Alternator 14 V, 70 Amp.  
 Replacing: PBNA0550, 20100550  
 Servicing: GEO, Toyota  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 89.70 B: 58.00 mm



**110689#** Alternator 14 V, 65 Amp.  
 Replacing: 20110151  
 Servicing: Ford, Mazda, Mercury  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 43.15 B: 13.30 C: 66.60 mm



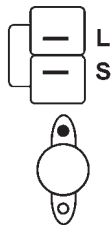

**110693** Alternator 14 V, 60 Amp.

Replacing: PBNA0394, 20100394

Servicing: Nissan

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.80 B: 13.00 C: 81.20 mm

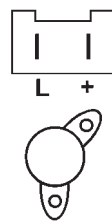

**110701** Alternator 14 V, 50 Amp.

Replacing: PBNA0556, 20110342, 20110341

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 41.80 B: 13.30 C: 80.50 mm

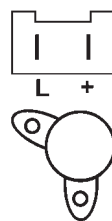

**110744**<sup>#</sup> Alternator 14 V, 50 Amp.

Replacing: 66021574, 66021417, 20100808

Servicing: DAF, Renault, Volvo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.25 B: 26.58 C: 65.75 mm

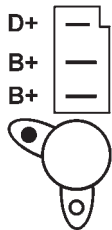

**110754**<sup>#</sup> Alternator 14 V, 55 Amp.

Replacing: 35213675

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 98.90 B: 56.00 mm


**110759** Alternator 14 V, 35 Amp.

Replacing: PBNA0583, PBNA0231, PBNA0226, PBNA0221, PBNA0216, PBNA0177, PBNA0176, PBNA0106, PBNA0102, PBNA0100

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm


**110769** Alternator 14 V, 70 Amp.

Replacing: 35215200

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 27.10 C: 66.00 mm

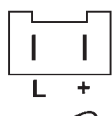

**110881** Alternator 14 V, 55 Amp.

Replacing: 20110134

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

B+ M6, Terminal W, Grooves 2, Pulley P, Fan EF

A: 88.00 B: 56.00 mm


**110889** Alternator 14 V, 75 Amp.

Replacing: 35215030

Servicing: Renault, Renault V.I.

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 57.90 B: 26.90 C: 69.00 mm


**110891** Alternator 14 V, 70 Amp.

Replacing: 66021238

Servicing: Ford, Land Rover, MG

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.30 C: 83.00 mm


**110895** Alternator 28 V, 55 Amp.

Replacing: AELB697, 859232

Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.00 mm

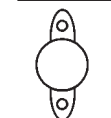

**110911** Alternator 14 V, 55 Amp.

Replacing: 66021422, 20100918

Servicing: Audi, Peugeot, Saab, VW

B+ M6, Grooves 1, Pulley P, Fan EF

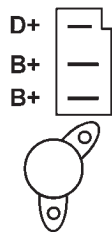
A: 77.64 B: 56.00 mm


**110912** Alternator 14 V, 55 Amp.

 Replacing: PBNA0597, PBNA0190, 20100190  
 Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 16.40 C: 66.00 mm


**110913** Alternator 14 V, 70 Amp.

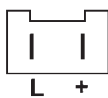
 Replacing: PBNA0134, 20100983, 20100628  
 Servicing: Audi, VW

 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm

**110916** Alternator 14 V, 40 Amp.

Replacing: 20130231

Servicing: Citroen, Peugeot, Talbot

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 59.00 B: 40.00 mm

**110921** Alternator 14 V, 55 Amp.

Replacing: PBNA0507, 20100507

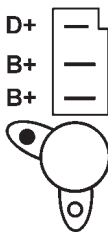
Servicing: Volvo

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 72.50 B: 26.80 C: 65.70 mm

**110925<sup>#</sup>** Alternator 14 V, 45 Amp.

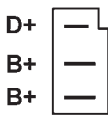
Replacing: PBNA0208, 66021434, 66021405

Servicing: Opel, Saab, Vauxhall

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm

**110968** Alternator 14 V, 70 Amp.

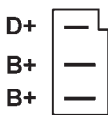
 Replacing: PBNA0392, PBNA0230, PBNA0228,  
 PBNA0206, PBNA0185, PBNA0143, PBNA0131,  
 PBNA0121, 66021636, 66021461

 Servicing: Austin, Case, Dronningborg, MG,  
 Nissan, Rover, Valtra

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 37.00 B: 11.00 C: 82.00 mm

**110969** Alternator 14 V, 65 Amp.

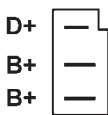
 Replacing: PBNA0586, PBNA0229, PBNA0130,  
 66021637, 66021438, 66021137, 66021115,  
 20100693

Servicing: Land Rover

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 38.00 B: 11.00 C: 82.00 mm

**110972** Alternator 14 V, 65 Amp.

 Replacing: PBNA0110, 66021579, 66021459,  
 66021436, 66021416, 66021149

Servicing: Opel, Vauxhall

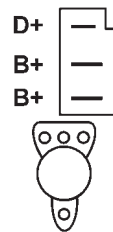
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 87.90 B: 56.00 mm

**110975** Alternator 14 V, 65 Amp.

Replacing: 66021152

Servicing: Audi, VW

 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 82.85 B: 56.25 mm


**110977** Alternator 28 V, 35 Amp.

Replacing: 66021174, 66021168

Servicing: Universal

 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm


**110990<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 20100807

Servicing: Audi, Porsche, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 83.40 B: 56.00 mm

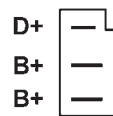

**111048** Alternator 14 V, 40 Amp.

Replacing: 20140110

Servicing: Daihatsu, Iseki, Kubota, Piaggio

B+ M6, Grooves 1, Pulley P, Fan IF

A: 43.00 B: 24.00 mm


**111074<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 20100743

Servicing: VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 75.40 B: 56.00 mm



**111149** Alternator 14 V, 80 Amp.  
 Replacing: 20100718  
 Servicing: Mercedes-Benz  
 B+ M8, Grooves 1, Pulley P, Fan EF  
 A: 76.00 B: 56.00 mm



**111166** Alternator 14 V, 70 Amp.  
 Replacing: PBNA0207, 66021440, 66021414  
 Servicing: Albin, Bedford, Lancia, Opel, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



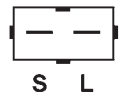
**111175**<sup>#</sup> Alternator 14 V, 80 Amp.  
 Replacing: 35214445  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 41.30 B: 27.25 C: 69.95 mm



**111176** Alternator 14 V, 75 Amp.  
 Replacing: 66021555, 66021550, 20100517  
 Servicing: Ford, Land Rover, LDV, Rover  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 11.25 C: 81.65 mm



**111186** Alternator 14 V, 70 Amp.  
 Replacing: 20110154  
 Servicing: Opel, Vauxhall  
 B+ Plug, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 78.20 mm



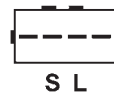
**111216** Alternator 14 V, 37 Amp.  
 Replacing: 66021606  
 Servicing: Thermo King  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 51.00 mm



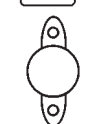
**111237** Alternator 14 V, 70 Amp.  
 Replacing: 20110413  
 Servicing: Kia, Mazda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.75 B: 13.00 C: 66.55 mm



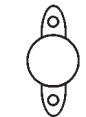
**111238** Alternator 14 V, 75 Amp.  
 Replacing: 20130140  
 Servicing: Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 45.20 B: 12.80 C: 55.10 mm



**111280** Alternator 14 V, 65 Amp.  
 Replacing: 20110170  
 Servicing: Nissan  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 38.25 B: 24.80 C: 66.80 mm



**111294** Alternator 14 V, 70 Amp.  
 Replacing: 20110194  
 Servicing: Nissan  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 41.65 B: 13.20 C: 80.50 mm

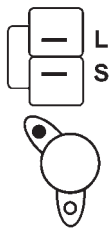


**111295** Alternator 28 V, 55 Amp.  
 Replacing: 859327, 66021507  
 Servicing: Cummins, Perkins  
 B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF  
 Shaft dia. 19 mm.  
 B: 76.25 mm



**111308**<sup>#</sup> Alternator 14 V, 65 Amp.  
 Replacing: 20130165  
 Servicing: Ford, Hyundai, Mazda  
 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.00 B: 13.20 C: 66.20 mm



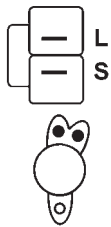

**111309** Alternator 14 V, 75 Amp.

Replacing: 20110232

Servicing: Hyundai, Proton

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.15 B: 13.15 C: 54.50 mm

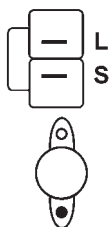

**111314** Alternator 14 V, 90 Amp.

Replacing: 20130190

Servicing: Hyundai, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 37.90 B: 13.15 C: 55.15 mm

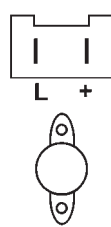

**111317** Alternator 14 V, 80 Amp.

Replacing: 66021301

Servicing: Ford, Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 36.40 B: 13.20 C: 66.80 mm

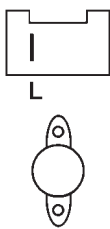

**111319** Alternator 14 V, 105 Amp.

Replacing: 35214350

Servicing: Opel, Renault, Renault V.I.

B+ M6, Grooves 1, Pulley P, Fan EF

A: 47.90 B: 26.90 C: 66.00 mm

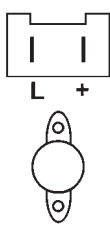

**111321** Alternator 14 V, 70 Amp.

Replacing: 66021575, 35215205, 35215040, 20100966

Servicing: Volvo

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.20 B: 27.15 C: 66.00 mm

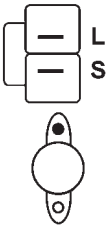

**111322**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: 35213955

Servicing: Renault

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.00 B: 26.75 C: 66.00 mm

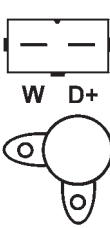

**111337** Alternator 14 V, 70 Amp.

Replacing: 20100789

Servicing: Mazda

B+ M6, Grooves 1, Pulley P, Fan IF

A: 47.60 B: 13.10 C: 66.55 mm

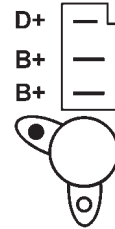

**111353** Alternator 14 V, 70 Amp.

Replacing: 35214410

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm

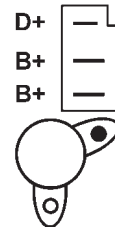

**111355** Alternator 14 V, 65 Amp.

Replacing: PBNA0582, 66021543

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm


**111356** Alternator 14 V, 55 Amp.

Replacing: 66021445

Servicing: Ford

B+ 9.40, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm


**111360**<sup>#</sup> Alternator 14 V, 55 Amp.

Replacing: 20100521

Servicing: Ford

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.65 B: 10.90 C: 83.30 mm


**111361** Alternator 14 V, 67 Amp.

Replacing: 20100527

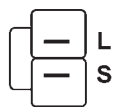
Servicing: Nissan

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

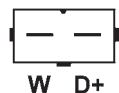
A: 69.65 B: 25.00 C: 81.00 mm



**111426** Alternator 14 V, 100 Amp.  
 Replacing: 35214930  
 Servicing: Isuzu, Opel, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 51.00 B: 33.75 C: 56.00 mm



**111469#** Alternator 14 V, 45 Amp.  
 Replacing: 20130167  
 Servicing: Dodge, Mitsubishi  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 42.30 B: 13.00 C: 54.80 mm



**111477** Alternator 14 V, 90 Amp.  
 Replacing: 35214095  
 Servicing: Ford, Seat, Skoda, VW  
 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 39.50 B: 13.50 C: 59.00 mm



**111491** Alternator 14 V, 75 Amp.  
 Replacing: 20130141  
 Servicing: Mitsubishi  
 B+ M6, Grooves 2, Pulley DP, Fan IF  
 A: 42.50 B: 13.00 C: 55.00 mm



**111495** Alternator 14 V, 40 Amp.  
 Replacing: 20140109  
 Servicing: Hyster, Mitsubishi, Sumitomo, Yale  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 81.50 mm



**111498** Alternator 14 V, 110 Amp.  
 Replacing: 35215345  
 Servicing: Citroen, Fiat  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 28.15 B: 26.90 C: 66.60 mm



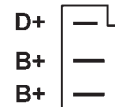
**111510** Alternator 28 V, 45 Amp.  
 Replacing: 66021593  
 Servicing: Ford, Perkins  
 B+ M6, Terminal W, Insulated return,  
 Pulley w/o, Fan EF  
 B: 10.00 C: 82.00 mm



**111513#** Alternator 14 V, 75 Amp.  
 Replacing: 35215250  
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 45.00 B: 26.50 C: 69.00 mm



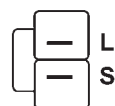
**111515** Alternator 14 V, 70 Amp.  
 Replacing: 20110303  
 Servicing: AC, Opel, Vauxhall  
 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 42.50 B: 13.00 C: 78.50 mm



**111569** Alternator 28 V, 30 Amp.  
 Replacing: 66021585  
 Servicing: DAF, LDV International  
 B+ M6, Terminal W, Grooves 8,  
 Pulley SP, Fan w/o  
 A: 33.00 B: 11.70 C: 82.80 mm



**111578** Alternator 14 V, 60 Amp.  
 Replacing: PBNA0542, 20100542  
 Servicing: Honda, Rover  
 B+ M6, Grooves 3, Pulley SP, Fan IF  
 A: 89.50 B: 58.25 mm



**111594** Alternator 14 V, 75 Amp.  
 Replacing: 20110236  
 Servicing: Mitsubishi  
 B+ M8, Grooves 2, Pulley DP, Fan IF  
 A: 41.50 B: 13.00 C: 55.00 mm



W D+ B+


**111623** Alternator 14 V, 70 Amp.

Replacing: 2011061

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 33.00 B: 11.80 C: 83.40 mm



L S


**111626** Alternator 14 V, 90 Amp.

Replacing: 20130191

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.20 C: 54.60 mm

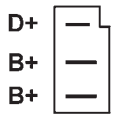

**111633** Alternator 14 V, 80 Amp.

Replacing: 66021318, 66021314

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 25.00 C: 80.70 mm



D+ B+ B+


**111652** Alternator 14 V, 65 Amp.

Replacing: 35213795, 35213750

Servicing: Audi, VW

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm


**111667** Alternator 14 V, 65 Amp.

Replacing: PBNA0328, 20100328

Servicing: Alfa Romeo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 51.00 B: 27.00 mm


**111676** Alternator 14 V, 90 Amp.

Replacing: 35214955, 20110252

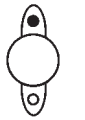
Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 14.80 C: 59.00 mm



P L F S

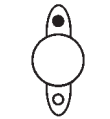

**111708** Alternator 14 V, 85 Amp.

Replacing: 20110250

Servicing: Daewoo

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 86.50 B: 50.50 mm


**111710** Alternator 14 V, 65 Amp.

Replacing: OMS143, OMS142, OMS140, OMS138, 20130179

Servicing: Mercury, OMC

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 72.00 B: 50.70 mm



P L F S


**111711** Alternator 14 V, 105 Amp.

Replacing: 20100520

Servicing: Chevrolet, GMC

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 73.00 B: 51.00 mm



L S


**111714<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: 20130164

Servicing: Kia

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 66.00 mm



S IG L

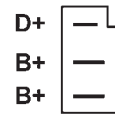

**111729<sup>#</sup>** Alternator 14 V, 55 Amp.

Replacing: PBNA0555, 20100555

Servicing: Toyota

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm



D+ B+ B+


**111739** Alternator 14 V, 55 Amp.

Replacing: 66021605, 20100530, 20100522

Servicing: Ford, New Holland

 B+ M6, Pulley w/o, Fan EF  
 w/ battery sensor terminal.

B: 11.40 C: 82.30 mm





**111741** Alternator 14 V, 70 Amp.

Replacing: 66021595, 20100518

Servicing: Ford

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 11.50 C: 81.00 mm



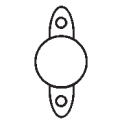
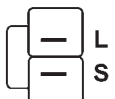
**111743** Alternator 14 V, 55 Amp.

Replacing: 20110161

Servicing: Ford

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan w/o w/ vacuum pump: Cargo 111367.

A: 33.45 B: 12.25 C: 82.50 mm



**111747** Alternator 14 V, 70 Amp.

Replacing: 20130146

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 41.50 B: 13.00 C: 80.00 mm



**111756** Alternator 14 V, 65 Amp.

Replacing: 20110221

Servicing: Rover

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 90.00 B: 57.90 mm



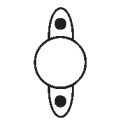
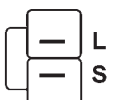
**111767** Alternator 14 V, 80 Amp.

Replacing: 20110262

Servicing: Isuzu, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan IF

A: 49.00 B: 13.10 C: 80.90 mm



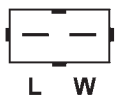
**111787** Alternator 14 V, 70 Amp.

Replacing: 20130166

Servicing: Kia

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 66.60 mm



**111797** Alternator 14 V, 95 Amp.

Replacing: 20110381

Servicing: Ford

B+ M8, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 82.90 mm



**111799#** Alternator 14 V, 70 Amp.

Replacing: 20100727

Servicing: Saab

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 79.50 B: 56.00 mm



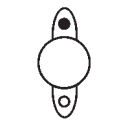
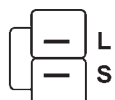
**111806** Alternator 14 V, 90 Amp.

Replacing: 66021306, 20110234

Servicing: Mitsubishi

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 25.00 B: 13.00 C: 54.80 mm



**111807** Alternator 14 V, 70 Amp.

Replacing: 20110238

Servicing: Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.50 C: 66.50 mm



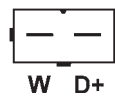
**111808** Alternator 28 V, 120 Amp.

Replacing: 1285515

Servicing: Volvo

B+ M10, Terminal W, Pulley w/o, Fan EF

mm



**111820** Alternator 14 V, 90 Amp.

Replacing: 20110387, 20110386

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 14.00 C: 59.00 mm


**111826<sup>#</sup>** Alternator 14 V, 115 Amp.

Replacing: 20130157

Servicing: Mercedes-Benz, Opel

 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 79.50 B: 56.00 mm

**111831** Alternator 14 V, 100 Amp.

Replacing: 20110299

Servicing: Opel

 B+ M8, Terminal W, Grooves 1,  
 Pulley P, Fan IF

A: 42.00 B: 13.00 C: 77.00 mm


**111843** Alternator 14 V, 95 Amp.

Replacing: 20130136

Servicing: Case

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan w/o  
 B- M8.

A: 74.60 B: 51.00 mm


**111846** Alternator 14 V, 80 Amp.

Replacing: 20110249

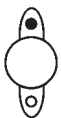
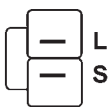
Servicing: Daewoo

 B+ M6, Pulley w/o, Fan EF  
 B: 13.00 C: 80.50 mm

**111860** Alternator 14 V, 90 Amp.

Replacing: 46-2415

Servicing: Fiat, Lancia

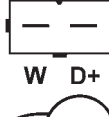
 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 56.00 B: 17.00 C: 63.30 mm

**111871<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: 20130171

Servicing: Nissan

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 57.75 B: 13.10 C: 80.25 mm

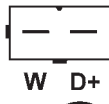

**111878** Alternator 14 V, 70 Amp.

Replacing: 36215395

Servicing: Audi, Skoda, VW

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm


**111884** Alternator 14 V, 90 Amp.

Replacing: 35214370

Servicing: Seat, VW

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP/FW, Fan IF

A: 39.50 B: 14.00 C: 61.50 mm


**111886** Alternator 28 V, 65 Amp.

Replacing: 860557

Servicing: Scania

 B+ M8, Terminal W, Pulley w/o,  
 Fan w/o

B: 23.25 C: 68.70 mm

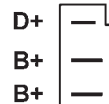

**111888** Alternator 14 V, 65 Amp.

Replacing: 20110305

Servicing: Case

 B+ M8, Terminal W, Grooves 8,  
 Pulley SP, Fan EF

A: 81.00 B: 50.60 mm

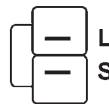

**111948** Alternator 14 V, 70 Amp.

Replacing: PBNA0220, 66021583, 20100220

Servicing: Massey Ferguson

 B+ Plug, Terminal W, Pulley w/o,  
 Fan EF

B: 31.00 mm

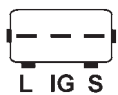

**111956** Alternator 14 V, 75 Amp.

Replacing: 20130169

Servicing: Mitsubishi

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.00 B: 13.00 C: 55.00 mm



**111961** Alternator 14 V, 60 Amp.

Replacing: MGL4005

Servicing: Toyota

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 146.50 B: 70.00 mm



**111975#** Alternator 14 V, 115 Amp.

Replacing: 1286000

Servicing: Volvo

B+ M12, Pulley w/o, Fan EF

B: 22.00 C: 110.00 mm



**111976** Alternator 28 V, 180 Amp.

Replacing: 1286590, 1286500

Servicing: Ikarus, Volvo

B+ M12, Terminal W, Pulley w/o, Fan EF

B: 22.00 C: 110.00 mm



**111990** Alternator 14 V, 70 Amp.

Replacing: 35215230

Servicing: Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 55.00 B: 33.50 C: 56.00 mm



**112046** Alternator 14 V, 95 Amp.

Replacing: 20130137

Servicing: Deutz-Fahr, Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm



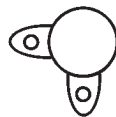
**112056** Alternator 14 V, 70 Amp.

Replacing: PBNA0444, PBNA0443

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.50 B: 56.00 mm



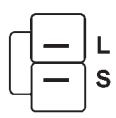
**112058** Alternator 14 V, 70 Amp.

Replacing: 20110438

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 21.80 C: 46.00 mm



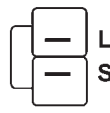
**112068** Alternator 14 V, 35 Amp.

Replacing: 20140101

Servicing: Nissan, TCM

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.25 mm



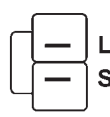
**112069** Alternator 14 V, 50 Amp.

Replacing: 20140107

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.10 C: 81.60 mm



**112086** Alternator 14 V, 60 Amp.

Replacing: 20110256

Servicing: Audi, Ford, Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.10 C: 80.40 mm



**112087** Alternator 14 V, 55 Amp.

Replacing: 20130181

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 80.50 mm



**112097** Alternator 28 V, 30 Amp.

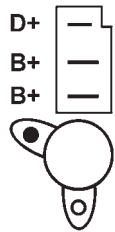
Replacing: 860141

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 73.00 mm




**112112** Alternator 14 V, 70 Amp.

Replacing: 66021587

Servicing: Perkins, Sabre, Yanmar

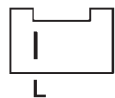
B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 45.00 B: 11.50 C: 82.50 mm


**112159** Alternator 28 V, 80 Amp.

Replacing: 110-872

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.40 mm

**112162** Alternator 14 V, 70 Amp.

Replacing: 66021554

Servicing: Citroen, Peugeot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.90 mm

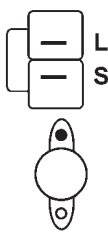

**112189** Alternator 28 V, 80 Amp.

Replacing: 860561

Servicing: Renault V.I.

B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 27.00 C: 76.25 mm

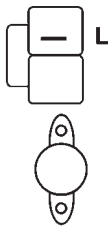

**112206<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: 20130102

Servicing: Nissan

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.00 B: 13.00 C: 80.70 mm


**112207** Alternator 14 V, 70 Amp.

Replacing: 20130161

Servicing: Nissan

B+ M5, Grooves 2, Pulley DP, Fan EF

A: 41.85 B: 13.00 C: 80.00 mm

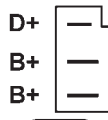

**112229** Alternator 14 V, 70 Amp.

Replacing: 35214830

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.50 B: 34.00 C: 59.00 mm


**112237** Alternator 14 V, 70 Amp.

Replacing: 66021126M

Servicing: Various

 B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF  
*Pulley distance is ok from 34.00 to 43.00 mm.*

A: 34.00-43.00 B: 10.90 C: 84.00 mm


**112238** Alternator 14 V, 65 Amp.

Replacing: PBNA0382, 66021412

Servicing: Austin, DAF, Land Rover, LDV, Rover

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.00 B: 11.50 C: 81.70 mm


**112270** Alternator 14 V, 35 Amp.

Replacing: 20130177

Servicing: Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 41.85 B: 13.50 C: 81.65 mm


**112297** Alternator 14 V, 60 Amp.

Replacing: 20100547

Servicing: Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.10 C: 67.00 mm

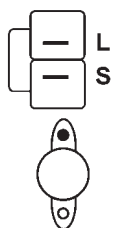

**112327** Alternator 14 V, 100 Amp.

Replacing: 20130174

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.45 B: 13.00 C: 66.50 mm

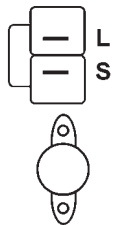

**112332** Alternator 14 V, 70 Amp.

Replacing: 20130184

Servicing: Suzuki

B+ M6, Grooves 1, Pulley P, Fan IF

A: 50.00 B: 13.00 C: 80.70 mm


**112334** Alternator 14 V, 75 Amp.

Replacing: 20130160

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 80.00 mm


**112343** Alternator 28 V, 140 Amp.

Replacing: 1277700

Servicing: Renault V.I., Volvo

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.

B: 15.75 C: 182.00 mm

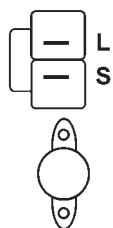

**112345** Alternator 28 V, 55 Amp.

Replacing: PBNA0474, 858884

Servicing: Volvo

 B+ M8, Terminal W, Pulley w/o,  
 Fan w/o

B: 51.50 mm

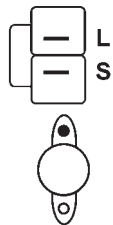

**112351** Alternator 14 V, 90 Amp.

Replacing: 20110501

Servicing: Nissan

B+ M8, Grooves 1, Pulley P, Fan IF

A: 43.50 B: 13.00 C: 81.00 mm

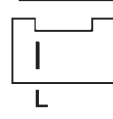

**112359** Alternator 14 V, 100 Amp.

Replacing: 20130175

Servicing: Nissan

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 41.50 B: 12.90 C: 80.30 mm


**112463<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: 35214355

Servicing: Volvo

 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 46.50 B: 27.00 C: 66.60 mm


**112506** Alternator 14 V, 60 Amp.

Replacing: 20130163

Servicing: Kia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 51.00 B: 13.00 C: 80.20 mm


**112680** Alternator 14 V, 70 Amp.

Replacing: 35215290, 20110223

Servicing: Ford

 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 33.50 B: 14.00 C: 80.00 mm

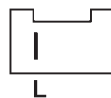

**112681** Alternator 14 V, 80 Amp.

Replacing: 35215340

Servicing: Citroen, Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 69.00 mm

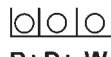

**112705** Alternator 14 V, 70 Amp.

Replacing: 35215255

Servicing: Rover

 B+ M6, Terminal W, Grooves 5,  
 Pulley SP, Fan EF

A: 45.75 B: 27.00 C: 66.00 mm


**B+ D+ W**

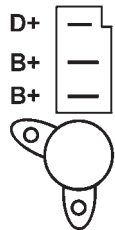
**112718** Alternator 14 V, 100 Amp.

Replacing: 20130116

Servicing: Ford, New Holland

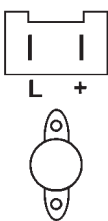
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm


**112722** Alternator 14 V, 70 Amp.

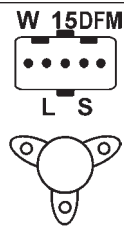
Replacing: 66021836

Servicing: Massey Ferguson

 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 10.50 C: 83.50 mm

**112769** Alternator 14 V, 60 Amp.

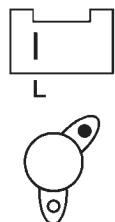
Replacing: PBNA0581, PBNA0565, 66021577

Servicing: Renault

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 A: 46.50 B: 26.80 C: 70.00 mm

**113284** Alternator 28 V, 100 Amp.

Replacing: 860809

Servicing: DAF

 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 80.50 mm

**112754** Alternator 14 V, 70 Amp.

Replacing: 66021559, 20100765

Servicing: Citroen, Peugeot

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 95.00 B: 56.00 mm

**112789** Alternator 14 V, 110 Amp.

Replacing: 20130217

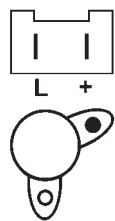
Servicing: Renault

 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 50.00 B: 26.50 C: 66.10 mm

**113342** Alternator 28 V, 95 Amp.

Replacing: 8LHA3159R, 859371Z, 859371

Servicing: Sabre

 B+ M8, Pulley w/o, Fan EF  
 B: 76.20 mm

**112756** Alternator 14 V, 60 Amp.

Replacing: 35215280, 20100397

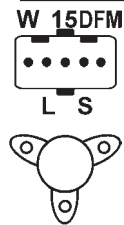
Servicing: Renault

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 56.00 B: 27.00 C: 65.00 mm

**112806** Alternator 14 V, 120 Amp.

Replacing: 20110372

Servicing: Audi, Vauxhall, VW

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 14.10 C: 82.00 mm

**113351** Alternator 28 V, 100 Amp.

Replacing: 860807

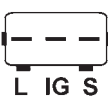
Servicing: Mercedes-Benz

 B+ M8, Terminal W, Pulley w/o, Fan IF  
 B: 80.00 mm

**112760#** Alternator 14 V, 80 Amp.

Replacing: 20100729

Servicing: Saab

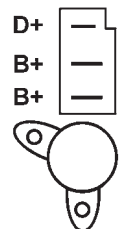
 B+ M8, Grooves 5, Pulley SP, Fan EF  
 A: 78.00 B: 56.10 mm

**112860** Alternator 14 V, 80 Amp.

Replacing: 20110410

Servicing: GEO, Toyota

 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Replacing: CS121.

A: 52.00 B: 28.00 C: 42.00 mm


**113378** Alternator 14 V, 45 Amp.

Replacing: PBNA0132, PBNA0122, 66021584

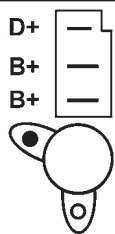
Servicing: Austin, Ford, Land Rover

 B+ Plug, Terminal S, Pulley w/o,  
 Fan w/o

*Husk at monter modstand*

B: 9.10 C: 87.80 mm




**113574** Alternator 14 V, 65 Amp.

Replacing: 66021411

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm

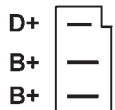

**113631** Alternator 14 V, 90 Amp.

Replacing: 20150113

Servicing: BMW, BUKH, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 79.25 B: 51.00 mm

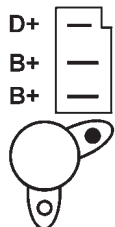

**113713** Alternator 14 V, 80 Amp.

Replacing: 66021588

Servicing: Lister

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 45.50 B: 11.20 C: 83.00 mm

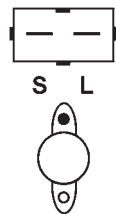

**113714** Alternator 28 V, 55 Amp.

Replacing: 66021594

Servicing: Sabre

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 45.50 B: 11.20 C: 83.00 mm

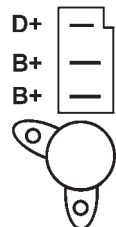

**113716** Alternator 14 V, 90 Amp.

Replacing: 20140111

Servicing: Thermo King, Yanmar

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 51.00 mm


**113866** Alternator 14 V, 55 Amp.

Replacing: 20100721

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF

A: 91.85 B: 56.20 mm


**114374** Alternator 28 V, 110 Amp.

Replacing: JFZ2110A2

B+ 3/16« UNF, Grooves 2, Pulley DP

A: 49.00 B: 16.00 C: 101.00 mm



**110043** Alternator 28 V, 45 Amp.

Replacing: 19025075

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



**110075** Alternator 14 V, 60 Amp.

Replacing: 1102945, 1102944, 1102370, 1100951, 1100944, 1100943, 1100939, 1100933, 1100932, 1100931, 1100921

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat-Allis, GMC, International, Jeep, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF  
As Cargo 110215 (90Amp). Regulator: Cargo 130505.

A: 75.00 B: 51.00 mm



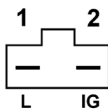
**110112** Alternator 28 V, 40 Amp.

Replacing: 19025074

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm



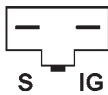
**110233** Alternator 14 V, 63 Amp.

Replacing: 1979867, 1979866, 1979865, 1979863, 1979862, 1979861, 1979860, 19020501, 1105649, 1105632, 1105365

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF  
Replacing: 10SI.

A: 75.00 B: 51.00 mm



**110234** Alternator 14 V, 80 Amp.

Replacing: 1105693, 11056709, 1105578, 1101434, 1101090, 1101073, 1101064, 1101063, 1101062, 1101061, 1101060

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
Replacing: 27SI.

B: 20.50 C: 69.00 mm



**110235** Alternator 14 V, 80 Amp.

Replacing: 1105552, 1105512, 1105433, 1105415, 1105347, 1105346, 1105343, 1105342, 1105339, 1105335, 1105333

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat, GMC, Jeep, Oldsmobile, Pontiac

B+ M6, Pulley w/o, Fan w/o  
Replacing: 15SI.

B: 50.70 mm



**110300** Alternator 28 V, 65 Amp.

Replacing: 321-654, 1105476, 1105475, 1105474, 1100274, 1100211, 1100093, 1100077, 10463160

Servicing: Case, International

B+ M6, Terminal W, Pulley w/o, Fan EF  
Replacing: 27SI. Shaft dia. 22.00 mm. Fan: Cargo 131854.

B: 11.90 C: 103.00 mm



**110325** Alternator 14 V, 18 Amp.

Replacing: 1105076, 1105063, 1103190, 1103134, 1102871, 1100499, 1100092

Servicing: Bobcat

B+ M6, Pulley w/o, Fan w/o  
Replacing: 10SI.

B: 50.90 mm



**110349** Alternator 14 V, 42 Amp.

Replacing: 19025771

Servicing: Lada

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130613.

A: 44.50 B: 18.50 C: 61.50 mm



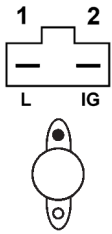
**110350** Alternator 14 V, 44 Amp.

Replacing: 19025772

Servicing: Fiat, Lada

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



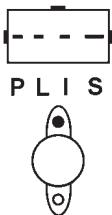
**110471** Alternator 14 V, 94 Amp.

Replacing: 1105654, 1105651, 1105630, 1105629, 1105604, 1105602, 1105592, 1105582, 1105581, 1105572, 1105569  
 Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Replacing: 12SI.  
 B: 51.00 mm



**110492** Alternator 14 V, 108 Amp.

Replacing: 1105681, 1105639, 1105587, 1105571, 1105570, 1105553, 1105549, 1105515, 1105513, 1105509, 1105497  
 Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Replacing: 17SI.  
 A: 74.50 B: 50.50 mm



**110498** Alternator 14 V, 100/105 Amp.

Replacing: 1101141, 1101138, 1101137, 10480085, 10463015, 10463012, 10463011  
 Servicing: Chevrolet, Pontiac  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 74.00 B: 51.00 mm



**110499** Alternator 14 V, 100/105 Amp.

Replacing: 1102601, 1102600, 1101822, 1101810, 1101596, 1101595, 1101593, 1101583, 1101278, 1101277, 1101231  
 Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 72,80 B: 51.00 mm



**110500** Alternator 14 V, 100/105 Amp.

Replacing: 10480104, 10480097, 10480028  
 Servicing: AM General, Buick, Chevrolet, GMC, Oldsmobile  
 B+ M6, Pulley w/o, Fan EF  
 B: 51.00 mm



**110502** Alternator 14 V, 100/105 Amp.

Replacing: 1105678, 1105677, 1101806, 10497145, 10497122, 10480088, 10463419  
 Servicing: Buick, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.50 mm



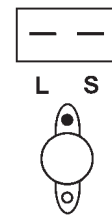
**110503** Alternator 14 V, 100/105 Amp.

Replacing: 1105701, 1105697, 1102614, 1101605, 1101461, 10479963, 10479815, 10463264, 10463175, 10463114  
 Servicing: Buick, Chevrolet, Pontiac  
 B+ M6, Grooves 5, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 72.50 B: 51.00 mm



**110504** Alternator 14 V, 90 Amp.

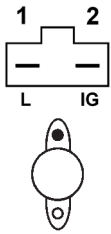
Replacing: 1105073, 1102875, 1100589  
 Servicing: Buick, Case, Chevrolet, Fiat-Allis, International, Jeep  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 Same as Cargo 110505 (75 Amp).  
 B: 51.00 mm



**110505** Alternator 14 V, 75 Amp.

Replacing: 1105686, 1105645, 1105619, 1105584, 1105574, 1105573, 1105559, 1105558, 1105556, 1105522, 1105520  
 Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 Replacing: CS130. As Cargo 110504 (90Amp).  
 B: 50.50 mm



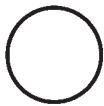

**110508** Alternator 14 V, 78 Amp.

Replacing: 321-1015, 1979859, 1979858, 1979857, 1105708, 1105707, 1105706, 1105705, 1105704, 1105703, 1105692

Servicing: American Motors, Buick, Cadillac, Case, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

B+ M6, Grooves 1, Pulley P, Fan EF  
Replacing: 12SI.

A: 77.00 B: 50.50 mm


**110544** Alternator 28 V, 125 Amp.

Replacing: 19025347, 19025304

Servicing: Ikarus

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF  
Saddle mounting.


**110591** Alternator 28 V, 75 Amp.

Replacing: 321-697, 321-655, 19010024, 19010008, 19010002, 19010000, 1117648, 1117256, 1117249, 1117238

Servicing: Caterpillar

B+ 7/16« UNC, Pulley w/o, Fan EF  
Replacing: 25SI. B+ terminal 7/16«. One wire system.

B: 14.10 C: 101.50 mm


**110611** Alternator 14 V, 44 Amp.

Replacing: 19025037

Servicing: Allis Chalmers, Fiat, Seat

B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130613.

A: 46.00 B: 17.00 C: 61.00 mm

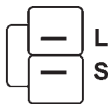

**110612** Alternator 14 V, 43 Amp.

Replacing: 19025786, 19025761, 19025066

Servicing: Bertone, Fiat, Lancia, Zastava

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.45 B: 23.15 C: 73.00 mm


**110659** Alternator 14 V, 75 Amp.

Replacing: 10463728

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.15 B: 13.00 C: 55.00 mm


**110682** Alternator 14 V, 70 Amp.

Replacing: 321-523, 10479805, 10463267

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 89.70 B: 58.00 mm

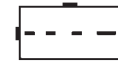

**110703** Alternator 14 V, 55 Amp.

Replacing: 10463734

Servicing: Nissan, Subaru

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.66 B: 13.00 C: 80.25 mm


**110724** Alternator 14 V, 61/74 Amp.

Replacing: 321-409, 1102615, 1101483, 1101291, 1101176, 10479916, 10465016, 10463118

Servicing: Buick, Jeep

B+ M6, Pulley w/o, Fan EF

Replacing: CS121.

B: 51.00 mm


**110801** Alternator 28 V, 45 Amp.

Replacing: 321-665, 321-660, 1117655, 1117650, 1117647, 1117645, 1117644, 1117643, 1117642, 1117640, 1117623

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

B+ 1/4« UNF, Terminal W, Pulley w/o, Fan EF

B: 14.80 C: 100.00 mm


**110802** Alternator 14 V, 75 Amp.

Replacing: 10463807

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

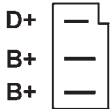
A: 35.00 B: 13.25 C: 77.60 mm


**110890** Alternator 14 V, 55 Amp.

Replacing: 19025046  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 B+ M6, Pulley w/o, Fan w/o  
 B: 17.00 C: 63.00 mm


**110912** Alternator 14 V, 55 Amp.

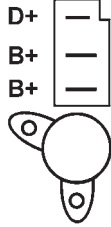
Replacing: 19025067, 19025056, 19025049  
 Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 44.50 B: 16.40 C: 66.00 mm


**110913** Alternator 14 V, 70 Amp.

Replacing: 19025071  
 Servicing: Audi, VW  
 B+ 9.40, Pulley w/o, Fan w/o  
 B: 56.00 mm


**110914** Alternator 14 V, 45 Amp.

Replacing: 3472220, 3472206, 3472065, 3472053, 220, 206, 065, 053  
 Servicing: Opel, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 84.63 B: 56.00 mm


**110923** Alternator 14 V, 55 Amp.

Replacing: 19025069  
 Servicing: Mercedes-Benz  
 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm


**110925#** Alternator 14 V, 45 Amp.

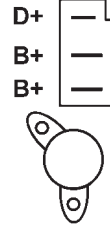
Replacing: 3472275, 3472058, 3472035, 3472032, 3472014, 058, 035, 032, 014  
 Servicing: Opel, Saab, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm


**110937** Alternator 14 V, 200 Amp.

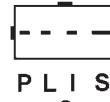
Replacing: 1117743, 1117735, 1117160, 1117148, 1117147, 10459016  
 Servicing: Cadillac, Caterpillar, International  
 B+ M8, Terminal W, Insulated return, Pulley w/o, Fan EF  
 B: 15.00 C: 98.20 mm


**110952** Alternator 28 V, 40 Amp.

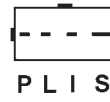
Replacing: 1105537, 1105510, 1103123, 1103031, 1102919, 1102918, 1101204  
 Servicing: Case, Fiat-Allis  
 B+ M5, Grooves 1, Pulley P, Fan EF  
 Replacing: 10SI.  
 A: 75.55 B: 50.70 mm


**110972** Alternator 14 V, 65 Amp.

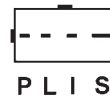
Replacing: 3472068, 3472067, 3472052, 3472050, 3471214, 068, 067, 052, 050  
 Servicing: Opel, Vauxhall  
 B+ Plug, Grooves 1, Pulley P, Fan EF  
 A: 87.90 B: 56.00 mm


**110984** Alternator 14 V, 100/105 Amp.

Replacing: 321-431, 1105689, 1105661, 1102631, 1102630, 1102629, 1101814, 1101636, 1101635, 1101634, 1101571  
 Servicing: Buick, Chevrolet, GMC  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.75 mm


**110985** Alternator 14 V, 100/105 Amp.

Replacing: 1101255, 1101254, 1101253  
 Servicing: Chevrolet, GMC, Pontiac  
 B+ 6.00, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.85 mm


**110986** Alternator 14 V, 100/105 Amp.

Replacing: 1101170, 1101167, 10463041, 10463037, 10463036, 10463035  
 Servicing: Jeep, MG  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.80 mm



**110991** Alternator 14 V, 55 Amp.

Replacing: 19025752

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 58.65 B: 27.00 C: 69.65 mm



**111032** Alternator 14 V, 50 Amp.

Replacing: 19025799

Servicing: Fiat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 55.85 B: 27.10 C: 69.60 mm



**111035** Alternator 14 V, 65 Amp.

Replacing: 19025789, 19025787, 19025051

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm



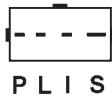
**111036** Alternator 14 V, 45 Amp.

Replacing: 19025791

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.80 B: 32.25 mm



**111090** Alternator 14 V, 105 Amp.

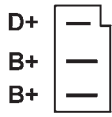
Replacing: 1101843, 1101601, 1101264, 1101127, 10463007

Servicing: Chevrolet, GMC, Oldsmobile

B+ M6, Pulley w/o, Fan EF

Replacing: CS130.

B: 51.00 mm



**111093** Alternator 14 V, 70 Amp.

Replacing: 19025070

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm



**111138** Alternator 14 V, 45 Amp.

Replacing: 19025045

Servicing: Fiat, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 46.35 B: 17.00 C: 63.00 mm



**111166** Alternator 14 V, 70 Amp.

Replacing: 739, 716, 714, 706, 639, 606, 604, 3493739, 3493716, 3493714, 3493639, 3493606, 3493604, 3493239

Servicing: Albin, Bedford, Lancia, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm



**111168** Alternator 14 V, 55 Amp.

Replacing: 719, 619, 3493719, 3493619, 3472208, 3472066, 3472051, 208, 066, 051

Servicing: Ferrari, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.00 B: 56.00 mm



**111169** Alternator 14 V, 70 Amp.

Replacing: 621, 3493721, 3493621, 3493220, 3472121, 3472120, 220, 121, 120, 1101551

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 85.00 B: 56.00 mm



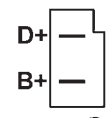
**111178** Alternator 14 V, 70 Amp.

Replacing: 734, 634, 3493734, 3493634, 3493234, 3472134, 234, 134

Servicing: Bedford, Land Rover, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 76.85 B: 56.00 mm



**111180** Alternator 14 V, 33 Amp.

Replacing: 19025063, 19025042

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 25.00 C: 74.00 mm



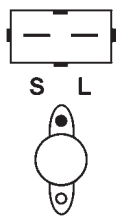

**111202#** Alternator 14 V, 85 Amp.

Replacing: 1102617, 1101259, 1101149, 1101148, 10479974, 10479920, 10479806, 10463367, 10463022, 10463021

Servicing: Chevrolet, GMC, Isuzu

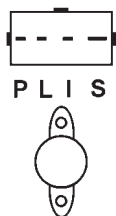
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 73.45 B: 51.10 mm


**111216** Alternator 14 V, 37 Amp.

Replacing: 19020507

Servicing: Thermo King

 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 51.00 mm

**111220** Alternator 14 V, 105 Amp.

Replacing: 1102607, 10479962, 10463214

Servicing: Buick, Chevrolet, Ford, Oldsmobile, Pontiac

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 72.15 B: 51.00 mm


**111223** Alternator 14 V, 105 Amp.

Replacing: 10480252, 10480190, 10480189, 10480072, 10480017, 10479991, 10463443, 10463408

Servicing: Chevrolet, GMC

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Replacing: CS130D.

A: 73.00 B: 51.00 mm


**111232** Alternator 14 V, 115 Amp.

Replacing: 19010212, 19010192, 19010189, 19010179, 19010176, 19010175, 19010174, 19010173, 19010172, 19010171

Servicing: International, Volvo

 B+ 1/4« UNF, Terminal W, Pulley w/o, Fan EF  
 Replacing: 21SI. One wire system, B+1/4«.

B: 14.30 C: 101.80 mm


**111250** Alternator 14 V, 42 Amp.

Replacing: 1105478, 1102496, 1102393, 1100915, 1100914, 1100912, 1100894, 1100577, 1100576

Servicing: Crusader, Mercruiser, OMC

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Replacing: 10SI. One wire system.

A: 74.95 B: 50.45 mm

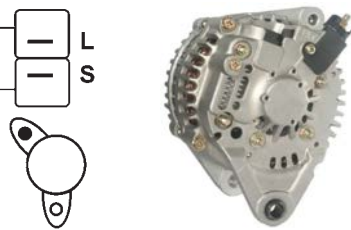
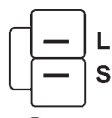

**111261** Alternator 28 V, 50 Amp.

Replacing: 321-698, 321-602, 19010020, 19010006, 19010001, 1117258, 1117253, 1117250, 1117248, 1117243

Servicing: Caterpillar

B+ 7/16« UNC, Pulley w/o, Fan EF

B: 14.10 C: 102.00 mm


**111264** Alternator 14 V, 80 Amp.

Replacing: 10464158

Servicing: Infiniti, Nissan

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 37.85 B: 25.45 C: 81.15 mm

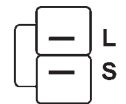

**111285** Alternator 14 V, 70 Amp.

Replacing: 10464174

Servicing: Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.30 B: 57.80 mm


**111308#** Alternator 14 V, 65 Amp.

Replacing: 219101

Servicing: Ford, Hyundai, Mazda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.00 B: 13.20 C: 66.20 mm


**111315** Alternator 14 V, 90 Amp.

Replacing: 10464165

Servicing: Ford, Mazda

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 37.65 B: 13.20 C: 66.45 mm


**111364** Alternator 14 V, 55 Amp.

Replacing: 3472021

Servicing: Ford, Rover

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm


**111388** Alternator 14 V, 100/105 Amp.

Replacing: 1105698, 1105694, 1101987, 1101846, 1101832, 1101697, 1101696, 1101694, 1101612, 10480137, 10480136

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 73.00 B: 51.00 mm

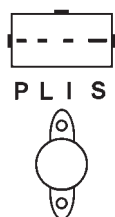

**111389** Alternator 14 V, 100/105 Amp.

Replacing: 1102603, 1102602, 1101606, 1101467, 1101466, 10480037, 10479897, 10479097, 10463344, 10463176

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 73.00 B: 51.00 mm


**111390**<sup>#</sup> Alternator 14 V, 100/105 Amp.

Replacing: 1101642, 10480035

Servicing: Buick, Oldsmobile, Pontiac

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 72.50 B: 50.80 mm

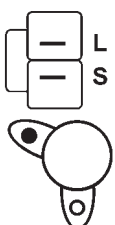

**111392**<sup>#</sup> Alternator 14 V, 105 Amp.

Replacing: 10480263, 10480237, 10480236, 10480119, 10480071, 10463405, 10463390

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 Replacing: CS130D.

A: 36.00 B: 14.00 C: 57.00 mm


**111406** Alternator 14 V, 110 Amp.

Replacing: 10463820

Servicing: Dodge, Hyundai, Mitsubishi

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 23.50 B: 17.25 C: 55.40 mm


**111418** Alternator 14 V, 55 Amp.

Replacing: 19025068

Servicing: Alfa Romeo, Fiat, Iveco

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.00 B: 17.00 C: 66.00 mm


**111426** Alternator 14 V, 100 Amp.

Replacing: 923, 824, 823, 409, 384, 3493927, 3493923, 3493824, 3493823, 3493409, 10480384, 10480222, 10479923

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.75 C: 56.00 mm

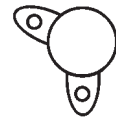

**111486**<sup>#</sup> Alternator 14 V, 105 Amp.

Replacing: 1101608, 1101475, 1101271, 10479938, 10479937, 10479898, 10463208, 10463177, 10463117

Servicing: Buick, Oldsmobile

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 73.00 B: 51.00 mm


**111514** Alternator 14 V, 100 Amp.

Replacing: 955, 914, 855, 814, 455, 454, 3493955, 3493914, 3493855, 3493815, 3493814, 3493455, 3493454

Servicing: Opel, Saab, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 52.00 B: 34.00 C: 56.00 mm

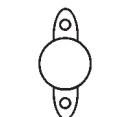

**111621** Alternator 14 V, 55 Amp.

Replacing: 19025076

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 57.50 B: 32.30 mm


**111647** Alternator 28 V, 60 Amp.

Replacing: 390087, 2191166

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

B+ M6, Pulley w/o, Fan EF

B: 15.00 C: 102.00 mm




**111654** Alternator 14 V, 65 Amp.

Replacing: 19025062, 19025059  
 Servicing: Fiat, Lancia  
 B+ M6, Pulley w/o, Fan EF  
 B: 16.00 C: 64.00 mm


**111656** Alternator 14 V, 45 Amp.

Replacing: 3472059, 3472048, 3472037,  
 3472026, 3472023, 059, 048, 037, 026, 023  
 Servicing: Bedford, Opel, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm


**111686** Alternator 14 V, 65 Amp.

Replacing: 19025060  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Lancia, Laverda  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm


**111708** Alternator 14 V, 85 Amp.

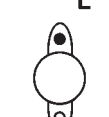
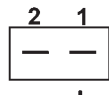
Replacing: 96252548, 96224432, 29219091,  
 219298, 219091, 10479999, 10479990  
 Servicing: Daewoo  
 B+ M6, Grooves 5, Pulley SP, Fan IF  
 A: 86.50 B: 50.50 mm


**111711** Alternator 14 V, 105 Amp.

Replacing: 10480087, 10480082, 10480069,  
 10463418, 10463413, 10463389  
 Servicing: Chevrolet, GMC  
 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 51.00 mm


**111712** Alternator 14 V, 105 Amp.

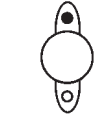
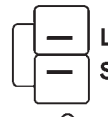
Replacing: 10480198, 10480168, 10480167,  
 10463940, 10463690, 10463652, 10463651  
 Servicing: Chevrolet, GMC  
 B+ M8, Pulley w/o, Fan IF  
 Replacing: CS130D.  
 B: 50.80 mm


**111713** Alternator 14 V, 105 Amp.

Replacing: 321-667, 1105609, 1105579,  
 1105560, 1105540, 1105539, 1105538,  
 1105536, 1105535, 1105418, 1102551  
 Servicing: Allis Chalmers, Case, Ford, John  
 Deere, New Holland  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 Replacing: 15SI.  
 A: 71.00 B: 50.70 mm


**111800** Alternator 14 V, 70 Amp.

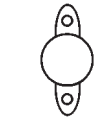
Replacing: 620, 3493620, 3472188, 3472070,  
 188, 1101199, 070  
 Servicing: Opel, Vauxhall  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan EF  
 A: 88.00 B: 56.00 mm


**111807** Alternator 14 V, 70 Amp.

Replacing: 10464388, 10464206  
 Servicing: Kia, Mazda  
 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 38.00 B: 13.50 C: 66.50 mm


**111833** Alternator 28 V, 140 Amp.

Replacing: 19025330  
 Servicing: Drögmöller, Mercedes-Benz, Setra  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm. Heavy duty type: Cargo  
 113589. 180 Amp.  
 B: 15.70 C: 180.00 mm

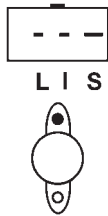

**111834** Alternator 28 V, 55 Amp.

Replacing: 1117252  
 Servicing: Scania  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 Heavy duty type: Cargo 112182. 80 Amp.  
 B: 80.00 mm


**111842** Alternator 28 V, 140 Amp.

Replacing: 19025333  
 Servicing: Ikarus, MAN, Mercedes-Benz,  
 Neoplan  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B- M8, shaft 30 mm.  
 B: 15.00 C: 180.00 mm



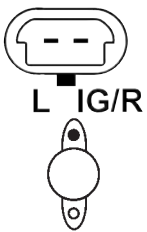

**111846** Alternator 14 V, 80 Amp.

Replacing: 96252551, 96252547, 96224431, 219187, 10490073, 10490000, 10480073, 10480000

Servicing: Daewoo

B+ M6, Pulley w/o, Fan EF

B: 13.00 C: 80.50 mm


**111847** Alternator 14 V, 65 Amp.

Replacing: 96380673, 219292, 219251, 219235, 219170

Servicing: Chevrolet, Daewoo

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 15.10 C: 65.30 mm


**111854** Alternator 14 V, 105 Amp.

Replacing: 1101644, 10480157, 10463624, 10463375

Servicing: Chevrolet, Pontiac

 B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.

A: 33.50 B: 11.70 C: 78.80 mm


**112056** Alternator 14 V, 70 Amp.

Replacing: 791, 741, 641, 3493791, 3493741, 3493641, 3493244, 3493230, 3472641, 3472152, 3472144, 3472130

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.50 B: 56.00 mm


**112076** Alternator 28 V, 80 Amp.

Replacing: 19025101

Servicing: Iveco, Renault V.I., Scania

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 27.00 C: 72.10 mm


**112097** Alternator 28 V, 30 Amp.

Replacing: 19025057, 19025044

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 73.00 mm


**112126<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: 1105665, 1105664, 1105663, 1105662, 1105612, 1101184, 10463006

Servicing: Chevrolet, GMC, Pontiac

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Replacing: CS130.

A: 75.50 B: 51.00 mm


**112159** Alternator 28 V, 80 Amp.

Replacing: 19025107, 19025100

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 80.40 mm


**112160** Alternator 28 V, 75 Amp.

Replacing: 19020391, 19020383, 19020382, 19020376, 19020346, 19020307, 19011192, 19010199, 19010195, 19010193

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

B+ M6, Pulley w/o, Fan EF

Replacing: 21SI. One wire system.

B: 14.25 C: 101.50 mm


**112165** Alternator 14 V, 75 Amp.

Replacing: DRX08378, 3493214, 215, 214, 10480215, 10480214

Servicing: Renault

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 46.70 B: 27.00 C: 66.50 mm


**112229** Alternator 14 V, 70 Amp.

Replacing: 947, 848, 847, 456, 3493848, 3493847, 10479947

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.50 B: 34.00 C: 59.00 mm


**112260** Alternator 14 V, 80 Amp.

Replacing: 321-603, 1105470, 1105469, 1105467, 1105465, 1105464, 1105463, 1105462, 1105460, 1102553, 1101289

Servicing: Allis Chalmers, Case, Chevrolet, Cummins, International, Volvo

B+ M5, Pulley w/o, Fan w/o

Replacing: 27SI. Negative grounding.

B: 12.60 C: 103.45 mm


**112261** Alternator 28 V, 60 Amp.

Replacing: 1117846, 1117838, 1117834, 1117831, 1117826, 1117805, 1117746, 1117734, 10461238, 10459057

Servicing: Caterpillar

B+ M8, Insulated return, Pulley w/o, Fan EF

Replacing: 30SI.

B: 14.00 C: 100.00 mm


**112262** Alternator 14 V, 90 Amp.

Replacing: 1117814, 1117744, 1117485, 1117484, 1117483, 1117481, 1117068, 1117067

Servicing: Cummins, Ford, Freightliner, International, Kenworth, Mack, Volvo

B+ M6, Pulley w/o, Fan EF

Replacing: 30SI. Neg. connection. 12/24V adapter.

B: 13.30 C: 101.60 mm


**112263<sup>#</sup>** Alternator 32 V, 50/60 Amp.

Replacing: 1117747, 1117733, 1117246, 1117237, 1117233, 10459325

Servicing: Caterpillar, Cummins

B+ M8, Insulated return, Pulley w/o, Fan EF

Replacing: 25SI.

B: 13.75 C: 102.45 mm


**112264** Alternator 14 V, 105 Amp.

Replacing: 1117816, 1117813, 1117812, 1117811, 1117809, 1117801

Servicing: Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, Volvo

B+ M6, Pulley w/o, Fan EF

Replacing: 30SI. Negative grounding.

B: 14.00 C: 101.60 mm


**112265** Alternator 28 V, 100 Amp.

Replacing: 1117836, 1117828, 1117817

Servicing: Cummins

B+ 1/4« UNF, Pulley w/o, Fan EF

Replacing: 30SI. Negative grounding.

B: 13.80 C: 101.10 mm


**112297** Alternator 14 V, 60 Amp.

Replacing: 219053

Servicing: Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 42.50 B: 13.10 C: 67.00 mm


**112303** Alternator 14 V, 80 Amp.

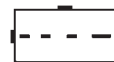
Replacing: 1105471, 1105468, 1105466, 1105461, 1100214, 1100088, 1100083, 1100082, 1100076, 1100075, 10463074

Servicing: Caterpillar, Cummins

B+ M6, Pulley w/o

Replacing: 27SI. Pos. ground.

B: 13.00 C: 102.00 mm



P L I S


**112337** Alternator 14 V, 105 Amp.

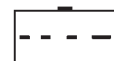
Replacing: 1105710, 1101582, 10479993

Servicing: Chevrolet, GMC

B+ M6, Grooves 4, Pulley SP, Fan EF

Replacing: CS130.

A: 73.80 B: 50.70 mm



P L F S


**112338** Alternator 14 V, 105 Amp.

Replacing: 1101629, 1101628, 1101620, 1101318, 1101317, 1101293, 10479922, 10479921, 10479808, 10479807

Servicing: Chevrolet, GMC

B+ M6, Pulley SP, Fan EF

Replacing: CS130.

B: 50.70 mm


**112416** Alternator 14 V, 100 Amp.

Replacing: 3493459, 3493225, 225, 10480225

Servicing: Holden, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 53.35 B: 33.50 C: 57.20 mm



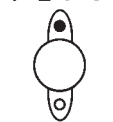
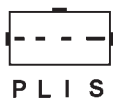
**112424** Alternator 28 V, 140 Amp.

Replacing: 19025339

Servicing: Scania

B+ M8, Pulley w/o, Fan EF  
B- M8, shaft 30 mm.

B: 15.50 C: 182.00 mm



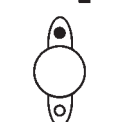
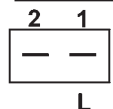
**112447** Alternator 14 V, 105 Amp.

Replacing: 1102644, 1101267, 1101266

Servicing: Dodge, Eagle

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 33.00 B: 12.90 C: 81.80 mm



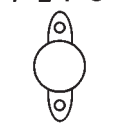
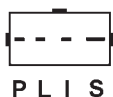
**112448** Alternator 14 V, 100 Amp.

Replacing: 334-2145, 321-136, 1972724,  
1105637, 1105577, 1105345, 1101435,  
1101178, 1101109, 1101091, 1101059

Servicing: Buick, Cadillac, Chevrolet, GMC,  
Oldsmobile, Pontiac

B+ 3/8« UNF, Pulley w/o, Fan w/o  
Replacing: 27SI. Negative grounding.

B: 20.45 C: 69.80 mm



**112449**<sup>#</sup> Alternator 14 V, 105 Amp.

Replacing: 1101292, 1101275, 1101229,  
1101186

Servicing: Chevrolet, Dodge, Eagle, GMC,  
Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 73.50 B: 51.00 mm



**112561** Alternator 28 V, 80 Amp.

Replacing: 19070058, 19070006, 19025113

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan EF  
B: 80.00 mm



**112613** Alternator 14 V, 105 Amp.

Replacing: 10480188, 10479981, 10463632,  
10463406

Servicing: Chevrolet, GMC, Oldsmobile

B+ M8, Grooves 6, Pulley SP, Fan IF  
Replacing: CS130D.

A: 73.00 B: 51.00 mm



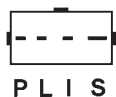
**112614** Alternator 14 V, 105 Amp.

Replacing: 10480187, 10479984, 10463407

Servicing: Chevrolet, GMC, Isuzu

B+ M8, Grooves 6, Pulley SP, Fan IF  
Replacing: CS130D.

A: 73.00 B: 51.00 mm



**112615** Alternator 14 V, 105 Amp.

Replacing: 321-1797, 321-1753, 10480378,  
10480307, 10480264, 10480262, 10480240,  
10480182, 10464409, 10464075

Servicing: Buick, Chevrolet, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan IF  
Replacing: CS130D.

A: 44.00 B: 15.35 C: 39.00 mm



**112616**<sup>#</sup> Alternator 14 V, 105 Amp.

Replacing: 10480078, 10463685

Servicing: Chevrolet

B+ M8, Grooves 5, Pulley SP, Fan IF  
Replacing: CS130D.

A: 72.00 B: 51.00 mm



**112621**<sup>#</sup> Alternator

Replacing: 1105722, 1101618, 1101346

Servicing: Buick, Cadillac, Chevrolet, GMC,  
Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130D.

A: 70.00 B: 51.00 mm



**112627** Alternator 14 V, 100/105 Amp.

Replacing: 1101637, 1101617, 1101616,  
1101521, 1101500

Servicing: Chevrolet, GMC, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 72.50 B: 50.90 mm



**112629** Alternator 14 V, 100/105 Amp.

Replacing: 321-503, 321-479, 321-452, 321-  
439, 321-339, 321-1016, 1105715, 1105711,  
1101647, 1101646, 1101645

Servicing: Buick, Cadillac, Chevrolet,  
Daewoo, GMC, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 73.50 B: 50.90 mm



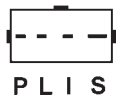

**112632<sup>#</sup>** Alternator 14 V, 100/105 Amp.

Replacing: 321-361, 321-323, 1101577, 1101273, 1101272, 1101181, 1101179, 1101146, 10463062, 10463025

Servicing: Chevrolet, GMC, Oldsmobile

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 72.00 B: 51.00 mm



P L I S

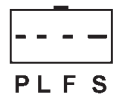

**112635<sup>#</sup>** Alternator 14 V, 100/105 Amp.

Replacing: 1105720, 1105718, 1101815, 1101807, 1101465

Servicing: Chevrolet, GMC

B+ M6, Pulley w/o, Fan EF  
Replacing: CS130.

B: 51.00 mm



P L F S


**112636** Alternator 14 V, 100/105 Amp.

Replacing: 1101310, 10463094

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 73.00 B: 50.70 mm



P L F S

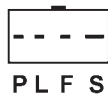

**112637<sup>#</sup>** Alternator 14 V, 100/105 Amp.

Replacing: 1101107, 1101101, 10463091, 10463088

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 73.00 B: 51.00 mm



P L F S


**112638<sup>#</sup>** Alternator 14 V, 100/105 Amp.

Replacing: 1102604, 1101650, 1101649, 1101577, 10480040, 10480027, 10479901, 10463345, 10463182, 10463167

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 74.00 B: 51.00 mm



P L F S


**112639** Alternator 14 V, 100/105 Amp.

Replacing: 10480094, 10480084, 10463424, 10463415

Servicing: Chevrolet, GMC, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 74.00 B: 50.90 mm



P L F S

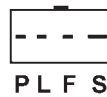

**112640** Alternator 14 V, 100/105 Amp.

Replacing: 1101633, 1101632, 1101111, 1101110, 10480099, 10480086, 10479997, 10479994, 10463425, 10463417

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
Replacing: CS130.

A: 72.00 B: 51.00 mm



P L F S


**112641** Alternator 14 V, 100/105 Amp.

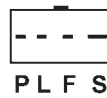
Replacing: 10479976

Servicing: Freightliner

B+ M6, Grooves 8, Pulley SP, Fan EF

Replacing: CS130.

A: 37.00 B: 12.00 C: 82.00 mm



P L F S


**112642<sup>#</sup>** Alternator 14 V, 100/105 Amp.

Replacing: 10480181, 10480025, 10463411

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS130.

A: 34.50 B: 11.70 C: 56.80 mm



P L F S


**112643<sup>#</sup>** Alternator 14 V, 100/105 Amp.

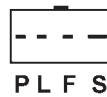
Replacing: 10480055, 10463604

Servicing: Chevrolet, Pontiac

B+ M6, Grooves 5, Pulley SP, Fan EF

Replacing: CS130.

A: 73.50 B: 50.90 mm



P L F S


**112644<sup>#</sup>** Alternator 14 V, 100/105 Amp.

Replacing: 10480091, 10480090, 10463422, 10463421

Servicing: GMC

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 73.50 B: 50.90 mm


**112657** Alternator 28 V, 60 Amp.

Replacing: 219072

B+ M6, Grooves 8, Pulley SP, Fan EF

A: 42.75 B: 14.85 C: 101.00 mm


**112665** Alternator 14 V, 100 Amp.

Replacing: 10480254, 10480251, 10464084

Servicing: Chevrolet, GMC, Isuzu, Oldsmobile

B+ M8, Fan IF

Replacing: CS130.

B: 50.80 mm

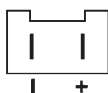

**112720** Alternator 14 V, 100 Amp.

Replacing: 922, 3493273, 273, 10480273

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 54.00 B: 33.40 C: 57.00 mm


**112751**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: 3472171, 3472170

Servicing: Renault

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.50 B: 27.00 C: 67.00 mm


**112775** Alternator 14 V, 70 Amp.

Replacing: 717, 706, 3493717, 3493706

Servicing: Mercedes-Benz, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 90.00 B: 55.90 mm


**112805** Alternator 14 V, 55 Amp.

Replacing: 704, 3493715, 3493704

Servicing: Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 88.50 B: 56.00 mm


**112824** Alternator 14 V, 145 Amp.

Replacing: 321-739, 19020806, 19020801, 19020377, 19020365, 19020364, 19020359, 19020358, 19020323, 19020303

Servicing: Freightliner, International, Kenworth, Mack

B+ 5/16« UNC, Terminal W, Pulley w/o, Fan EF

Replacing: 22SI. Negativ grounding. One wire system. R-Terminal universal. I-Terminal 10-24.

B: 14.10 C: 100.60 mm


**112834** Alternator 14 V, 145 Amp.

Replacing: 19020381, 19020379, 19020312, 19020310, 19020308, 19020306, 19020305, 10459472, 10459254, 10459217

Servicing: Ford, International

B+ 1/4« UNF, Terminal R, Pulley w/o, Fan EF

Replacing: 22SI. One wire system. B+ Terminal 1/4«-UNC. I-Terminal universal. R-Terminal 10-24.

B: 13.20 C: 101.50 mm


**112850** Alternator 14 V, 105 Amp.

Replacing: 321-1811, 321-1798, 321-1748, 10480388, 10480326, 10480229, 10464451, 10464438, 10464404

Servicing: Cadillac, Chevrolet, GMC

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: AD230.

A: 72.50 B: 50.60 mm


**112851**<sup>#</sup> Alternator 14 V, 125 Amp.

Replacing: 321-1801, 10480428, 10480368, 10464441, 10464406

Servicing: Buick

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: AD237.

A: 53.00 B: 74.30 C: 74.50 mm



S I L P



**112852<sup>#</sup>** Alternator 14 V, 125 Amp.

Replacing: 321-1739, 10480341, 10480327, 10464395

Servicing: Oldsmobile

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: AD237.

A: 52.00 B: 31.40 C: 75.40 mm



P L F S



**112853** Alternator 14 V, 130 Amp.

Replacing: 321-1749, 15768830, 15750871, 10754097, 10480390, 10480234, 10464405

Servicing: Buick, Cadillac, Chevrolet, GMC, Isuzu

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: AD244.

A: 71.70 B: 51.00 mm



P L F S



**112855<sup>#</sup>** Alternator 14 V, 61 Amp.

Replacing: 321-344, 1101168, 10463050

Servicing: Jeep

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS121.

A: 69.00 B: 50.75 mm



P L F S



**112858<sup>#</sup>** Alternator 14 V, 74 Amp.

Replacing: 321-424, 321-394, 1101565, 1101321, 10479816, 10463133, 10463103

Servicing: Buick, Pontiac

B+ M6, Grooves 5, Pulley SP, Fan EF

Replacing: CS121.

A: 72.00 B: 50.80 mm



P L F S



**112859<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: 321-1054, 10480067, 10463447

Servicing: Chevrolet

B+ M6, Grooves 5, Pulley SP, Fan EF

Replacing: CS121.

A: 72.50 B: 50.70 mm



L I G S



**112860** Alternator 14 V, 80 Amp.

Replacing: 321-1018, 10480096, 10480095, 10463398

Servicing: GEO, Toyota

B+ M6, Grooves 5, Pulley SP, Fan EF

Replacing: CS121.

A: 52.00 B: 28.00 C: 42.00 mm



S I L P



**112861** Alternator 14 V, 90 Amp.

Replacing: 321-1846, 21025339, 21025094, 21024727, 21024726, 21024486, 21024485, 21023969, 21022992, 10464477

Servicing: Saturn

B+ M6, Grooves 5, Pulley SP, Fan IF

Replacing: CS121D.

A: 37.00 B: 13.60 C: 79.10 mm



S I L P



**112867<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: 321-1768, 321-1434, 10480354, 10480351, 10480301, 10464420, 10464086

Servicing: Chevrolet, Oldsmobile, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 44.00 B: 20.00 C: 38.50 mm



S I L P



**112868** Alternator 14 V, 102 Amp.

Replacing: 321-1139, 10480184, 10463839

Servicing: Chevrolet, Oldsmobile, Pontiac

B+ M8, Grooves 5, Pulley SP, Fan IF

Replacing: CS130D.

A: 55.00 B: 74.00 C: 74.00 mm



P L F S



**112869** Alternator 14 V, 102 Amp.

Replacing: 321-1441, 10480332, 10480299, 10464401, 10464097

Servicing: Chevrolet, Oldsmobile

B+ M8, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 53.00 B: 74.00 C: 76.30 mm



P L I S



**112872<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: 321-1758, 10480336, 10480318, 10480317, 10464427, 10464424, 10464414

Servicing: Chevrolet

B+ M8, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 53.50 B: 74.00 C: 74.40 mm



P L F S



**112873** Alternator 14 V, 100 Amp.

Replacing: 321-1437, 321-1436, 321-1428, 321-1427, 10480366, 10480313, 10480311, 10480310, 10480297, 10480296

Servicing: Cadillac

B+ M6, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 71.75 B: 51.00 mm




**112874** Alternator 14 V, 140 Amp.

Replacing: 321-1747, 10480347, 10464403  
 Servicing: Chevrolet, Oldsmobile, Pontiac, Volvo

B+ M8, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 36.50 B: 13.70 C: 55.40 mm


**112875<sup>#</sup>** Alternator 14 V, 140 Amp.

Replacing: 321-1096, 10480077, 10463637  
 Servicing: Chevrolet, Oldsmobile, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 37.50 B: 13.70 C: 55.10 mm


**112877<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: 321-411, 321-386, 321-325, 1101604, 1101454, 1101349, 1101183, 10463120, 10463095, 10463027

Servicing: Buick, Cadillac, Chevrolet, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 72.00 B: 50.70 mm


**112878<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: 321-362, 321-324, 1101274, 1101250, 1101182, 10463063, 10463026

Servicing: Buick, Oldsmobile, Pontiac

B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 71.55 B: 51.00 mm


**112880** Alternator 14 V, 120 Amp.

Replacing: 321-367, 321-275, 1105657, 1101518, 1101329, 1101296, 1101239, 10497111, 10463069

Servicing: Cadillac

B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 79.00 B: 51.00 mm


**112882<sup>#</sup>** Alternator 14 V, 140 Amp.

Replacing: 321-481, 1101578, 10480008, 10463189

Servicing: Cadillac

B+ M6, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 78.45 B: 51.00 mm


**112883<sup>#</sup>** Alternator 14 V, 140 Amp.

Replacing: 321-581, 321-482, 321-1050, 1101579, 10480116, 10480009, 10463442, 10463295, 10463190

Servicing: Cadillac

B+ M8, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 79.00 B: 50.70 mm


**112884** Alternator 14 V, 140 Amp.

Replacing: 321-594, 10480201, 10479891, 10463678, 10463338

Servicing: Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 73.00 B: 50.75 mm


**112885<sup>#</sup>** Alternator 14 V, 140 Amp.

Replacing: 321-582, 321-507, 1102625, 1101580, 10480010, 10463296, 10463216

Servicing: Buick, Oldsmobile, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 74.00 B: 51.00 mm


**112886** Alternator 14 V, 140 Amp.

Replacing: 321-1006, 10479995, 10463377

Servicing: Cadillac

B+ M8, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.

A: 73.00 B: 51.00 mm


**112888** Alternator 14 V, 140 Amp.

Replacing: 321-1056, 10480203, 10480111, 10463680, 10463523

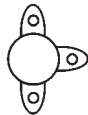
Servicing: Pontiac

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 72.75 B: 51.00 mm



PLFS


**112892<sup>#</sup>** Alternator 14 V, 124 Amp.

Replacing: 321-1093, 10480135, 10463634

Servicing: Buick, Oldsmobile, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 77.35 B: 51.00 mm



PLFS


**112893** Alternator 14 V, 140 Amp.

Replacing: 321-1429, 321-1134, 321-1095,

10480255, 10480206, 10480130, 10464081,

10463692, 10463636

Servicing: AM General, Cadillac, Chevrolet,

GMC

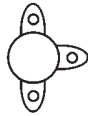
B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 73.50 B: 50.50 mm



PLFS


**112894<sup>#</sup>** Alternator 14 V, 140 Amp.

Replacing: 321-1425, 10480279, 10480204,

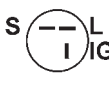
10464077

Servicing: Buick

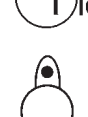
B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 79.50 B: 50.80 mm



S L IG


**112977** Alternator 14 V, 60 Amp.

Replacing: 10464209

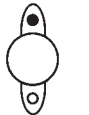
Servicing: Honda, Isuzu

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 91.50 B: 57.50 mm



PLFS


**112980** Alternator 14 V, 140 Amp.

Replacing: 321-1426, 321-1131, 10480282,

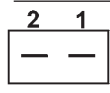
10480177, 10464078, 10463689

Servicing: Oldsmobile

B+ M8, Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 71.85 B: 51.00 mm



2 1 L


**112988** Alternator 14 V, 120 Amp.

Replacing: 1105690, 1105658, 1105499,

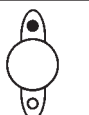
1101290, 1101215, 10479915

Servicing: GMC

B+ M6, Grooves 1, Pulley P, Fan EF

Replacing: CS144.

A: 76.35 B: 51.00 mm


**112989** Alternator 14 V, 60 Amp.

Replacing: 321-666, 1117641, 1117628,

1117621, 1117620, 1117618, 1117613,

1117612, 1117611, 10459200, 10459020

Servicing: Caterpillar, Chevrolet, Cummins,

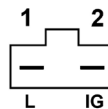
International, Mack, Massey Ferguson

B+ M8, Terminal W, Pulley w/o, Fan IF

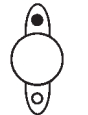
Replacing: 20SI. Negative grounding. One

wire system. B+ 1/4«.

B: 14.85 C: 101.65 mm



1 2 L IG


**112991** Alternator 14 V, 130 Amp.

Replacing: 321-677, 1117928, 1117908,

1117904, 1117899, 1117896, 10459049,

10459028

Servicing: Caterpillar, Chevrolet, GMC,

Various

B+ 5/16« UNC, Terminal W, Pulley w/o,

Fan EF

Replacing: 20SI. Negative grounding. Three

wire system. B+ 5/16«.

B: 15.45 C: 101.55 mm


**112992** Alternator 28 V, 70 Amp.

Replacing: 1117915

Servicing: Fiat-Allis

B+ M8, Pulley w/o, Fan EF

Replacing: 20SI. Negative grounding. Three

wire system. B+ 5/16«.

B: 15.75 C: 101.55 mm


**112993** Alternator 14 V, 130 Amp.

Replacing: 19010166, 19010163, 19010162,

19010161, 19010160, 19010159, 19010158,

19010157, 19010154, 19010137

Servicing: Cummins, Ford, International,

Volvo

B+ 1/4« UNF, Terminal W, Pulley w/o,

Fan EF

Replacing: 21SI. Negative grounding. One

wire system. B+ 1/4«.

B: 14.20 C: 101.50 mm


**112994** Alternator 14 V, 100 Amp.

Replacing: 19010181, 19010105, 19010101, 1117905, 1117892, 1117890, 1117887, 1117886, 1117885, 10459301

Servicing: Cummins, Ford, International, Volvo

B+ 5/16« UNC, Pulley w/o, Fan EF  
Replacing: 21SI. Negative grounding. Three wire system. B+ 5/16«.

B: 13.60 C: 100.80 mm

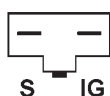

**112995** Alternator 14 V, 145/160 Amp.

Replacing: 19010202, 19010168, 19010139, 19010128, 19010127, 19010126, 19010115, 1117964, 1117963, 1117934

Servicing: Kenworth, Mack

B+ M8, Pulley w/o, Fan EF  
Replacing: 21SI. Negative grounding. Three wire system. B+ 5/16«.

B: 14.00 C: 101.00 mm


**112996** Alternator 14 V, 115/130 Amp.

Replacing: 321-687, 19010207, 19010196, 19010191, 19010188, 19010187, 19010170, 19010150, 19010147, 19010145

Servicing: Caterpillar, Ford, Freightliner, John Deere, Kenworth, Mack, New Holland, Volvo

B+ M8, Pulley w/o, Fan EF  
Replacing: 20SI. Negative grounding. One wire system. B+ 1/4«.

B: 14.55 C: 100.50 mm


**112998** Alternator 14 V, 85 Amp.

Replacing: A-1442, 321-707, 321-700, 19010019, 19010014, 19010011, 19010009, 19010005, 19010003, 1117280

Servicing: Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, Volvo

B+ M8, Pulley w/o, Fan EF  
Replacing: 26SI. Negative grounding.

B: 14.00 C: 101.25 mm


**113001** Alternator 14 V, 110 Amp.

Replacing: 321-734, 321-733, 1901160, 1901158, 19011174, 19011162, 19011160, 19011158, 19011154, 19011151

Servicing: Ford, Freightliner, International, Kenworth, Volvo

B+ 5/16« UNF, Pulley w/o, Fan EF  
Replacing: 33SI. Negative grounding. One wire system. B+ terminal 1/4«.

B: 14.25 C: 101.00 mm


**113002** Alternator 14 V, 135 Amp.

Replacing: 321-732, 321-731, 19011173, 19011171, 19011163, 19011161, 19011159, 19011156, 19011155, 19011152

Servicing: International, Kenworth, Mack, Volvo

B+ 1/4« UNF, Pulley w/o, Fan EF  
Replacing: 33SI. Negative grounding. One wire system. B+ terminal 1/4«.

B: 14.00 C: 101.25 mm


**113003** Alternator 14 V, 110 Amp.

Replacing: 321-735, 19011213, 19011169, 19011157, 10459184, 10459145

B+ M8, Terminal W, Pulley w/o, Fan EF  
Replacing: 34SI. Negative grounding. One wire system.

B: 14.20 C: 100.00 mm


**113005<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: 321-1130, 10480170, 10464090, 10463688

Servicing: Chevrolet, GMC

B+ M8, Grooves 6, Pulley SP, Fan IF  
Replacing: CD130D.

A: 72.55 B: 50.93 mm


**113066<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: 10464146

Servicing: Chrysler, Dodge, Eagle, Plymouth

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 34.00 B: 12.60 C: 54.00 mm


**113074<sup>#</sup>** Alternator 14 V, 65 Amp.

Replacing: 10464052

Servicing: Acura, Honda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 90.60 B: 58.35 mm




**113077** Alternator 14 V, 70 Amp.

Replacing: 10463753

Servicing: Toyota, VW

B+ M6, Grooves 1, Pulley P, Fan IF

A: 92.60 B: 58.75 mm


**113083**<sup>#</sup> Alternator 14 V, 60 Amp.

Replacing: 10464164

Servicing: Toyota

B+ M6, Grooves 1, Pulley P, Fan IF

A: 93.00 B: 58.60 mm


**113155**<sup>#</sup> Alternator 14 V, 130 Amp.

Replacing: 19020361, 19020356, 19020309, 10459360, 10459216

B+ 1/4« UNC, Terminal W, Pulley w/o, Fan EF

Replacing: 22SI.

B: 13.10 C: 101.50 mm


**113159**<sup>#</sup> Alternator 14 V, 105 Amp.

Replacing: 321-1765, 10480228, 10464417, 10463963

Servicing: Acura, Honda

B+ M6, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 81.50 B: 45.60 mm


**113160**<sup>#</sup> Alternator 14 V, 105 Amp.

Replacing: 321-1048, 10480043, 10463440

Servicing: Buick, Oldsmobile, Pontiac

B+ M8, Grooves 6, Pulley SP, Fan IF

Replacing: CS130D.

A: 72.50 B: 50.80 mm


**113162**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 10464035

Servicing: Acura

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 89.50 B: 57.80 mm

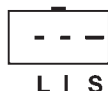

**113349** Alternator 14 V, 85 Amp.

Replacing: 96404010, 219202, 219138

Servicing: Daewoo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 36.00 B: 13.00 C: 81.50 mm

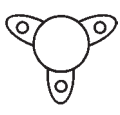

**113350** Alternator 14 V, 85 Amp.

Replacing: 219139

Servicing: Chevrolet, Daewoo

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 36.00 B: 13.20 C: 81.30 mm


**113351** Alternator 28 V, 100 Amp.

Replacing: 19070016, 19070015, 19070014, 19070009, 19070008, 19070007

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 80.00 mm


**113376** Alternator 14 V, 55 Amp.

Replacing: 3493204, 3472204, 3472104, 3472061, 3472049, 3472039, 3472038, 3472024, 3472022

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.60 B: 56.20 mm


**113432** Alternator 14 V, 145/160 Amp.

Replacing: 321-688, 19010156, 1117952, 1117948, 1117933, 1117924, 1117916, 10459051, 10459050

Servicing: International, Kenworth, Mack, Renault, Volvo

 B+ M6, Terminal W, Pulley w/o, Fan EF  
 Replacing: 21SI. Negative grounding. One wire system. B+ 1/4«.

B: 14.30 C: 101.20 mm



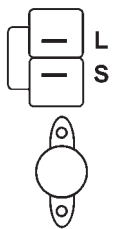
**113448** Alternator 28 V, 100 Amp.  
 Replacing: 19025112, 19025111, 19025110, 19025109  
 Servicing: Mercedes-Benz  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 80.00 mm



**113457** Alternator 28 V, 60 Amp.  
 Replacing: 390049, 219055  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 65.75 B: 15.00 C: 101.00 mm



**113458** Alternator 28 V, 60 Amp.  
 Replacing: 390050, 219051  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF  
 A: 45.25 B: 15.00 C: 101.00 mm



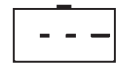
**113463<sup>#</sup>** Alternator 14 V, 100 Amp.  
 Replacing: 10464153  
 Servicing: Mazda  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 36.00 B: 13.00 C: 67.00 mm



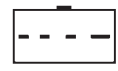
**113495<sup>#</sup>** Alternator 14 V, 110 Amp.  
 Replacing: 10464313  
 Servicing: Acura  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 90.25 B: 58.00 mm



**113496<sup>#</sup>** Alternator 14 V, 110 Amp.  
 Replacing: 10464351  
 Servicing: Acura  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 90.30 B: 56.00 mm



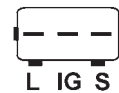
**113498** Alternator 14 V, 80 Amp.  
 Replacing: 96404011, 96341300, 96255115, 96252115, 96206871, 219199, 219137  
 Servicing: Chevrolet, Daewoo, Lancia  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 50.65 B: 33.65 C: 58.60 mm



**113502<sup>#</sup>** Alternator 14 V, 124 Amp.  
 Replacing: 321-1065, 1101818  
 Servicing: Chevrolet  
 B+ M8, Grooves 6, Pulley SP, Fan EF  
 Replacing: CS144.  
 A: 71.90 B: 51.15 mm



**113579** Alternator 14 V, 145 Amp.  
 Replacing: 19020889, 19020804, 19020803, 19020389, 19020388, 19020387, 10459321, 10459320, 10459318  
 Servicing: International, Kenworth, Mack, Volvo  
 B+ 5/16x UNC, Terminal W, Pulley w/o, Fan EF  
 Replacing: 22SI.  
 B: 80.00 C: 108.00 mm



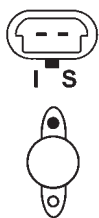
**113626<sup>#</sup>** Alternator 14 V, 90 Amp.  
 Replacing: 10464205  
 Servicing: Toyota  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 45.00 B: 25.00 C: 43.00 mm



**113685** Alternator 14 V, 70 Amp.  
 Replacing: 19020609, 19020601  
 Servicing: Mercury  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 16.80 C: 65.20 mm

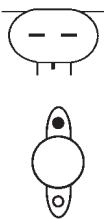


**113691** Alternator 14 V, 70 Amp.  
 Replacing: 19020616  
 Servicing: Crusader, Hyster  
 B+ M6, Terminal W, Grooves 2, Pulley DP, Fan IF  
 A: 76.75 B: 50.75 mm



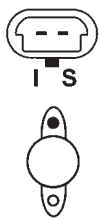
**113692** Alternator 14 V, 70 Amp.

Replacing: 19020608  
 Servicing: Crusader  
 B+ M6, Terminal W, Grooves 1,  
 Pulley P, Fan IF  
 A: 77.00 B: 50.80 mm



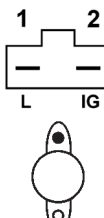
**113693** Alternator 14 V, 70 Amp.

Replacing: 19020614  
 Servicing: Crusader, Hyster  
 B+ M6, Terminal W, Grooves 2,  
 Pulley DP, Fan IF  
 A: 76.65 B: 50.80 mm



**113694** Alternator 14 V, 70 Amp.

Replacing: 19020615, 19020606  
 Servicing: Hyster  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 72.50 B: 50.80 mm



**113711**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: 1105457, 10459509  
 Servicing: American Motors, Chevrolet  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 75.40 B: 51.00 mm



**113724**<sup>#</sup> Alternator 28 V, 30 Amp.

Replacing: 1100061  
 Servicing: Allis Chalmers, Atlas Copco,  
 Caterpillar, Fiat-Allis  
 Pulley w/o, Fan w/o  
 Regulator: Cargo 233252.  
 B: 14.00 C: 101.35 mm



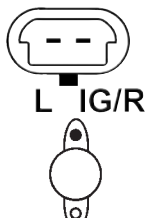
**113771** Alternator 14 V, 190 Amp.

Replacing: 10480407  
 Servicing: Mercedes-Benz, VW  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 Water cooled.  
 A: 30.50 B: 93.45 C: 56.75 mm



**113777** Alternator 14 V, 145 Amp.

Replacing: 15754097M, 15754097, 15226003  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 72.46 B: 50.91 mm



**114114** Alternator 14 V, 65 Amp.

Replacing: 96567255, 96566262, 96380673,  
 219292, 219251, 219235, 219170  
 Servicing: Chevrolet  
 B+ M6, Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 14.35 C: 66.00 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114141**<sup>\*</sup> Alternator 14 V, 150 Amp.

Replacing: 15162839, 15062413, 10464468  
 Servicing: Chevrolet, GMC, Isuzu,  
 Oldsmobile, Saab  
 Pulley SP, Fan IF

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114172** Alternator 14 V, 65 Amp.

Replacing: 19020600  
 Servicing: Mercury  
 B+ M6, Grooves 1, Pulley SP  
 A: 42.00 B: 15.00 C: 64.50 mm



**114271** Alternator 28 V, 75 Amp.

Replacing: 8600479, 19011195, 19011191,  
 19011189, 10459353  
 Servicing: Caterpillar  
 B+ M6, Terminal W, Insulated return,  
 Pulley w/o  
 Replacing 34SI.  
 B: 14.20 C: 100.00 mm



**114351** Alternator 14 V, 200 Amp.

Replacing: 8600313  
 Servicing: Caterpillar, Cummins,  
 International  
 B+ M8, Pulley w/o, Fan IF  
 B: 14.00 C: 101.20 mm





**114359** Alternator 14 V, 170 Amp.

Replacing: 8700047, 8700040, 8700039,  
8600203, 8600178, 8600171, 8600127,  
8600073, 8600060, 8600055, 8600015

Servicing: Sterling, Volvo

B+ 3/16« UNF, Pulley w/o, Fan EF

B: 80.00 C: 126.00 mm



**114431** Alternator 14 V, 120 Amp.

Replacing: 8000004, 18000004

Servicing: Alfa Romeo, Fiat, Holden, Opel,  
Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 64.70 B: 23.00 C: 57.20 mm



**110639** Alternator 14 V, 36 Amp.

Replacing: DM91134, DM1132, DM1130

Servicing: Allis Chalmers, Fiat-Allis

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130017.

A: 91.00 B: 60.75 mm



**114423** Alternator 28 V, 55 Amp.

Replacing: 0201-102-3015

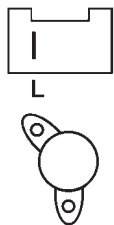
Servicing: Hino

B+ M6, Grooves 2, Pulley DP, Fan EF

A: 51.00 B: 14.00 C: 85.47 mm

---

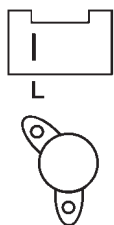



**110048** Alternator 14 V, 35 Amp.

Replacing: 71473902(2), 71473802, 71470602, 71470402, 71427012, 71427002, 71273402, 70229002

 Servicing: Farymann, Renault, Volvo Penta  
 B+ M6, Insulated return, Pulley w/o, Fan EF

B: 51.00 mm


**110052** Alternator 28 V, 40 Amp.

Replacing: 71543002, 71491002, 71490802, 71490702, 71490502, 71340002, 71249002

 Servicing: Baudouin, DAF, Volvo Penta  
 B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 50.75 mm


**110112** Alternator 28 V, 40 Amp.

Replacing: 71554102

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm


**110127** Alternator 14 V, 70 Amp.

Replacing: 71523102, 71523002, 71473602, 71470502, 71470302, 71430402, 71429802, 71429702, 71427302, 71427102

 Servicing: Farymann, Volvo Penta  
 B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 79.00 B: 51.00 mm


**110745** Alternator 14 V, 40 Amp.

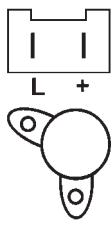
Replacing: 71229002, 71226802, 26650

Servicing: Peugeot

B+ M6, Terminal DF, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130679.

A: 49.00 B: 27.00 C: 66.20 mm

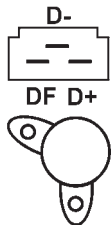

**110754<sup>#</sup>** Alternator 14 V, 55 Amp.

Replacing: 71651902

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 98.90 B: 56.00 mm

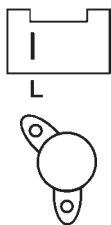

**110887** Alternator 14 V, 45 Amp.

Replacing: 71271402, 71270702, 71212702

Servicing: Alfa Romeo, Renault

 B+ M6, Grooves 1, Pulley P, Fan EF  
 Regulator: Cargo 130675.

A: 51.20 B: 27.00 mm


**110897<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: 71653102, 71652002

Servicing: Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 62.00 B: 27.00 mm


**110916** Alternator 14 V, 40 Amp.

Replacing: 71636402

Servicing: Citroen, Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.00 B: 40.00 mm


**110931** Alternator 14 V, 70 Amp.

Replacing: 71233002

Servicing: Porsche

B+ M6, Pulley w/o, Fan w/o

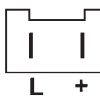

**111139** Alternator 14 V, 75 Amp.

Replacing: 71236002

Servicing: Audi, Porsche, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 82.30 B: 56.00 mm

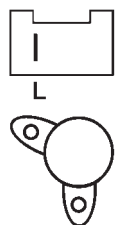

**111144** Alternator 14 V, 70 Amp.

Replacing: 71770202, 71770102

Servicing: Citroen, Renault, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.15 B: 27.00 C: 64.80 mm



**111155<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: 71653202, 71652102

Servicing: Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 65.00 B: 27.00 C: 66.00 mm



**111226** Alternator 14 V, 55 Amp.

Replacing: 71314202

Servicing: Hatz

B+ M6, Pulley w/o, Fan w/o



**111397** Alternator 14 V, 45 Amp.

Replacing: 70230502, 70230302, 70230202,  
70230002, 70229802, 70229602, 70229502,  
70229102

Servicing: BUKH, Volvo Penta

B+ M6, Terminal W, Grooves 1,  
Insulated return, Pulley P, Fan EF

A: 74.20 B: 50.70 mm



**112230** Alternator 14 V, 90 Amp.

Replacing: 71716600

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.20 C: 69.20 mm



**113376** Alternator 14 V, 55 Amp.

Replacing: 6020940MO30SM

Servicing: Bedford, Lancia, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1,

Pulley P, Fan EF

A: 76.60 B: 56.20 mm

---



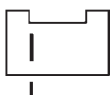

**110043** Alternator 28 V, 45 Amp.

Replacing: A13R214

Servicing: Hanomag, Pegaso, Renault V.I., Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm



L


**110048** Alternator 14 V, 35 Amp.

Replacing: A13N57M, A13N3M, 2927750

Servicing: Farymann, Renault, Volvo Penta

B+ M6, Insulated return, Pulley w/o, Fan EF

B: 51.00 mm



L


**110052** Alternator 28 V, 40 Amp.

Replacing: A13N270, 2937130

Servicing: Baudouin, DAF, Volvo Penta

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 50.75 mm


**110076** Alternator 28 V, 55 Amp.

Replacing: A14R33, A14N39, A14N133, 2960250

Servicing: Pegaso, Scania

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm

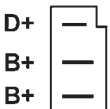

**110077** Alternator 14 V, 50 Amp.

Replacing: 2927990

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

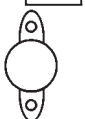
A: 78.50 B: 56.00 mm



D+

B+

B+


**110107** Alternator 14 V, 55 Amp.

Replacing: 9AR2725

Servicing: Massey Ferguson

B+ 6.30, Pulley w/o, Fan w/o

B: 27.00 mm


**110112** Alternator 28 V, 40 Amp.

Replacing: 2939210, 2937390

Servicing: Volvo, Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 51.00 mm


**110113** Alternator 28 V, 27 Amp.

Replacing: 310426

Servicing: Mercedes-Benz

B+ M6, Pulley w/o, Fan EF

B: 80.00 mm


**110116** Alternator 28 V, 35 Amp.

Replacing: A13N33

Servicing: DAF, Ford, MAN

B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110117** Alternator 28 V, 40 Amp.

Replacing: 2960120

Servicing: Iveco, Magirus-Deutz, Steyr

B+ M6, Pulley w/o, Fan EF

B: 56.00 mm


**110127** Alternator 14 V, 70 Amp.

Replacing: 510819, 2927120

Servicing: Farymann, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 79.00 B: 51.00 mm



R

L


**110140** Alternator 14 V, 50 Amp.

Replacing: A13N93, A13N26

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M5, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 47.00 mm



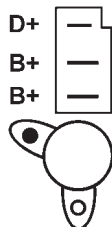
**110163** Alternator 28 V, 45 Amp.

Replacing: A13N5T, A13N56M, A13N4T, A13N283M, A13N283, A13N22T, A13N229T, A13N140T, A13N140, 2938680, 2541777

Servicing: Renault V.I.

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 48.75 B: 27.25 C: 67.50 mm



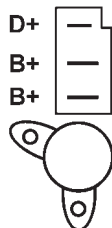
**110178** Alternator 14 V, 36 Amp.

Replacing: 29409930, 2523234

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

B+ 9.40, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm



**110357** Alternator 14 V, 55 Amp.

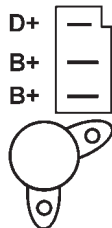
Replacing: 2925060, 2925000

Servicing: Alfa Romeo, American Motors, Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

Fan: Cargo 133875.

B: 56.00 mm



**110358** Alternator 14 V, 55 Amp.

Replacing: 2950281, 2541264

Servicing: Mercedes-Benz, Seat

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 77.50 B: 56.00 mm



**110540** Alternator 14 V, 55 Amp.

Replacing: TA0B09601, M40473, M34377, AR150DA, AR150CA, AC155907, AC155515, AC155513, A0B09601, A000B0431

Servicing: Bobcat, OMC

B+ 1/4« UNC, Terminal W, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 50.50 mm



**110618** Alternator 14 V, 50 Amp.

Replacing: A11VI42, A11VI37, A11VI10, 2541718, 2541677, 2541299A, 2541299

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 56.00 mm



**110619** Alternator 14 V, 70 Amp.

Replacing: A11VI55, A11VI43, A11VI11, 2541763D, 2541763C, 2541763A, 2541763, 2541719, 2541298A, 2541298

Servicing: Citroen, Peugeot

B+ M8, Grooves 1, Pulley P, Fan IF

A: 95.00 B: 57.10 mm



**110659** Alternator 14 V, 75 Amp.

Replacing: TA000A15101, M36881, AB175053, AB175015, A000A003

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.15 B: 13.00 C: 55.00 mm



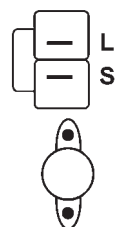
**110660** Alternator 14 V, 65 Amp.

Replacing: M36880, AB165014, A000A002

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.25 B: 13.25 C: 55.00 mm



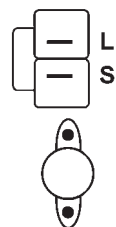
**110663** Alternator 14 V, 60 Amp.

Replacing: TA000A11001, M40546

Servicing: Ford, Kia, Mazda, Mercury

B+ M6, Terminal W, Grooves 1, Pulley P, Fan IF

A: 41.75 B: 13.15 C: 66.60 mm



**110664** Alternator 14 V, 70 Amp.

Replacing: TA000B16701

Servicing: Ford, Mazda

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF

A: 43.50 B: 13.10 C: 66.10 mm



**110666** Alternator 14 V, 60 Amp.

Replacing: TA000A47001

Servicing: Eagle, Mitsubishi, Plymouth

B+ M5, Grooves 4, Pulley SP, Fan IF

A: 38.50 B: 13.00 C: 48.10 mm


**110694** Alternator 14 V, 40 Amp.

Replacing: M35529, APR140AA, 2EA0629

Servicing: Nissan

B+ M6, Grooves 1, Pulley P, Fan EF

A: 42.00 B: 13.10 C: 80.45 mm


**110699** Alternator 14 V, 50 Amp.

Replacing: M36710, AD155325, A000B015

Servicing: Ford, Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 50.90 B: 13.00 C: 80.25 mm


**110706** Alternator 14 V, 60 Amp.

Replacing: M36709, APR155BA, AD160209,

AD155326, A000B016, 582783, 2EA0411

Servicing: Ford, Kia, Mazda

B+ M5, Grooves 1, Pulley P, Fan EF

A: 50.75 B: 12.85 C: 80.05 mm


**110743** Alternator 14 V, 30 Amp.

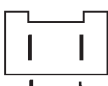
Replacing: A12R56, A11M6, A11M5, A11M4,
 A11M12, A11M11, 310231Z, 310221W,
 310058L

Servicing: Citroen

B+ M6, Grooves 1, Pulley P, Fan EF

Regulator: Cargo 130679.

A: 61.00 B: 40.00 mm


**110744#** Alternator 14 V, 50 Amp.

Replacing: A13R222, A13R221, A13N14,
 A13N13, 2541464

Servicing: DAF, Renault, Volvo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.25 B: 26.58 C: 65.75 mm


**110745** Alternator 14 V, 40 Amp.

Replacing: A13R95, A13R38, A13R22,

A13R170, A13R157, A13R15, A13N135,

A12R223, A12R21

Servicing: Peugeot

B+ M6, Terminal DF, Grooves 1,

Pulley P, Fan EF

Regulator: Cargo 130679.

A: 49.00 B: 27.00 C: 66.20 mm


**110754#** Alternator 14 V, 55 Amp.

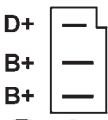
Replacing: A13R258, A13N20, A13N150,

A13N114, A13N113

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 98.90 B: 56.00 mm


**110759** Alternator 14 V, 35 Amp.

Replacing: 592798, 2541452, 2541239

Servicing: Austin, Ford, Mercury

B+ 9.40, Grooves 1, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm


**110766** Alternator 28 V, 27 Amp.

Replacing: 2960150, 2523162

Servicing: Atlas Copco, Case, Deutz-Fahr,
 Iveco, KHD, Liebherr, Magirus-Deutz,
 Mercedes-Benz, Steyr

B+ M6, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm


**110769** Alternator 14 V, 70 Amp.

Replacing: A13N239, 2940426

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 27.10 C: 66.00 mm


**110801** Alternator 28 V, 45 Amp.

Replacing: A13R182

Servicing: Atlas Copco, Case, Caterpillar,
 Cummins, Fiat-Allis, International

B+ 1/4« UNF, Terminal W, Pulley w/o,
 Fan EF

B: 14.80 C: 100.00 mm


**110802** Alternator 14 V, 75 Amp.

Replacing: TA000B33801, TA000A34801,

M39589, AB175020, A000B0301

Servicing: Dodge, Eagle, Hyundai,
 Mitsubishi, Plymouth

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.00 B: 13.25 C: 77.60 mm

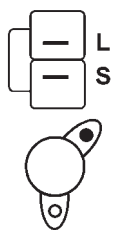




**110803<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: TA000B0261, M37589, AB190012, A000B0261

Servicing: Dodge, Hyundai, Kia, Mitsubishi  
B+ M6, Grooves 5, Pulley SP, Fan IF  
A: 23.80 B: 12.80 C: 55.00 mm



**110804** Alternator 14 V, 90 Amp.

Replacing: M39882, AB190119, AB190072, AB190025, A000B0441

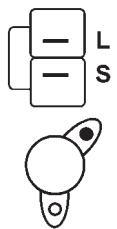
Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth  
B+ M6, Grooves 4, Pulley SP, Fan IF  
A: 34.85 B: 13.40 C: 77.40 mm



**110805** Alternator 14 V, 50 Amp.

Replacing: AD150413, 2EA0550A1

Servicing: Dodge, Mazda, Mitsubishi, Plymouth  
B+ M5, Grooves 1, Pulley P, Fan EF  
A: 45.30 B: 13.10 C: 54.20 mm



**110806** Alternator 14 V, 65 Amp.

Replacing: M04418, APR165AA, AD165309, 2EA0550D3

Servicing: Mitsubishi  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 44.40 B: 12.80 C: 56.30 mm



**110876<sup>#</sup>** Alternator 14 V, 65 Amp.

Replacing: 2950390

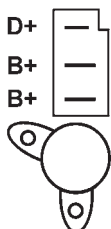
Servicing: BMW  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 75.85 B: 56.10 mm



**110877** Alternator 14 V, 65 Amp.

Replacing: 2941253

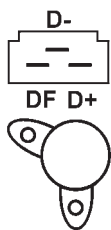
Servicing: BMW  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 74.45 B: 51.00 mm



**110880** Alternator 14 V, 45 Amp.

Replacing: 514002

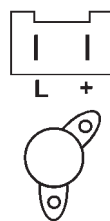
Servicing: Alfa Romeo  
B+ 9.40, Grooves 1, Pulley P, Fan EF  
A: 77.00 B: 56.00 mm



**110887** Alternator 14 V, 45 Amp.

Replacing: A13R121

Servicing: Alfa Romeo, Renault  
B+ M6, Grooves 1, Pulley P, Fan EF  
Regulator: Cargo 130675.  
A: 51.20 B: 27.00 mm



**110889** Alternator 14 V, 75 Amp.

Replacing: A14N4, A14N163, A14N144, 2541324, 2541204

Servicing: Renault, Renault V.I.  
B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
A: 57.90 B: 26.90 C: 69.00 mm



**110890** Alternator 14 V, 55 Amp.

Replacing: 2950500

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
B+ M6, Pulley w/o, Fan w/o  
B: 17.00 C: 63.00 mm



**110891** Alternator 14 V, 70 Amp.

Replacing: 2925330

Servicing: Ford, Land Rover, MG  
B+ M6, Terminal W, Pulley w/o, Fan w/o  
B: 11.30 C: 83.00 mm



**110895** Alternator 28 V, 55 Amp.

Replacing: 523161, 2940780, 2940778

Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong  
B+ M8, Terminal W, Pulley w/o, Fan EF  
B: 80.00 mm

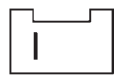

**110896<sup>#</sup>** Alternator 14 V, 55 Amp.

Replacing: 2940301, 2940300

Servicing: Mercedes-Benz, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 77.85 B: 56.00 mm


**110897<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: A13R267, A13N32, A13N118

Servicing: Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 62.00 B: 27.00 mm


**110902** Alternator 14 V, 45 Amp.

Replacing: 2940369, 2940308

Servicing: VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 99.00 B: 56.00 mm


**110905<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: A13N27, A13N210, A13N160, A13N137, 2541338, 2541331, 2541120, 2181727, 2181197

Servicing: Renault

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 46.40 B: 26.85 C: 66.20 mm


**110906** Alternator 28 V, 30 Amp.

Replacing: A13N166, 2104264

Servicing: Mercedes-Benz

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.00 mm


**110908** Alternator 14 V, 80 Amp.

Replacing: 2940130, 2541300, 2541139

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 82.50 B: 56.00 mm


**110911** Alternator 14 V, 55 Amp.

Replacing: 9AR2621, 9AR2596

Servicing: Audi, Peugeot, Saab, VW

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.64 B: 56.00 mm

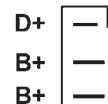

**110912** Alternator 14 V, 55 Amp.

Replacing: A13E23, 2541234, 2541233

Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 16.40 C: 66.00 mm


**110913** Alternator 14 V, 70 Amp.

Replacing: 9AR2518

Servicing: Audi, VW

B+ 9.40, Pulley w/o, Fan w/o

B: 56.00 mm

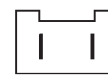

**110916** Alternator 14 V, 40 Amp.

Replacing: A12R37, A12R36, 2941097

Servicing: Citroen, Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.00 B: 40.00 mm


**110920** Alternator 14 V, 50 Amp.

Replacing: A13N12, 310154H

Servicing: Renault

B+ M5, Grooves 1, Pulley P, Fan EF

A: 101.00 B: 56.00 mm

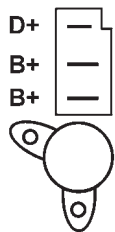

**110921** Alternator 14 V, 55 Amp.

Replacing: A13N64

Servicing: Volvo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 72.50 B: 26.80 C: 65.70 mm



**110923** Alternator 14 V, 55 Amp.

Replacing: A13V05, 2518046

Servicing: Mercedes-Benz

B+ Plug, Grooves 6, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm

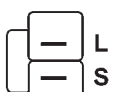


**110931** Alternator 14 V, 70 Amp.

Replacing: A14N11

Servicing: Porsche

B+ M6, Pulley w/o, Fan w/o



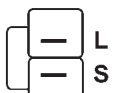
**110956**<sup>#</sup> Alternator 14 V, 75 Amp.

Replacing: TA000B08001, M39884, AB175201

Servicing: Dodge, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 38.50 B: 12.97 C: 55.09 mm



**110957** Alternator 14 V, 75 Amp.

Replacing: M36311, AR175AA, AB175051, A000A0190

Servicing: Hyundai

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 35.05 B: 12.99 C: 55.04 mm



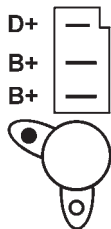
**110959** Alternator 14 V, 55 Amp.

Replacing: M40472, M31612, AR150BA, AR150AA, AC155604, AC155603, AC155602, A000B0331, 2EA0436A

Servicing: Mercruiser, Mercury, OMC

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.35 B: 50.70 mm



**110968** Alternator 14 V, 70 Amp.

Replacing: 9AR2699

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.00 C: 82.00 mm



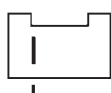
**110990**<sup>#</sup> Alternator 14 V, 90 Amp.

Replacing: 2940657, 2940357

Servicing: Audi, Porsche, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 83.40 B: 56.00 mm



**110993** Alternator 14 V, 50 Amp.

Replacing: A13N123

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 71.85 B: 36.00 C: 56.45 mm



**111035** Alternator 14 V, 65 Amp.

Replacing: A13E26, A13E25, 2541236, 2541235

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 51.25 B: 22.00 C: 73.00 mm



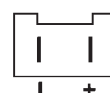
**111036** Alternator 14 V, 45 Amp.

Replacing: A13E1, 2541135, 2518028

Servicing: Autobianchi, Fiat, Lancia

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.80 B: 32.25 mm



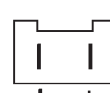
**111071** Alternator 14 V, 75 Amp.

Replacing: A14R28, A14R26, A14N55, A14N2, A14N1, 2941232, 2940275

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 61.85 B: 35.90 C: 53.00 mm



**111072** Alternator 14 V, 50 Amp.

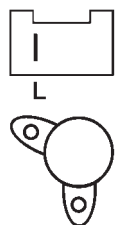
Replacing: A13R269, A13R260, A13R228, A13N87, A13N65, A13N63, A13N139, 2181730

Servicing: Renault, VW

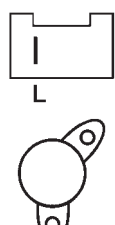
B+ M6, Grooves 1, Pulley P, Fan IF

A: 49.40 B: 27.00 C: 66.00 mm

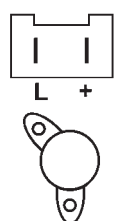



**111075** Alternator 14 V, 55 Amp.

Replacing: A13N94, A13N43, A13N38, A13N293

 Servicing: Citroen, Peugeot, Talbot, Vauxhall  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 59.50 B: 40.00 mm

**111076** Alternator 14 V, 50 Amp.

Replacing: A13N95, A13N240, A13N218, A13N181, 2541489, 2541366, 2541314, 2541180

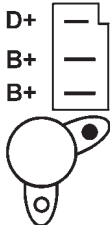
 Servicing: Citroen, Opel, Peugeot, Talbot  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm

**111082** Alternator 14 V, 60 Amp.

 Replacing: A13N121, A13N110, 2541471  
 Servicing: Renault

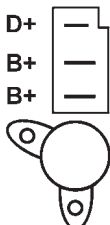
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 100.95 B: 56.00 mm

**111085** Alternator 14 V, 55 Amp.

Replacing: A13N39

 Servicing: Volvo  
 B+ M6, Grooves 2, Pulley DP, Fan EF  
 A: 91.95 B: 71.00 mm

**111086** Alternator 14 V, 65 Amp.

Replacing: 2941231, 2927060

 Servicing: Austin, Ford, Mercury, MG, Rover  
 B+ Plug, Grooves 1, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm

**111093** Alternator 14 V, 70 Amp.

Replacing: A13V07, A13V02, 2541297, 2518044

 Servicing: Mercedes-Benz  
 B+ Plug, Grooves 6, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm

**111094** Alternator 14 V, 65 Amp.

Replacing: A13E45, 2940311

 Servicing: Audi, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.00 B: 56.00 mm


**111095** Alternator 14 V, 65 Amp.

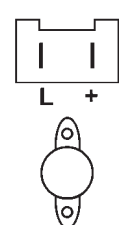
Replacing: A13E39, 2941293, 2940363

 Servicing: VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 76.30 B: 56.00 mm


**111141** Alternator 14 V, 55 Amp.

Replacing: 523159, 523158, 2325158

 Servicing: MAN, Mercedes-Benz  
 B+ M6, Terminal W, Pulley w/o, Fan w/o  
 B: 80.00 mm

**111144** Alternator 14 V, 70 Amp.

Replacing: A14N93, A14N89, A14N84, A14N69, A14N64, A14N50, A14N37, A14N22, A14N20, A14N150, A14N13, A14N106

 Servicing: Citroen, Renault, Talbot  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 49.15 B: 27.00 C: 64.80 mm

**111148** Alternator 14 V, 65 Amp.

Replacing: A13E68

 Servicing: Autobianchi, Fiat, Lancia, Zastava  
 B+ M6, Grooves 1, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm

**111152** Alternator 14 V, 45 Amp.

Replacing: 2940306, 2523202

 Servicing: VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 99.00 B: 56.00 mm



**111153** Alternator 14 V, 55 Amp.

Replacing: A13R192, A13N80

Servicing: Alfa Romeo

B+ M6, Grooves 1, Pulley P, Fan EF

A: 52.00 B: 27.00 mm



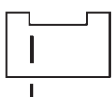
**111154** Alternator 14 V, 65 Amp.

Replacing: A13E58, A13E43, A13E09, 2940371, 2940309, 2940307, 2541438, 2523203

Servicing: Audi, Mercedes-Benz, Seat, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 98.00 B: 56.00 mm



**111155<sup>#</sup>** Alternator 14 V, 50 Amp.

Replacing: A13R268, A13N41, A13N144, 2183106

Servicing: Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 65.00 B: 27.00 C: 66.00 mm



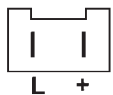
**111156** Alternator 14 V, 70 Amp.

Replacing: A14R41, A14R23, A14N79, A14N78, A14N36, A14N23

Servicing: Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 64.30 B: 27.00 C: 66.00 mm



**111163<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: A13N88

Servicing: Renault

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 48.50 B: 26.75 C: 66.00 mm



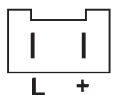
**111168** Alternator 14 V, 55 Amp.

Replacing: A13N214, 2541341

Servicing: Ferrari, Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 84.00 B: 56.00 mm



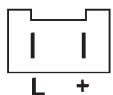
**111171** Alternator 14 V, 70 Amp.

Replacing: A14N62, A14N53, A13N62, A13N228, A13N226, A13N171, 2541160, 2541156

Servicing: Renault

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 49.65 B: 27.00 C: 66.50 mm



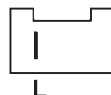
**111172<sup>#</sup>** Alternator 14 V, 60 Amp.

Replacing: A13NP173, A13N136, 2541467, 2541384, 2181726

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.75 B: 27.00 C: 68.65 mm



**111173<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: A14N18

Servicing: Citroen, Peugeot, Talbot

B+ M6, Grooves 4, Pulley SP, Fan EF

A: 45.30 B: 27.00 C: 64.65 mm



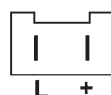
**111175<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: A14N172, A14N139, A13VI68, A13VI108, 2541793A, 2541793, 2541655, 2541369, 2541189

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 41.30 B: 27.25 C: 69.95 mm



**111179** Alternator 14 V, 105 Amp.

Replacing: A14N95, A14N76, 2518085

Servicing: Renault

B+ M6, Grooves 5, Pulley SP/FW, Fan EF

A: 48.00 B: 27.00 C: 66.25 mm

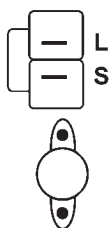


**111226** Alternator 14 V, 55 Amp.

Replacing: A13N52, A13N281, A13N28, 2541768

Servicing: Hatz

B+ M6, Pulley w/o, Fan w/o


**111237** Alternator 14 V, 70 Amp.

Replacing: TA000A28801, APR140AB, AB175036, AB170094, AB170036

Servicing: Kia, Mazda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.75 B: 13.00 C: 66.55 mm

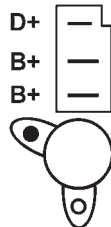

**111288** Alternator 14 V, 70 Amp.

Replacing: A13E41, 2940367, 2940303, 2541442, 2541441, 2541435, 2541222

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 75.00 B: 56.00 mm

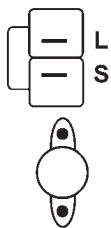

**111289** Alternator 14 V, 70 Amp.

Replacing: 2950220, 2940981, 2929780, 2927070

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm

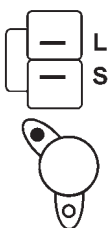

**111308**<sup>#</sup> Alternator 14 V, 65 Amp.

Replacing: AB160063, AB160044

Servicing: Ford, Hyundai, Mazda

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.00 B: 13.20 C: 66.20 mm

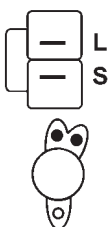

**111309** Alternator 14 V, 75 Amp.

Replacing: TA000A39101, TA000A35201, M37208, AB180128, AB175068, AB175054, AB175019, A000B0391

Servicing: Hyundai, Proton

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.15 B: 13.15 C: 54.50 mm


**111314** Alternator 14 V, 90 Amp.

Replacing: AB190386, AB190205, AB190097

Servicing: Hyundai, Mitsubishi

B+ M6, Grooves 5, Pulley SP, Fan IF

A: 37.90 B: 13.15 C: 55.15 mm

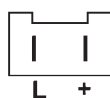

**111318** Alternator 14 V, 80 Amp.

Replacing: A13VI262, A13VI232, A13VI102, 2542355, 2542255, 2541785

Servicing: BMW, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm

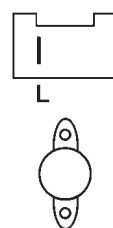

**111319** Alternator 14 V, 105 Amp.

Replacing: A14N75, A14N73, A14N140, A13VI13, 2541307D, 2541307C, 2541307, 2541197

Servicing: Opel, Renault, Renault V.I.

B+ M6, Grooves 1, Pulley P, Fan EF

A: 47.90 B: 26.90 C: 66.00 mm

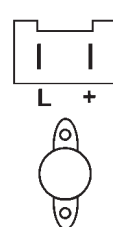

**111321** Alternator 14 V, 70 Amp.

Replacing: A13N289, A13N241, A13N232, A13N178, A13N133, 2541807, 2541490, 2541445, 2541173

Servicing: Volvo

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.20 B: 27.15 C: 66.00 mm

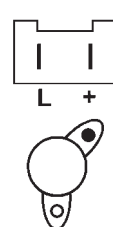

**111322**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: A14N101, A13N172, 2541469, 2541159

Servicing: Renault

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.00 B: 26.75 C: 66.00 mm

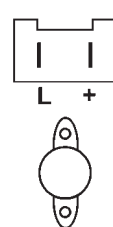

**111325** Alternator 14 V, 70 Amp.

Replacing: A13N158, 2541118

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 57.10 B: 27.15 C: 66.75 mm


**111326** Alternator 14 V, 110 Amp.

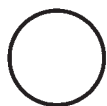
Replacing: A13VI30, A13VI28, A13VI122, 2541813, 2541359, 2541325

Servicing: Renault, Volvo

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.10 B: 26.65 C: 66.10 mm





**111327** Alternator 14 V, 90 Amp.

Replacing: A14N67

Servicing: Porsche

B+ M6, Pulley w/o, Fan w/o



DF



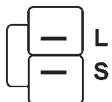
**111331** Alternator 28 V, 60 Amp.

Replacing: A14N44M, A14N43M, A14N3T, A14N3, A14N28T

Servicing: Renault V.I.

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 48.50 B: 27.30 C: 69.80 mm



L

S



**111343<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: HA175160, AD175052, AB175052

Servicing: Hyundai

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.70 B: 13.20 C: 54.75 mm



R

L



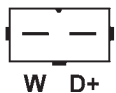
**111344** Alternator 28 V, 25 Amp.

Replacing: TA000A06101, M04419, APR225AA, AD225412, 2EA0501A

Servicing: Mitsubishi

B+ M5, Grooves 1, Pulley P, Fan EF

A: 43.25 B: 12.55 C: 81.20 mm



W D+



**111352** Alternator 14 V, 70 Amp.

Replacing: A11VI66, A11VI22, A11VI21, 2541821A, 2541821, 2541415, 2541410

Servicing: Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.45 B: 14.65 C: 59.80 mm



W D+



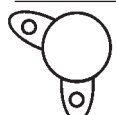
**111353** Alternator 14 V, 70 Amp.

Replacing: A11VI64, A11VI36, 2541819, 2541676, 2541619

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm



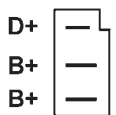
**111354** Alternator 14 V, 70 Amp.

Replacing: A13VI75, A13VI74, 2541699, 2541683A, 2541683, 2541680

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm



D+

B+

B+



**111355** Alternator 14 V, 65 Amp.

Replacing: 2541400, 2541290

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

B+ M6-6.30, Terminal W, Grooves 1, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm

D+

B+

B+



**111362** Alternator 14 V, 55 Amp.

Replacing: 2926300

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



**111369** Alternator 14 V, 90 Amp.

Replacing: A13VI220, A13VI198, A13VI176, A13VI170, A13VI169, A13VI135, A13VI100, 2541992, 2541960, 2541920

Servicing: Mercedes-Benz

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



**111397** Alternator 14 V, 45 Amp.

Replacing: A13N35M, A13N2M, A13N259M, A13N259, A13N234, A13N2, A13N1M, A13N186M, A13N149M, A13N148M, A13N147M

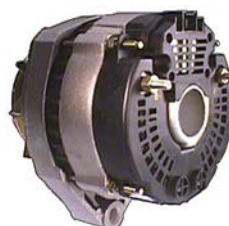
Servicing: BUKH, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 74.20 B: 50.70 mm



L



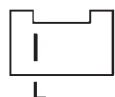
**111402** Alternator 14 V, 50 Amp.

Replacing: A13N237

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 59.45 B: 40.00 mm



L

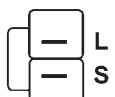

**111403** Alternator 14 V, 70 Amp.

Replacing: A13N238, A13N233, A13N179, A13N138

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 46.75 B: 27.00 C: 66.00 mm


 L  
S

**111405** Alternator 14 V, 90 Amp.

Replacing: TA000A14501, AB190058

Servicing: Hyundai

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 34.40 B: 13.25 C: 55.45 mm


 L  
S

**111406** Alternator 14 V, 110 Amp.

Replacing: TA000A07401, AB111057, AB111033

Servicing: Dodge, Hyundai, Mitsubishi

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 23.50 B: 17.25 C: 55.40 mm


**111411** Alternator 14 V, 75 Amp.

Replacing: A11VI46, 2541728

Servicing: Citroen, Fiat, Ford, Lancia, Peugeot

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 54.80 B: 32.00 mm

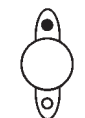

**111419** Alternator 28 V, 55 Amp.

Replacing: 2541423

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 50.00 B: 17.45 C: 63.00 mm


**111426** Alternator 14 V, 100 Amp.

Replacing: SG10B041, SG10B012, 2542273

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 51.00 B: 33.75 C: 56.00 mm



W D+


**111477** Alternator 14 V, 90 Amp.

Replacing: A13VI41, A13VI124, A13VI121, 2541815B, 2541815A, 2541815, 2541675, 2541417K, 2541417

Servicing: Ford, Seat, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.50 B: 13.50 C: 59.00 mm

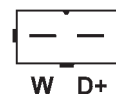

**111478** Alternator 14 V, 90 Amp.

Replacing: A13VI156, A13VI138, 2541895, 2541856

Servicing: Audi, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 30.50 B: 14.00 C: 82.00 mm



W D+


**111479** Alternator 14 V, 90 Amp.

Replacing: A13VI40, A13VI123, 2941814, 2541416F, 2541416

Servicing: Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm


 L  
S

**111491** Alternator 14 V, 75 Amp.

Replacing: AF175503, AF175435

Servicing: Mitsubishi

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 42.50 B: 13.00 C: 55.00 mm

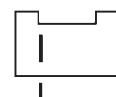

**111498** Alternator 14 V, 110 Amp.

Replacing: A13VI73, 2541679C, 2541679

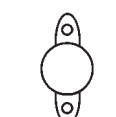
Servicing: Citroen, Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 28.15 B: 26.90 C: 66.60 mm



L


**111503#** Alternator 14 V, 60 Amp.

Replacing: A13N231, A13N169, 2541444, 2541151

Servicing: Volvo

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 47.00 B: 27.00 C: 71.00 mm



**111510** Alternator 28 V, 45 Amp.  
 Replacing: 9AR3855, 2960000, 2939590  
 Servicing: Ford, Perkins  
 B+ M6, Terminal W, Insulated return,  
 Pulley w/o, Fan EF  
 B: 10.00 C: 82.00 mm



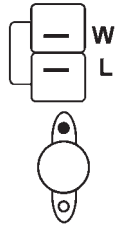
**111511#** Alternator 14 V, 75 Amp.  
 Replacing: A13VI65, A13VI166, A11VI26,  
 2541905, 2541642G, 2541642, 2541600  
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 46.50 B: 27.00 C: 67.00 mm



**111512** Alternator 14 V, 110 Amp.  
 Replacing: A13VI185, A13VI105, 2541942,  
 2541789  
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 3,  
 Pulley SP, Fan IF  
 A: 52.60 B: 27.50 C: 66.00 mm



**111513#** Alternator 14 V, 75 Amp.  
 Replacing: A11VI79, A11VI59, 2541908,  
 2541792  
 Servicing: Renault  
 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF  
 A: 45.00 B: 26.50 C: 69.00 mm



**111515** Alternator 14 V, 70 Amp.  
 Replacing: TA000A55401, 567051  
 Servicing: AC, Opel, Vauxhall  
 B+ M8, Grooves 1, Pulley P, Fan IF  
 A: 42.50 B: 13.00 C: 78.50 mm



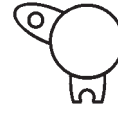
**111520#** Alternator 14 V, 80 Amp.  
 Replacing: A13VI66, 2541643  
 Servicing: Renault  
 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 56.00 B: 27.00 C: 67.00 mm



**111527** Alternator 28 V, 55 Amp.  
 Replacing: A14N135, 2541147  
 Servicing: Scania  
 B+ M6, Terminal W, Pulley w/o,  
 Fan w/o  
 B: 27.00 C: 66.70 mm



**111528** Alternator 28 V, 55 Amp.  
 Replacing: 2180620, 2105473B  
 Servicing: Volvo, Volvo BM, Volvo Penta  
 B+ M6, Terminal W, Pulley w/o, Fan EF  
 B: 51.50 mm



**111532** Alternator 14 V, 80 Amp.  
 Replacing: A13VI84, 2541726  
 Servicing: Citroen, Peugeot  
 B+ M8, Grooves 5, Pulley SP, Fan IR  
 A: 53.00 B: 26.40 C: 58.00 mm



**111621** Alternator 14 V, 55 Amp.  
 Replacing: A13E50, 2541399  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 57.50 B: 32.30 mm



**111624#** Alternator 14 V, 45 Amp.  
 Replacing: A13N66M, 102341  
 Servicing: Volvo BM  
 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 75.00 B: 50.40 mm



**111631** Alternator 28 V, 60 Amp.  
 Replacing: A14N208M, A14N207M, A14N183M,  
 A14N183, 2542514, 2542359, 2541624  
 Servicing: Volvo  
 B+ M8, Terminal W, Pulley w/o, Fan EF  
 B: 14.10 C: 100.00 mm



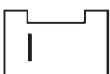

**111647** Alternator 28 V, 60 Amp.

Replacing: 21EA00050

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

B+ M6, Pulley w/o, Fan EF

B: 15.00 C: 102.00 mm


**111659** Alternator 14 V, 80 Amp.

Replacing: A14N91, A14N90, A13N247, 2941222

Servicing: Citroen, Peugeot, Talbot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 60.60 B: 35.60 C: 54.00 mm

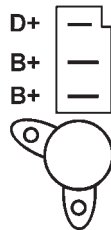

**111710** Alternator 14 V, 65 Amp.

Replacing: TA000B28101, TA000B13001, TA00023301, AC165618, AC165617, AC165616, AC165610, AC155616

Servicing: Mercury, OMC

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 72.00 B: 50.70 mm


**111653** Alternator 14 V, 45 Amp.

Replacing: 9AR2708

Servicing: Audi, VW

B+ 9.70, Grooves 1, Pulley P, Fan EF

A: 108.50 B: 56.00 mm

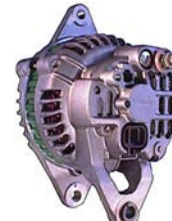
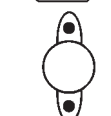

**111661**<sup>#</sup> Alternator 14 V, 75 Amp.

Replacing: A14N54, 2541354, 2104248

Servicing: Renault

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 48.00 B: 27.00 C: 66.00 mm


**111714**<sup>#</sup> Alternator 14 V, 50 Amp.

Replacing: AB150021

Servicing: Kia

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 66.00 mm


**111656** Alternator 14 V, 45 Amp.

Replacing: 2941301, 2940353

Servicing: Bedford, Opel, Vauxhall

B+ M6, Grooves 1, Pulley P, Fan EF

A: 77.00 B: 56.00 mm

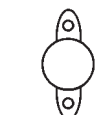

**111676** Alternator 14 V, 90 Amp.

Replacing: A13VI63, A13VI126, 2541817, 2541626E, 2541626

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 14.80 C: 59.00 mm


**111716** Alternator 14 V, 70 Amp.

Replacing: A13N275, 2541713

Servicing: Massey Ferguson

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF

A: 52.00 B: 27.00 mm


**111658** Alternator 28 V, 55 Amp.

Replacing: A14N206M, A14N200M, A14N141M, A14N118M, 2541850, 2541828, 2541199, 2522104

Servicing: Renault V.I., Volvo, Volvo Penta

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan w/o

B: 50.75 mm

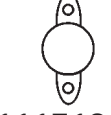
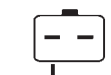

**111686** Alternator 14 V, 65 Amp.

Replacing: 2929510, 2565995, 2565994

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

B+ M6, Grooves 1, Pulley P, Fan EF

A: 49.50 B: 17.00 C: 64.50 mm


**111718** Alternator 14 V, 75 Amp.

Replacing: TG8S025, TG8S017, A11VI88, 2542897, 2541953

Servicing: Renault

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 26.50 C: 66.50 mm



**111719** Alternator 14 V, 120 Amp.

Replacing: A13VI292, A13VI254, A13VI207, 2542603, 2542315, 2541976

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP/FW, Fan IF

A: 46.00 B: 26.30 C: 66.50 mm



**111720** Alternator 28 V, 90 Amp.

Replacing: HD90S020ZD, HD90S019ZD, HD90S017ZD, HD90S016ZD, HD90S014ZD, HD90S014, HD90S013ZD, HD90S013

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 22.70 C: 68.70 mm



**111722** Alternator 14 V, 75 Amp.

Replacing: A13VI224, A11VI97, A11VI92, A11VI104, 2542363, 2542231, 2541999, 2541978

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 45.00 B: 26.80 C: 68.00 mm



**111723** Alternator 14 V, 70 Amp.

Replacing: A11VI89, 2541965

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

B: 56.00 mm



**111733**<sup>#</sup> Alternator 14 V, 120 Amp.

Replacing: A13VI293, 2542584

Servicing: Audi, Ford, GMC, Seat, VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 59.00 mm



**111775** Alternator 14 V, 120 Amp.

Replacing: A13VI255, A13VI208, 2542316, 2541977

Servicing: Renault, Volvo

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.60 B: 27.00 C: 66.75 mm



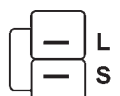
**111776**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: A13VI132, 2541835

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 68.50 B: 28.00 C: 73.70 mm



**111787** Alternator 14 V, 70 Amp.

Replacing: TA000A08101, AB170035

Servicing: Kia

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 66.60 mm



**111788** Alternator 14 V, 105 Amp.

Replacing: A13VI76, 2541694D, 2541694

Servicing: BMW, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 77.00 B: 56.00 mm



**111799**<sup>#</sup> Alternator 14 V, 70 Amp.

Replacing: 2940361

Servicing: Saab

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 79.50 B: 56.00 mm



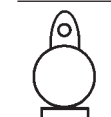
**111800** Alternator 14 V, 70 Amp.

Replacing: 2940349, 2940347

Servicing: Opel, Vauxhall

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 88.00 B: 56.00 mm



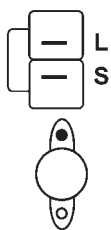
**111803** Alternator 14 V, 60 Amp.

Replacing: A13N269, 2541695

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 50.50 B: 28.00 mm

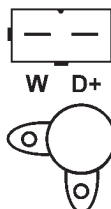

**111807** Alternator 14 V, 70 Amp.

Replacing: AB170066

Servicing: Kia, Mazda

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.50 C: 66.50 mm


**111820** Alternator 14 V, 90 Amp.

Replacing: A13VI114, 2541801

Servicing: Audi, Skoda, VW

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 14.00 C: 59.00 mm


**111834** Alternator 28 V, 55 Amp.

Replacing: A13N11

Servicing: Scania

 B+ M8, Terminal W, Pulley w/o, Fan EF  
 Heavy duty type: Cargo 112182. 80 Amp.

B: 80.00 mm


**111841** Alternator 14 V, 50 Amp.

 Replacing: A13N215, A13N175, A13N129,  
 2541363, 2541169

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.50 B: 56.00 mm

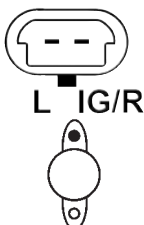

**111846** Alternator 14 V, 80 Amp.

Replacing: 219187

Servicing: Daewoo

B+ M6, Pulley w/o, Fan EF

B: 13.00 C: 80.50 mm


**111847** Alternator 14 V, 65 Amp.

Replacing: TA000A30601, AB165104, 219251

Servicing: Chevrolet, Daewoo

B+ M6, Grooves 1, Pulley P, Fan IF

A: 42.00 B: 15.10 C: 65.30 mm

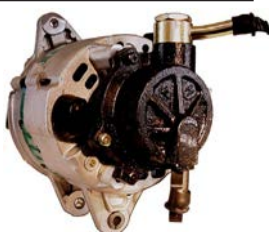

**111890** Alternator 14 V, 90 Amp.

Replacing: A13VI222

Servicing: Mercedes-Benz

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm


**111929** Alternator 14 V, 65 Amp.

 Replacing: M36934, BM51267AR, AD165321Q,  
 AD165321, AD165320Q, AD165320, AD165202,  
 AC165531, A000A0063

Servicing: Hyundai

B+ M6, Grooves 1, Pulley P, Fan EF

A: 44.50 B: 13.15 C: 54.50 mm


**111932#** Alternator 14 V, 80 Amp.

Replacing: A13VI217, 2541989

Servicing: Renault, Volvo

 B+ M6, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 47.00 B: 26.70 C: 66.40 mm


**111934** Alternator 14 V, 80 Amp.

 Replacing: A13VI266, A13VI212, A11VI93,  
 A11VI105, 2542367, 2542366, 2541984,  
 2541979

Servicing: Renault

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 52.50 B: 27.00 C: 66.40 mm


**111937** Alternator 14 V, 75 Amp.

Replacing: A11VI81, 2541928

Servicing: Opel, Renault, Vauxhall

 B+ M8, Terminal W, Grooves 6,  
 Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 69.30 mm


**111940** Alternator 14 V, 70 Amp.

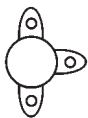
 Replacing: A13N276, A13N274, 2541714,  
 2541712

Servicing: Massey Ferguson

B+ M6, Terminal W, Pulley w/o, Fan IF

B: 27.00 C: 71.30 mm





**111941#** Alternator 14 V, 150 Amp.

Replacing: TG15C117, TG15C015, A14VI25, A14VI17, 2543525, 2542679, 2542203, 2541841

Servicing: Citroen, Fiat, Lancia, Peugeot, Renault

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 43.40 B: 22.75 C: 44.00 mm



**111943** Alternator 14 V, 90 Amp.

Replacing: SG9B039, SG9B038, A13VI257, A13VI202, 2542414, 2542413, 2542347, 2541968

Servicing: Mercedes-Benz

B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
A: 29.50 B: 140.20 C: 42.00 mm



**111944#** Alternator 14 V, 120 Amp.

Replacing: SG12S019, A13VI201, 2542298, 2542289, 2541967

Servicing: Citroen, Fiat, Lancia, Peugeot, Renault

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 42.50 B: 22.00 C: 45.50 mm



**111946** Alternator 14 V, 80 Amp.

Replacing: A13VI78, 2541697B, 2541697

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 46.80 B: 19.65 C: 73.50 mm



**15 61E**

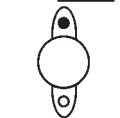
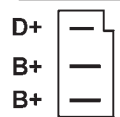


**111947** Alternator 14 V, 95 Amp.

Replacing: A13VI150, A13VI130, 2541884, 2541848

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 77.30 B: 56.00 mm



**111948** Alternator 14 V, 70 Amp.

Replacing: 9AR2786, 9AR2566, 2950700, 2940772, 2928610, 2541148, 2541131, 2541130, 2518051

Servicing: Massey Ferguson

B+ Plug, Terminal W, Pulley w/o, Fan EF

B: 31.00 mm



**111967** Alternator 14 V, 90 Amp.

Replacing: SG9B037, A13VI237, A13VI178, 2542412, 2542291, 2541922

Servicing: Mercedes-Benz

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 30.00 B: 140.00 C: 41.20 mm



**111987** Alternator 28 V, 55 Amp.

Replacing: A14N190, A14N189, A14N188, A14N187, A14N186, A14N185, A14N182, 2541648, 2541639, 2541638, 25416373

Servicing: Iveco

B+ M8, Terminal W, Pulley w/o, Fan EF  
B: 17.00 C: 63.80 mm



**L DFM**



**111989** Alternator 14 V, 90 Amp.

Replacing: SG9B088, SG9B087, SG9B059, SG9B049, SG9B013, 2543328, 2543320, 2542767, 2542571, 2542241

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 39.00 B: 14.00 C: 61.00 mm

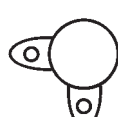


**111990** Alternator 14 V, 70 Amp.

Replacing: SG7S021, 2542543

Servicing: Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 55.00 B: 33.50 C: 56.00 mm



**112002** Alternator 14 V, 120 Amp.

Replacing: SG12B090, SG12B042, SG12B015, 2542949, 2542461A, 2542461, 2542237

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Terminal W, Pulley w/o, Fan IF  
*Free wheel pulley: Cargo 230293. Washer bosch: Cargo 139931. Washer hitachi: Cargo 133948.*

B: 14.50 C: 59.00 mm



**112057** Alternator 14 V, 110 Amp.

Replacing: A13VI179, 2541927

Servicing: Opel, Renault, Vauxhall

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 53.00 B: 26.40 C: 66.50 mm


**112058** Alternator 14 V, 70 Amp.

Replacing: SG7S024, SG7S014, A11VI91, 2542678, 2542483, 2541969

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 21.80 C: 46.00 mm

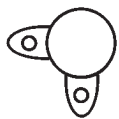

**112059** Alternator 14 V, 110 Amp.

Replacing: A13VI300, A13VI259, A13VI195, 2542691C, 2542691, 2542354, 2541954

Servicing: Renault

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 46.00 B: 27.40 C: 66.30 mm


**112075** Alternator 14 V, 70 Amp.

Replacing: SG8B011, 2542240

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40,00 B: 14.00 C: 60,75 mm


**112079** Alternator 14 V, 90 Amp.

Replacing: SG9B078, SG9B015, A13VI182, 2542948, 2542245

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.00 C: 61.00 mm


**112094<sup>#</sup>** Alternator 14 V, 100 Amp.

Replacing: A13VI59, 2541612

Servicing: BMW

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 65.00 B: 27.70 mm

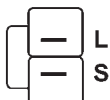

**112097** Alternator 28 V, 30 Amp.

Replacing: 2939520

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

B+ M6, Grooves 1, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 73.00 mm


**112100** Alternator 14 V, 70 Amp.

Replacing: TA000A08801, M43170, AB170037

Servicing: Mazda, Mercury

B+ M6, Grooves 1, Pulley P, Fan IF

A: 41.50 B: 13.30 C: 66.65 mm


**112108<sup>#</sup>** Alternator 28 V, 35 Amp.

Replacing: A13N36M, A13N143M

Servicing: Baudouin, BUKH, DAF, Volvo Penta

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 51.50 mm

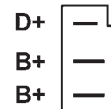

**112109<sup>#</sup>** Alternator 28 V, 45 Amp.

Replacing: 2940753, 2523070

Servicing: Iveco

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 47.00 B: 15.90 C: 72.30 mm


**112112** Alternator 14 V, 70 Amp.

Replacing: 2929580, 2928580, 2927440

Servicing: Perkins, Sabre, Yanmar

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 45.00 B: 11.50 C: 82.50 mm


**112113** Alternator 28 V, 60 Amp.

Replacing: A14N30M, A14N198M, A14N196M, A14N177M, A14N116M, A14N115M, A14N114T, A14N114, A14N110M, A14N110

Servicing: Renault V.I., Volvo, Volvo BM

B+ M6, Terminal W, Insulated return, Pulley w/o, Fan EF

B: 27.00 C: 66.75 mm


**112144** Alternator 14 V, 98 Amp.

Replacing: SG9B047, SG9B033, 2542548, 2542420

Servicing: Dacia, Nissan, Renault

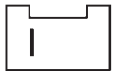
B+ M8, Pulley w/o, Fan IF

B: 80.00 C: 40.50 mm



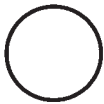
**112149** Alternator 14 V, 65 Amp.

Replacing: 2940375, 2940305, 2940304, 2541434A, 2541434, 2523205, 2523204  
 Servicing: Audi, Seat, VW  
 B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.80 B: 56.00 mm



**112162** Alternator 14 V, 70 Amp.

Replacing: A13N220, A13N219, A13N183, A13N182, A13N177, A13N167, A13N151, 2541368, 2541367, 2541182, 2541181  
 Servicing: Citroen, Peugeot  
 B+ M6, Grooves 4, Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 65.90 mm



**112183** Alternator 14 V, 60 Amp.

Replacing: A13N255, A13N165, 2541659, 2541133  
 Servicing: KHD  
 B+ M6, Terminal W, Pulley w/o, Fan w/o



15 61E



**112193** Alternator 14 V, 120 Amp.

Replacing: SG14B020, SG14B019, SG12B029, A14VI22, 2543237, 2542875, 2542377, 2541963  
 Servicing: BMW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 76.00 mm



**112197** Alternator 14 V, 115 Amp.

Replacing: SG12B087  
 Servicing: Mercedes-Benz  
 B+ M8, Pulley w/o, Fan IF  
 B: 69.80 C: 56.00 mm



**112199** Alternator 14 V, 75 Amp.

Replacing: SG7S071, SG7S013, SG7S010, A11VI94, 2543554, 2542481, 2542342, 2541980  
 Servicing: Dacia, Nissan, Renault  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 21.00 B: 80.00 C: 40.00 mm



**112229** Alternator 14 V, 70 Amp.

Replacing: SG7S025, 2542689  
 Servicing: Opel, Vauxhall  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 50.50 B: 34.00 C: 59.00 mm



**112230** Alternator 14 V, 90 Amp.

Replacing: A13VI87, A13VI49, 2541740B, 2541740, 2541461  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 69.20 mm



**112273** Alternator 14 V, 70 Amp.

Replacing: SG8B018, A11VI95, 2542281, 2541997  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 14.00 C: 60.80 mm



**112274** Alternator 14 V, 90 Amp.

Replacing: SG9B024, A13VI223, 2542282, 2541998  
 Servicing: Seat, Skoda, VW  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 39.50 B: 14.10 C: 61.40 mm



**112287** Alternator 14 V, 70 Amp.

Replacing: A11VI45, 2541725  
 Servicing: Citroen, Peugeot, Rover  
 B+ M8, Grooves 5, Pulley SP, Fan IF  
 A: 52.10 B: 26.00 C: 58.00 mm



**112292** Alternator 14 V, 70 Amp.

Replacing: A11VI72, A11VI51, A11VI40, A11VI25, 2541854, 2541735, 2541710B, 2541710, 2541459  
 Servicing: Citroen, Fiat, Peugeot, Suzuki  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 65.00 mm




**112298** Alternator 14 V, 80 Amp.

Replacing: SG9B077, A13VI81, A13VI280, A13VI189, 2542880, 2542417, 2541950, 2541703B, 2541703

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 26.10 C: 66.70 mm


**112299** Alternator 14 V, 95 Amp.

Replacing: A13VI71, A13VI281, A13VI191, 2542418, 2541951, 2541665C, 2541665B, 2541665

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 27.30 C: 67.70 mm

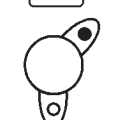

**112327** Alternator 14 V, 100 Amp.

Replacing: AB195126, A0002655009

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.45 B: 13.00 C: 66.50 mm

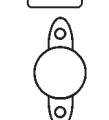

**112333** Alternator 14 V, 110 Amp.

Replacing: TA000A57301, AF111364

Servicing: Hyundai

B+ M8, Grooves 2, Pulley DP, Fan IF

A: 42.20 B: 13.00 C: 55.00 mm


**112334** Alternator 14 V, 75 Amp.

Replacing: AF185452

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.00 B: 13.00 C: 80.00 mm


**112396** Alternator 14 V, 90 Amp.

Replacing: SG9B042, SG9B017, 2542507, 2542239

Servicing: Audi, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 30.00 B: 14.00 C: 60.85 mm


**112397** Alternator 14 V, 120 Amp.

Replacing: SG12B049, SG12B012, 2542508, 2542234

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 29.85 B: 14.10 C: 61.00 mm

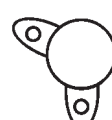

**112398** Alternator 14 V, 70 Amp.

Replacing: SG8B010, 2542238

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 35.00 B: 14.00 C: 82.00 mm

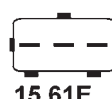

**112399** Alternator 14 V, 90 Amp.

Replacing: SG9B027, SG9B011, SG9B010, 2542225

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 34.65 B: 14.00 C: 82.50 mm

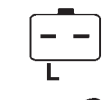

**112413** Alternator 14 V, 90 Amp.

Replacing: A13VI286, A13VI190, 2542515, 2541961

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 47.00 B: 20.00 C: 74.00 mm

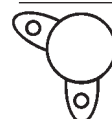

**112458** Alternator 14 V, 120 Amp.

Replacing: SG10B019, SG10B010, A13VI289, A13VI285, A13VI252, 2542551, 2542495, 2542466

Servicing: Renault

B+ M8, Terminal W, Pulley w/o, Fan IF

B: 27.50 C: 66.50 mm


**112460** Alternator 14 V, 150 Amp.

Replacing: TG15C115, SG15S022, SG15S021, SG15S016, A14VI42, A14VI27, 2543492, 2542684, 2542681, 2542556

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm



**112461** Alternator 14 V, 150 Amp.

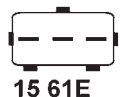
Replacing: TG15C116, SG15S018, A14VI41, A14VI35, 2543493, 2542564, 2542500A, 2542500, 2542351, 2541251

Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot, Suzuki

B+ M8, Pulley w/o, Fan IF

*This purchase w/o pulley - if needed can be used Cargo 230523 w/ 1 spacer washer Cargo133947 within pulley mounted.*

B: 22.30 C: 45,20 mm



15 61E



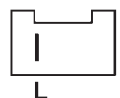
**112462** Alternator 14 V, 120 Amp.

Replacing: A14VI28, 2542251

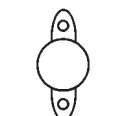
Servicing: BMW, Land Rover, MG, Rover

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 60.00 B: 27.85 C: 75.00 mm



L



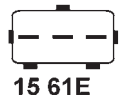
**112463<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: A13VI149, A11VI86, A11VI77, A11VI76, 2541883, 2541882, 2541875

Servicing: Volvo

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 27.00 C: 66.60 mm



15 61E



**112465** Alternator 14 V, 100 Amp.

Replacing: A13VI287, A13VI200, 2542516, 2541962

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 46.30 B: 20.00 C: 73.50 mm



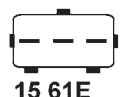
**112467** Alternator 14 V, 90 Amp.

Replacing: A13VI273, A13VI142, 2542375, 2541863

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 55.00 B: 26.60 C: 56.70 mm



15 61E



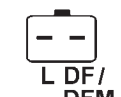
**112468** Alternator 14 V, 150 Amp.

Replacing: SG15S030, A14VI53, A14VI52, A14VI29, A14S055, A14S054, 2542826, 2542824, 2542812, 2542686, 2542662

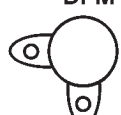
Servicing: BMW, Opel, Vauxhall

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 60.70 B: 27.80 C: 75.00 mm



L DF/DFM



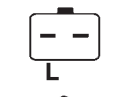
**112469** Alternator 14 V, 90 Amp.

Replacing: TG9B028, SG10B022, A13VI277, A13VI242, 2543215, 2542490, 2542397, 2542297

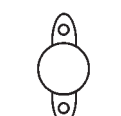
Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.20 C: 45.60 mm



L



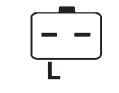
**112470** Alternator 14 V, 110 Amp.

Replacing: A13VI253, 2542327

Servicing: Renault

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 47.00 B: 27.50 C: 66.50 mm



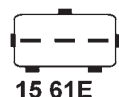
**112471** Alternator 14 V, 125 Amp.

Replacing: SG12B123, SG12B110, SG12B096, SG12B071, SG12B017, 2543639, 2543558, 2543384, 2543339, 2542653

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 32.50 B: 13.50 C: 60.90 mm



15 61E



**112472** Alternator 14 V, 100 Amp.

Replacing: SG12B080, SG12B039, A13VI234, 2542797, 2542265

Servicing: BMW, Land Rover, MG, Rover

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 61.00 B: 28.00 C: 75.40 mm



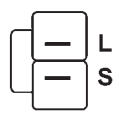
**112480** Alternator 14 V, 90 Amp.

Replacing: SG10B021, A13VI204, 2542489, 2541971

Servicing: Citroen, Fiat, Lancia, Peugeot

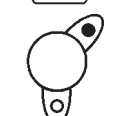
B+ M8, Grooves 6, Pulley SP, Fan IF

A: 44.00 B: 22.00 C: 46.00 mm



L

S



**112500<sup>#</sup>** Alternator 14 V, 75 Amp.

Replacing: AB175359

Servicing: Hyundai

B+ M6, Grooves 4, Pulley SP, Fan IF

A: 37.00 B: 13.10 C: 54.90 mm


**112529** Alternator 14 V, 90 Amp.

Replacing: A13VI99, A13VI197, A13VI175, A13VI134, 2541959, 2541919, 2541838A, 2541838, 2541775B, 2541775A

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.10 mm


**112530** Alternator 14 V, 120 Amp.

Replacing: TA000A33001

Servicing: Daewoo, Mercedes-Benz, Ssangyong

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.50 B: 56.10 mm


**112532#** Alternator 14 V, 80 Amp.

Replacing: A13VI116, 2541804

Servicing: Alfa Romeo

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan w/o

A: 81.00 B: 56.25 mm

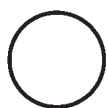
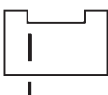

**112535** Alternator 14 V, 120 Amp.

Replacing: SG12B027, 2542345

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 91.95 B: 56.00 mm


**112548** Alternator 14 V, 60 Amp.

Replacing: A13N271

Servicing: KHD

B+ M6, Terminal W, Pulley w/o, Fan w/o

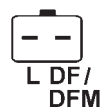

**112557** Alternator 14 V, 120 Amp.

Replacing: A13VI152, A13VI151, A13VI118, 2541880, 2541879, 2541809A, 2541809, 2541609

Servicing: Renault, Volvo

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 47.80 B: 21.00 C: 55.50 mm


**112648** Alternator 14 V, 70 Amp.

Replacing: A11VI108, A11VI102, 2542398, 2542305

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.00 mm


**112657** Alternator 28 V, 60 Amp.

Replacing: 390086, 21EA00040

B+ M6, Grooves 8, Pulley SP, Fan EF

A: 42.75 B: 14.85 C: 101.00 mm


**112679** Alternator 14 V, 110 Amp.

Replacing: A13VI57, A13VI210, A13VI167, A13VI164, A13VI153, 2541982, 2541906, 2541903, 2541887, 2541610G

Servicing: Renault, Volvo

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 27.70 C: 66.30 mm


**112681** Alternator 14 V, 80 Amp.

Replacing: A13VI72, 2541678C, 2541678B, 2541678

Servicing: Citroen, Fiat

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 69.00 mm


**112682** Alternator 14 V, 110 Amp.

Replacing: A13VI55, A13VI163, 2541608

Servicing: Renault

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 54.00 B: 27.00 C: 68.50 mm


**112683** Alternator 14 V, 105 Amp.

Replacing: A14V13, 2541682, 2521682

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 72.40 B: 16.00 C: 82.00 mm





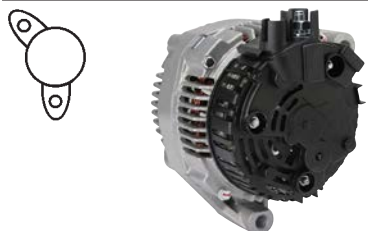
**112687** Alternator 14 V, 80 Amp.

Replacing: A13VI54, 2541494

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 76.50 mm



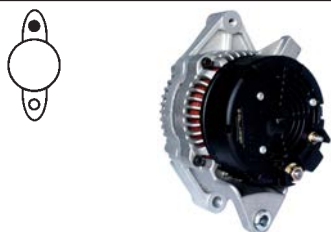
**112688** Alternator 14 V, 95 Amp.

Replacing: A13VI94, A13VI274, A13VI261, A13VI258, A13VI231, 2542376, 2542358, 2542352, 2542254, 2541758B

Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.50 B: 55.80 mm



**112689** Alternator 14 V, 55 Amp.

Replacing: SG6S010, 2542350

Servicing: Opel, Vauxhall

B+ M8, Grooves 1, Pulley P, Fan IF

A: 53.00 B: 34.00 C: 59.00 mm



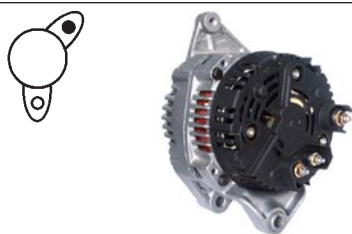
**112692<sup>#</sup>** Alternator 14 V, 105 Amp.

Replacing: A14V18, 2541498

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 68.00 B: 28.00 C: 76.45 mm



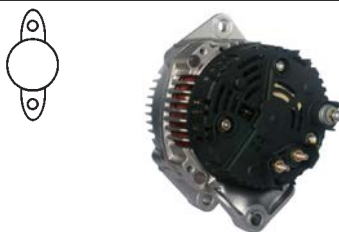
**112695** Alternator 14 V, 80 Amp.

Replacing: A13VI184, A13VI104, A11VI85, A11VI61, 2541938, 2541937, 2541797E, 2541797, 2541788E, 2541788

Servicing: Renault

B+ M6, Grooves 3, Pulley SP, Fan IF

A: 52.50 B: 26.80 C: 66.40 mm



**112696** Alternator 14 V, 80 Amp.

Replacing: A13VI64, A13VI165, 2541641

Servicing: Renault, Volvo

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 26.60 C: 66.50 mm



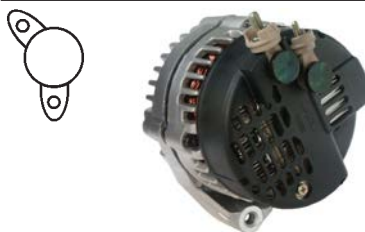
**112701<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: A11VI56, A11VI44, A11VI38, 2541764, 2541720, 2541684

Servicing: Citroen, Peugeot

B+ M8, Terminal W, Grooves 5, Pulley SP, Fan IF

A: 89.00 B: 56.00 mm



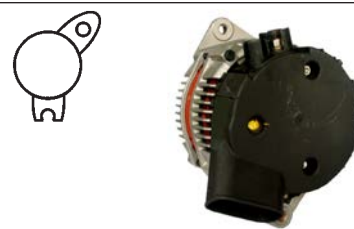
**112703** Alternator 14 V, 120 Amp.

Replacing: A14VI13, 2541760B, 2541760

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



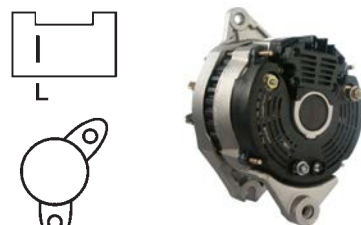
**112704<sup>#</sup>** Alternator 14 V, 120 Amp.

Replacing: A14VI11, 2541747

Servicing: Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 26.90 C: 67.00 mm



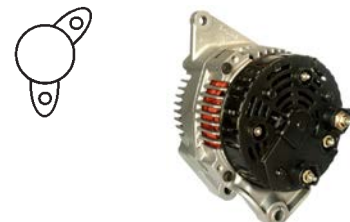
**112705** Alternator 14 V, 70 Amp.

Replacing: A13N207

Servicing: Rover

B+ M6, Terminal W, Grooves 5, Pulley SP, Fan EF

A: 45.75 B: 27.00 C: 66.00 mm



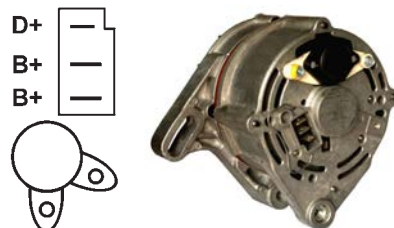
**112715<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: A13VI211, 2941983, 2541983

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 46.50 B: 26.80 C: 67.00 mm



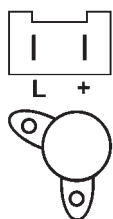
**112727<sup>#</sup>** Alternator 14 V, 55 Amp.

Replacing: A13E19, 2541254, 2541187, 2518017

Servicing: Seat

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 66.00 B: 39.70 C: 40.00 mm


**112728** Alternator 14 V, 55 Amp.

Replacing: A13N104, 2541465

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 102.00 B: 56.00 mm

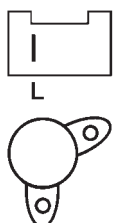

**112735** Alternator 14 V, 45 Amp.

Replacing: 2940373, 2940310

Servicing: Audi, VW

B+ M8, Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.50 B: 56.30 mm


**112739** Alternator 14 V, 50 Amp.

Replacing: A13N50

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 55.50 B: 27.00 C: 66.00 mm

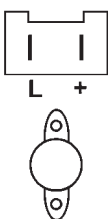

**112740** Alternator 14 V, 80 Amp.

Replacing: A14V05, 2541305

Servicing: BMW

B+ M8, Grooves 1, Insulated return, Pulley DP, Fan EF

A: 81.50 B: 15.00 C: 56.00 mm

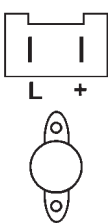

**112744** Alternator 14 V, 60 Amp.

Replacing: A13N89, A13N124, A13N120, 2541466

Servicing: Renault, Volvo

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm

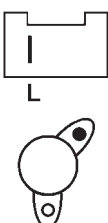

**112751<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: A13N159, 2541468, 2541119

Servicing: Renault

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 45.50 B: 27.00 C: 67.00 mm

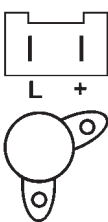

**112754** Alternator 14 V, 70 Amp.

Replacing: A13N216, A13N176, A13N130, 2541364, 2541170, 2180675

Servicing: Citroen, Peugeot

B+ M6, Grooves 1, Pulley P, Fan EF

A: 95.00 B: 56.00 mm

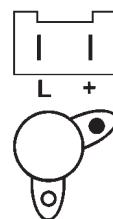

**112755** Alternator 14 V, 90 Amp.

Replacing: A14N96, A14N117, 2518086

Servicing: Eagle, Renault

B+ M6, Grooves 5, Pulley SP, Fan EF

A: 49.00 B: 26.80 C: 64.50 mm


**112756** Alternator 14 V, 60 Amp.

Replacing: A13N157, 2541257, 2541117

Servicing: Renault

B+ M6, Grooves 1, Pulley P, Fan EF

A: 56.00 B: 27.00 C: 65.00 mm


**112758** Alternator 28 V, 75 Amp.

Replacing: A14N205, A14N160, A14N138, A14N104, 57158, 2541849, 2541329, 2541178

Servicing: Scania

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 27.00 C: 67.30 mm


**112762<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: A13N217, A13N184, 2541365, 2541193, 2541188

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan EF

A: 41.50 B: 27.00 C: 66.50 mm


**112763** Alternator 14 V, 55 Amp.

Replacing: 2541645, 2541439, 2541221

Servicing: Seat, VW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 78.50 B: 56.00 mm



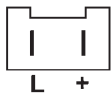
**112764** Alternator 14 V, 90 Amp.

Replacing: A14V04, 2541115

Servicing: BMW

B+ M8, Grooves 1, Pulley P, Fan EF

A: 60.80 B: 15.80 C: 80.50 mm



**112769** Alternator 14 V, 60 Amp.

Replacing: A13N209, A13N206, A13N161, 2541328, 2541313

Servicing: Renault

B+ M6, Grooves 6, Pulley SP, Fan EF

A: 46.50 B: 26.80 C: 70.00 mm



**112770**<sup>#</sup> Alternator 14 V, 50 Amp.

Replacing: A11VI84, A11VI24, 2541458

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 27.00 C: 66.20 mm



**112772** Alternator 14 V, 120 Amp.

Replacing: A14VI31, A14VI30, A14VI10, 2542262, 2541711B, 2541711

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 41.70 B: 26.70 C: 66.80 mm



**112781**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: A13VI48, A13VI26

Servicing: Citroen

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 46.00 B: 26.90 C: 66.00 mm



**112782** Alternator 14 V, 80 Amp.

Replacing: A13VI96, A13VI83, A13VI46, A13VI27, 2541767A, 2541767, 2541724, 2541447A, 2541447

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.00 mm



**112789** Alternator 14 V, 110 Amp.

Replacing: A13VI11, 2541262

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 50.00 B: 26.50 C: 66.10 mm



**112790**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: A13VI16, A13VI15, A11VI28, 2541602F, 2541602A, 2541602, 2541310

Servicing: Renault

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan IF

A: 62.00 B: 27.00 C: 66.50 mm



**112791**<sup>#</sup> Alternator 14 V, 80 Amp.

Replacing: A13VI23, 2541344

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 49.40 B: 27.00 C: 65.30 mm



**112792**<sup>#</sup> Alternator 14 V, 110 Amp.

Replacing: A13VI17, 2541311

Servicing: Renault

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan IF

A: 62.00 B: 27.30 C: 66.90 mm



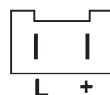
**112793** Alternator 14 V, 70 Amp.

Replacing: A11VI58, A11VI57, A11VI53, A11VI52, A11VI49, A11VI33, A11VI32, A11VI23, 2541765A, 2541765, 2541733

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.00 C: 72.00 mm



**112795** Alternator 14 V, 90 Amp.

Replacing: A14N164, A14N132, 2541327, 2541127

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF

A: 46.00 B: 27.00 C: 66.00 mm




**112800** Alternator 14 V, 95 Amp.

Replacing: A13VI18, 2541321

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 77.50 B: 56.00 mm


**112802<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: A13VI39, 2541412

Servicing: Audi

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 14.25 C: 60.75 mm

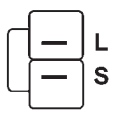

**112809<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: A14V17

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan EF

A: 68.35 B: 28.00 C: 76.00 mm

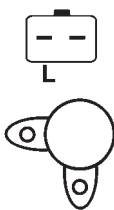

**113213<sup>#</sup>** Alternator 14 V, 85 Amp.

Replacing: AF185381

Servicing: Kia

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 46.40 B: 13.40 C: 80.35 mm


**113245** Alternator 14 V, 125 Amp.

Replacing: SG12B122, SG12B107, SG12B097, SG12B072, SG12B068, SG12B030, 2543557, 2543386, 2543338, 2542722B

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 33.00 B: 13.90 C: 60.70 mm


**113246** Alternator 14 V, 90 Amp.

Replacing: TG9B065, SG10B023, A13VI283, 2607211A, 2607211, 2542491, 2542429

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.40 mm

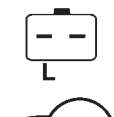

**113247** Alternator 14 V, 120 Amp.

Replacing: SG12B040, 2542441

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 68.50 mm

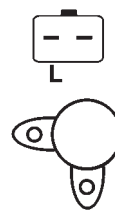

**113248** Alternator 14 V, 120 Amp.

Replacing: SG12B116, SG12B108, SG12B095, SG12B050, 2543441, 2543387, 2543340, 2542523

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 36.00 B: 14.00 C: 60.75 mm

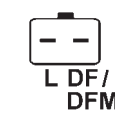

**113249** Alternator 14 V, 125 Amp.

Replacing: SG12B055, 2542573

Servicing: Renault

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 32.50 B: 13.80 C: 61.20 mm

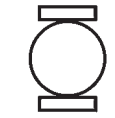

**113250** Alternator 14 V, 70 Amp.

Replacing: TG7S015, TG7S013, TG7S011, SG7S016, A11VI109, 2607209A, 2607209, 2543520, 2542921, 2542485, 2542427

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.50 mm


**113251** Alternator 14 V, 150 Amp.

Replacing: SG15L026, 2542771, 2542524

Servicing: Mercedes-Benz

 B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
*Water cooled.*

A: 30.00 B: 151.50 C: 43.00 mm


**113252** Alternator 14 V, 140 Amp.

Replacing: SG14B011, 2542496

Servicing: Audi, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 29.50 B: 14.50 C: 61.50 mm



**113253** Alternator 14 V, 90 Amp.

Replacing: SG9B057, SG9B048, SG8B026, SG8B023, 2542747A, 2542747, 2542746, 2542578, 2542577

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 29.40 B: 13.85 C: 60.75 mm



DFM L



**113283** Alternator 14 V, 120 Amp.

Replacing: SG12B018, 2542295

Servicing: Audi, Skoda, VW

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 34.25 B: 14.00 C: 82.00 mm



**113300** Alternator 14 V, 120 Amp.

Replacing: SG12B021, 2542317

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 92.00 B: 56.00 mm

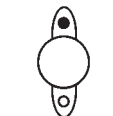


**113302** Alternator 14 V, 120 Amp.

Replacing: SG12B060, SG12B023, 2542572, 2542319

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 82.00 B: 56.00 mm



**113317** Alternator 14 V, 80 Amp.

Replacing: A0002655221

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 38.20 B: 13.00 C: 80.90 mm



**113330** Alternator 14 V, 75 Amp.

Replacing: TA000A57401, AF175476, AF175363

Servicing: Hyundai, Kia

B+ M8, Grooves 2, Pulley DP, Fan IF  
A: 42.00 B: 13.10 C: 55.00 mm



**113331** Alternator 14 V, 110 Amp.

Replacing: TA000A61201, TA000A56901, AF111390, AF111225

Servicing: Hyundai, Kia

B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
A: 46.40 B: 13.00 C: 80.80 mm



**113340** Alternator 14 V, 70 Amp.

Replacing: SG8B027, 2542244

Servicing: Audi, Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 39.00 B: 14.00 C: 62.00 mm



**113343** Alternator 14 V, 65 Amp.

Replacing: AD165471, AD165454, AD165444, AD165440, AD165439, AD165206

Servicing: Hyundai

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 44.50 B: 13.00 C: 54.70 mm



L I S



**113349** Alternator 14 V, 85 Amp.

Replacing: 219202, 219138

Servicing: Daewoo

B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 36.00 B: 13.00 C: 81.50 mm



L I S



**113350** Alternator 14 V, 85 Amp.

Replacing: 219139

Servicing: Chevrolet, Daewoo

B+ M8, Grooves 5, Pulley SP, Fan IF  
A: 36.00 B: 13.20 C: 81.30 mm

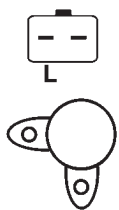


**113382** Alternator 14 V, 60 Amp.

Replacing: A13N285M, A13N285

Servicing: Volvo Penta

B+ M6, Terminal W, Pulley w/o, Fan EF  
B: 50.50 mm


**113403** Alternator 14 V, 75 Amp.

Replacing: SG7S070, SG7S012, A11V1110, 2543550, 2542540, 2542464

Servicing: Nissan, Renault

B+ M8, Grooves 3, Pulley SP, Fan IF

A: 53.50 B: 27.00 C: 66.60 mm


**113404** Alternator 14 V, 90 Amp.

Replacing: A13VI288, A13VI279, A13VI278, A13VI256, A13VI246, 2542525, 2542400, 2542399, 2542344, 2542307

Servicing: Citroen, Peugeot

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.30 mm

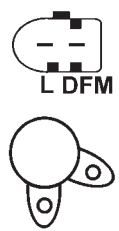

**113405** Alternator 14 V, 70 Amp.

Replacing: TG9B043, TG7S014, TG7S010, SG7S015, A11V199, A11V106, 2607208, 2543521, 2542920, 2542794, 2542484

Servicing: Citroen, Peugeot

B+ M8, Terminal DF, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm


**113406** Alternator 14 V, 90 Amp.

Replacing: A13VI241, 2542294

Servicing: VW

B+ M8, Terminal W, Grooves 6, Pulley SP, Fan IF

A: 39.00 B: 13.70 C: 60.75 mm


**113407** Alternator 14 V, 150 Amp.

Replacing: A14VI47, A14VI46, A14VI45, A14VI34, 2542852, 2542605, 2542602, 2542538, 2542343

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 61.00 B: 27.90 C: 75.10 mm

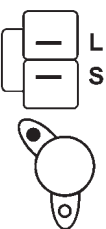

**113438<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: A13VI88, A13VI51, 2541475, 2541455

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 27.20 C: 69.60 mm


**113439** Alternator 14 V, 90 Amp.

Replacing: 2541741B, 2541741

Servicing: Nissan

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.30 B: 25.00 C: 81.00 mm


**113471** Alternator 14 V, 65 Amp.

Replacing: A13E63

Servicing: Fiat, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 54.40 B: 32.00 mm


**113472** Alternator 14 V, 65 Amp.

Replacing: A13E67, A13E66

Servicing: Fiat, Innocenti, Lancia

B+ M6, Terminal W, Grooves 4, Pulley SP, Fan EF

A: 49.00 B: 24.90 C: 77.45 mm


**113477** Alternator 28 V, 55 Amp.

Replacing: A14N81M, A14N47M, A14N137M, A14N119M, A14N112M, A14N100M, A14N100, 2541168, 2181991

Servicing: DAF, Volvo, Volvo BM, Volvo Penta

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF

A: 72.50 B: 50.80 mm

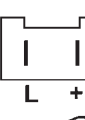

**113485** Alternator 14 V, 80 Amp.

Replacing: A13VI95, A13VI260, A13VI230, 2542357, 2542253, 2541759

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm


**113487<sup>#</sup>** Alternator 14 V, 70 Amp.

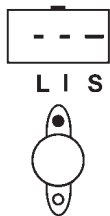
Replacing: A13N204, 2541259

Servicing: Renault

B+ M6, Terminal W, Grooves 3, Pulley SP, Fan EF

A: 53.00 B: 27.00 C: 65.70 mm





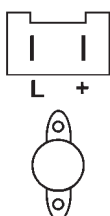
**113498** Alternator 14 V, 80 Amp.

Replacing: 219199, 219137

Servicing: Chevrolet, Daewoo, Lancia

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.65 B: 33.65 C: 58.60 mm



**113500** Alternator 14 V, 70 Amp.

Replacing: A13N164, A13N163, 2541124

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 65.60 mm



**113503** Alternator 14 V, 120 Amp.

Replacing: SG12S055, 2542547

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 43.00 B: 22.20 C: 45.00 mm



**113510** Alternator 14 V, 140 Amp.

Replacing: TG15C043, TG15C011, SG14B013, SG14B012, A14VI36, 2542587, 2542497, 2542402

Servicing: Audi, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 30.00 B: 14.10 C: 82.00 mm



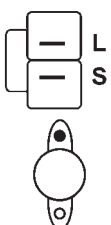
**113517** Alternator 14 V, 110 Amp.

Replacing: TA000A44301, AB195141

Servicing: Hyundai

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.25 B: 13.00 C: 66.50 mm



**113518** Alternator 14 V, 60 Amp.

Replacing: TA000A17301, AB160108

Servicing: Hyundai

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 13.10 C: 48.30 mm



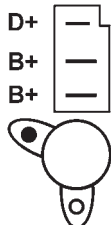
**113519** Alternator 14 V, 90 Amp.

Replacing: TA000A58602, AF190217, AF190216, AF175385, AF175362, AF175207

Servicing: Hyundai, Mitsubishi

B+ M6, Grooves 2, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 54.90 mm



**113574** Alternator 14 V, 65 Amp.

Replacing: NA066

Servicing: Case, New Holland, Valtra

B+ Plug, Terminal W, Grooves 1, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm



**113575** Alternator 14 V, 80 Amp.

Replacing: TG9B064, TG9B045, TG9B024, SG9B066, SG9B065, SG9B063, SG8B021, SG09B063, A13VI276, A13VI236

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm



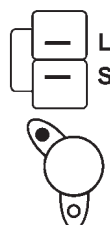
**113577** Alternator 14 V, 75 Amp.

Replacing: SG7S074, SG7S028, A11VI98, A11VI111, 2542480, 2542252

Servicing: Renault

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 46.15 B: 27.00 C: 64.70 mm



**113600** Alternator 14 V, 90 Amp.

Replacing: TA000A48402, TA000A48401

Servicing: Bobcat

B+ M8, Grooves 1, Pulley P, Fan IF

A: 37.50 B: 13.00 C: 57.70 mm



**113603** Alternator 14 V, 80 Amp.

Replacing: SG8B020, A13VI203, 2542486, 2541970

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 46.00 mm


**113604** Alternator 14 V, 95 Amp.

Replacing: A13VI263, A13VI233, A13VI101, 2542356, 2542256, 2541784B, 2541784

 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 92.70 B: 56.00 mm

**113633** Alternator 14 V, 55 Amp.

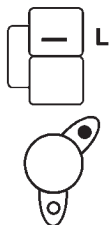
Replacing: M39590, A000B0341

Servicing: Various

 B+ M6, Grooves 1, Pulley P, Fan EF  
 A: 56.00 B: 27.40 mm

**113640** Alternator 14 V, 150 Amp.

Replacing: TG15C118, TG15C053, TG15C028, TG15C020, TC15C020, SG15S024, A14VI49, A14VI48, 2543526A, 2543526

 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.00 B: 21.20 C: 45.80 mm

**113652** Alternator 14 V, 110 Amp.

Replacing: AB195133, AB195116, AB1950116, A000265516, A000265516, 2655516

Servicing: Hyundai, Kia

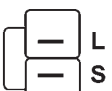
 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.30 B: 23.15 C: 44.40 mm


LFR


**113653<sup>#</sup>** Alternator 14 V, 120 Amp.

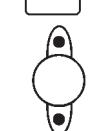
Replacing: A0002655485, A0002655011

Servicing: Hyundai, Kia

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.15 B: 17.35 C: 48.20 mm


L

S


**113656** Alternator 14 V, 90 Amp.

Replacing: AB180140

Servicing: Kia

 B+ M6, Grooves 4, Pulley SP, Fan IF  
 A: 37.50 B: 13.20 C: 66.90 mm


L


**113657** Alternator 14 V, 90 Amp.

Replacing: AB190147, A0002655023, 2608371, 2455023

Servicing: Hyundai, Kia

 B+ M8, Grooves 4, Pulley SP, Fan IF  
 A: 34.60 B: 13.10 C: 55.20 mm

**113720** Alternator 14 V, 75 Amp.

Replacing: TG8S022, TG8S016, TG8S014, TG8S013, TG8S012, 2606333, 2543480A, 2543480, 2542883, 2542850, 2542841

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall

 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm

**113721** Alternator 14 V, 75 Amp.

Replacing: TG8S021, TG8S010, 2543484A, 2543484, 2542671A, 2542671

Servicing: Fiat, Lancia

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 64.40 C: 55.00 mm

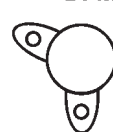
**113722** Alternator 14 V, 90 Amp.

Replacing: TG9S036, TG9S022, TG9S021, TG9S016, TG9S015, TG9S010, 2606334, 2543477, 2542884, 2542861, 2542851

Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall

 B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
 A: 40.20 B: 64.15 C: 56.00 mm


L DFM


**113751** Alternator 14 V, 120 Amp.

Replacing: SG12B054, SG12B025, SG12B011, 2542546, 2542324, 2542233

Servicing: Audi, VW

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 82.00 mm


L DF/DFM


**113755** Alternator 14 V, 150 Amp.

Replacing: TG15C119, TG15C054, TG15C022, SG15S017, A14VI40, 2543527, 2542925A, 2542925, 2542704, 2542557

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki

 B+ M8, Grooves 6, Pulley SP, Fan IF  
 A: 43.00 B: 21.00 C: 45.10 mm



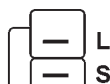
**113789<sup>#</sup>** Alternator 14 V, 70 Amp.

Replacing: NA408, NA349, A13N235, A13N230, A13N199, 2541460, 2541424, 2541245, 2541121

Servicing: Renault

B+ M6, Terminal W, Grooves 6, Pulley SP, Fan EF

A: 46.75 B: 27.04 C: 68.44 mm



**113790<sup>#</sup>** Alternator 14 V, 90 Amp.

Replacing: AB190111, AB190110

Servicing: Kia

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 37.50 B: 13.15 C: 66.70 mm



**113791** Alternator 14 V, 70 Amp.

Replacing: TA000A55601, 2655517

Servicing: Hyundai, Kia

B+ M8, Grooves 4, Pulley SP, Fan IF

A: 38.50 B: 13.00 C: 48.00 mm



**113792** Alternator 14 V, 110 Amp.

Replacing: TA000A62401, TA000A48201, AF111393, AF111382

Servicing: Hyundai, Kia

B+ M8, Grooves 7, Pulley SP/FW, Fan IF

A: 43.00 B: 16.00 C: 55.00 mm



**113835** Alternator 14 V, 120 Amp.

Replacing: SG12B024, 2542320

Servicing: Mercedes-Benz

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 82.40 B: 56.05 mm



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**113839** Alternator 14 V, 70 Amp.

Replacing: A13N242, A13N238, A13N233, A13N179, A13N138, 2541491, 2541478, 2541446, 2541174

Servicing: Volvo

B+ M6, Terminal W, Grooves 3, Pulley SP

A: 46.50 B: 27.00 C: 70.00 mm



**113858** Alternator 14 V, 150 Amp.

Replacing: TG15C018, 2543292, 2542685

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 77.00 mm



**113861** Alternator 14 V, 110 Amp.

Replacing: TG11C048, 2543291

Servicing: VW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 29.20 B: 14.30 C: 60.50 mm



**113862** Alternator 14 V, 125 Amp.

Replacing: TG12C094, SG12B105, SG12B089, 2607395A, 2607395, 2543378, 2542946

Servicing: Dacia, Nissan, Renault

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 38.35 B: 14.00 C: 61.00 mm



**113863** Alternator 14 V, 90 Amp.

Replacing: A0002655103, 2655103

Servicing: Hyundai, Kia, Nissan

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 32.50 B: 13.20 C: 51.00 mm



**113864** Alternator 14 V, 90 Amp.

Replacing: NA473, A13VI61, 2541620B, 2541620A, 2541620

Servicing: BMW

B+ M8, Pulley w/o, Fan w/o

B: 16.00 C: 79.85 mm



15 61E/L



**113866** Alternator 14 V, 95 Amp.

Replacing: A13VI97, 2541770

Servicing: BMW

B+ M8, Grooves 5, Pulley SP, Fan IF

A: 77.50 B: 56.00 mm




**113870** Alternator 14 V, 70 Amp.

Replacing: SG8B017, 2542279

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 38.80 B: 14.00 C: 60.95 mm


**113871** Alternator 14 V, 150 Amp.

Replacing: SG9B050, SG14B017, 2542753, 2542608

Servicing: BMW, Porsche

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 29.60 B: 62.85 C: 41.65 mm


**113872<sup>#</sup>** Alternator 14 V, 80 Amp.

Replacing: TG9B025, SG9B067, SG9B064, SG8B022, A13V1282, 437223, 2542923A, 2542923, 2542803, 2542794, 2542488

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm


**113874** Alternator 14 V, 110 Amp.

Replacing: TG11C014, 2542696

Servicing: Seat, Skoda, VW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 39.30 B: 14.15 C: 61.15 mm


**113877** Alternator 14 V, 120 Amp.

Replacing: SG12B062, 2542582

Servicing: Mercedes-Benz

B+ M8, Grooves 7, Pulley SP/FW, Fan IF

A: 30.50 B: 69.90 C: 56.55 mm


**113878** Alternator 14 V, 120 Amp.

Replacing: SG12B075, SG12B047, 2542738, 2542509

Servicing: Audi, BMW

B+ M8, Grooves 6, Pulley SP/FW, Fan IF

A: 28.00 B: 70.00 C: 56.00 mm


**113879** Alternator 14 V, 100 Amp.

Replacing: SG7S020, 2542545

Servicing: Opel, Vauxhall

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 50.50 B: 33.50 C: 57.00 mm


**113881** Alternator 14 V, 150 Amp.

Replacing: TG15C064, TG15C038, TG15C012, 2543236, 2542852, 2542672

Servicing: BMW, Land Rover

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 60.65 B: 27.95 C: 76.00 mm


**113882** Alternator 14 V, 120 Amp.

Replacing: SG12B074, SG12B010, 2574347, 2542680, 2542232

Servicing: Audi, VW

B+ M8, Grooves 5, Pulley SP/FW, Fan IF

A: 34.40 B: 14.00 C: 82.60 mm


**113883** Alternator 14 V, 90 Amp.

Replacing: TG9C013, 2542736A, 2542736

Servicing: Ford

B+ M6, Grooves 6, Pulley SP, Fan IF

A: 39.58 B: 54.87 C: 74.00 mm


**113887** Alternator 14 V, 90 Amp.

Replacing: SG9B055, SG9B018, 2542650, 2542260

Servicing: Audi

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm

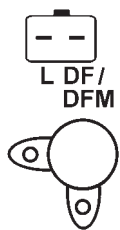

**113896** Alternator 14 V, 170 Amp.

Replacing: TG17C048, TG17C011, TG17C010B, TG17C010, 2543304, 2542613, 2542611

Servicing: BMW

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 60.50 B: 27.90 C: 75.90 mm



**113919** Alternator 14 V, 125 Amp.

Replacing: SG12B109, SG12B098, SG12B081, SG12B052, 2543385, 2543337, 2542817, 2542554

Servicing: Nissan, Renault

B+ M8, Grooves 7, Pulley SP, Fan IF

A: 32.50 B: 14.20 C: 60.70 mm



**113920** Alternator 28 V, 35 Amp.

Replacing: A13N236M, A13N236, A13N23, 2541476

Servicing: MAN, Mercedes-Benz, Padane

B+ M8, Terminal W, Pulley w/o, Fan w/o

B: 80.40 mm



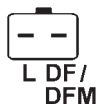
**113940** Alternator 14 V, 110 Amp.

Replacing: TG11C064, TG11C062, TG11C034, TG11C011, 2543562, 2543560, 2542945, 2542664

Servicing: Dacia, Nissan, Renault

B+ M8, Pulley w/o

B: 14.00 C: 60.00 mm



**113946** Alternator 14 V, 90 Amp.

Replacing: TG9B066, TG9B044, TG9B026, TG10B024, TG10B013, SG10B048, 2607212, 2543524, 2543522, 2543210

Servicing: Citroen, Fiat, Peugeot

B+ M8, Pulley w/o, Fan IF

B: 21.70 C: 45.90 mm



**113948** Alternator 14 V, 150 Amp.

Replacing: TG15C023, SG15S031, 2542839, 2542705

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 21.50 C: 45.40 mm



**113950** Alternator 14 V, 90 Amp.

Replacing: SG9B054, 2542708

Servicing: Citroen, Fiat, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 52.50 B: 26.40 C: 66.90 mm



**113961** Alternator 14 V, 120 Amp.

Replacing: A13VI243

Servicing: Massey Ferguson

B+ M6, Terminal W, Grooves 2, Pulley DP

A: 29.00 B: 14.30 C: 83.00 mm



**113992** Alternator 14 V, 140 Amp.

Replacing: TG14C015, TG14C011, 2542898, 2542695

Servicing: Audi, Seat, Skoda, VW

B+ M8, Pulley w/o, Fan IF

B: 14.60 C: 61.30 mm



**114026** Alternator 14 V, 80 Amp.

Replacing: A13VI85, A13VI31, 2541738B, 2541738, 2541360

Servicing: Citroen, Peugeot

B+ M8, Grooves 6, Pulley SP, Fan IF

A: 42.00 B: 27.00 C: 66.50 mm



**114042** Alternator 14 V, 180 Amp.

Replacing: TG17C030B, TG17C030, TG17C028, 2543289, 2542989, 2542969

Servicing: Jeep, Mercedes-Benz

B+ M8, Grooves 7, Pulley SP/FW  
Can also be supplied w/ 1 plug (PLUG125).

A: 31.00 B: 70.00 mm



**114044** Starter/Alternator Valeo StARS  
14 V, 150 Amp.

Replacing: ST35C010, 2603260

Servicing: Citroen

Grooves 6, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.90 mm



**114045** Starter/Alternator Valeo StARS  
14 V, 120 Amp.

Replacing: ST35C017, ST35C016, ST35C013, 2606924

Servicing: Smart (MCC)

Grooves 6, Pulley SP, Fan IF

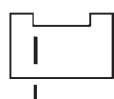
A: 42.50 B: 29.20 C: 46.80 mm



**114046** Starter/Alternator Valeo StARS  
14 V, 130 Amp.  
Replacing: ST35C015  
Servicing: Mercedes-Benz  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 30.40 B: 60.00 mm



**114077** Alternator 28 V, 40 Amp.  
Replacing: A13N272, A13N257, A13N190  
Servicing: KHD  
B+ M6, Terminal W, Pulley w/o  
*Dust proof.*



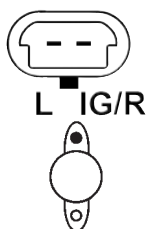
**114084** Alternator 14 V, 70 Amp.  
Replacing: A13N260, 2541671  
Servicing: Carrier Transicold  
B+ M6, Grooves 1, Pulley P, Fan EF  
A: 60.00 B: 40.00 mm



**114102** Alternator 14 V, 180 Amp.  
Replacing: TG17C061, TG17C041, 2543498B,  
2543498A, 2543498, 2543248A, 2543248  
Servicing: Mercedes-Benz  
B+ M8, Grooves 6, Pulley SP/FW, Fan IF  
A: 30.00 B: 70.00 C: 56.00 mm



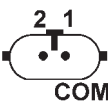
**114109** Alternator 14 V, 180 Amp.  
Replacing: TG17C019, 2542783  
Servicing: Audi, Seat, Skoda, VW  
B+ M8, Pulley w/o, Fan IF  
B: 14.50 C: 60.60 mm



**114114** Alternator 14 V, 65 Amp.  
Replacing: TA000A52202, AB165104,  
2655476, 219251  
Servicing: Chevrolet  
B+ M6, Grooves 1, Pulley P, Fan IF  
A: 42.00 B: 14.35 C: 66.00 mm



**114130** Alternator 14 V, 150 Amp.  
Replacing: TG15C121, TG15C057, TG15C056,  
TG15C034, 2543570, 2543412, 2543363,  
2542952, 2542772  
Servicing: Mercedes-Benz  
B+ M8, Grooves 5, Pulley SP/FW, Fan IF  
A: 30.00 B: 151.00 mm



**114131** Alternator 14 V, 90 Amp.  
Replacing: TG9B042, 2543509  
Servicing: Renault  
B+ M8, Grooves 7, Pulley SP, Fan IF  
A: 32.00 B: 14.25 C: 61.00 mm



**114189** Alternator 14 V, 180 Amp.  
Replacing: TG17C035, TG17C021B,  
TG17C021, 2543293A, 2543293, 2543221D,  
2543221, 2542785  
Servicing: BMW  
B+ M8, Grooves 6, Pulley SP, Fan IF  
A: 57.00 B: 46.00 C: 75.00 mm



**114219** Alternator 14 V, 50 Amp.  
Replacing: TA000A58101  
Servicing: Daedong Kiotti  
B+ M6, Terminal W, Grooves 1,  
Pulley P  
A: 43.00 B: 15.00 C: 66.00 mm



**114293** Alternator 14 V, 80 Amp.  
Replacing: TG8S024, 2543488A, 2543488  
Servicing: Nissan  
B+ M8, Grooves 4, Pulley SP, Fan IF  
A: 45.50 B: 13.00 C: 67.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114322\*** Alternator 14 V, 140 Amp.  
Replacing: TG14C020, 2543396A  
Servicing: Audi  
Grooves 6, Pulley SP/FW, Fan IF





**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114385\*** Alternator 14 V, 170 Amp.  
 Replacing: TG17C034, 2543222B, 2543222  
 Servicing: BMW  
 Grooves 6, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114406\*** Alternator 14 V, 115 Amp.  
 Replacing: TG11C059, TG11C036, 2543508  
 Servicing: Smart (MCC)  
 Grooves 5, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114451\*** Alternator 14 V, 105 Amp.  
 Replacing: TG9S039, TG9S011, 2543479A,  
 2543479, 2542729  
 Servicing: Fiat, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114467\*** Alternator 14 V, 90 Amp.  
 Replacing: 2655447  
 Servicing: Hyundai, Kia  
 Grooves 6, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114509\*** Alternator 14 V, 150 Amp.  
 Replacing: 2542966  
 Grooves 7, Pulley SP/FW, Fan IF


**113708** Alternator 14 V, 115 Amp.

Replacing: 20-150-01004

Servicing: Ford

 B+ M6, Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.00 B: 55.00 C: 74.00 mm

**113912** Alternator 14 V, 80 Amp.

Replacing: 20-150-01002

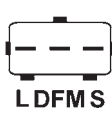
Servicing: Ford, Mazda

 B+ M8, Pulley w/o, Fan IF  
 B: 21.00 C: 45.00 mm

**113709** Alternator 14 V, 115 Amp.

Replacing: 20-150-01006, 20-150-01005

Servicing: Ford, Jaguar

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 55.00 C: 86.50 mm

**113913** Alternator 14 V, 124 Amp.

Replacing: 20-150-01007

Servicing: Ford

 B+ M6, Grooves 7, Pulley SP/FW, Fan IF  
 A: 40.00 B: 55.00 C: 74.00 mm

**113710** Alternator 14 V, 110 Amp.

Replacing: 20-150-01010, 20-150-01009

Servicing: Ford

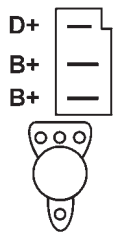
 B+ M5, Pulley w/o, Fan IF  
 B: 14.00 C: 69.00 mm

**113883** Alternator 14 V, 90 Amp.

Replacing: 20-150-01001

Servicing: Ford

 B+ M6, Grooves 6, Pulley SP, Fan IF  
 A: 39.58 B: 54.87 C: 74.00 mm



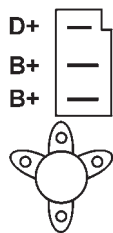
**110497** Alternator 14 V, 70 Amp.

Replacing: 9120690170, NAB900, 66921126, 66021070, 66021155, 66021126K, 66021126

Servicing: Austin-Healey

B+ 9.40, Terminal W, Grooves 1, Pulley P, Fan EF  
w/ mounting bearing bracket for left and right engine side.

A: 41.50 B: 10.50 C: 84.00 mm



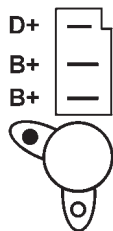
**110577** Alternator 28 V, 55 Amp.

Replacing: NAB903, 66021483, 66021198, 66021134

Servicing: Various

B+ M6, Terminal W, Grooves 2, Pulley DP, Fan EF  
w/ mounting bearing bracket for left and right engine side.

A: 115.20 B: 80.10 mm

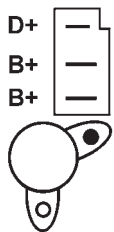


**110968** Alternator 14 V, 70 Amp.

Replacing: NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

B+ M6, Grooves 1, Pulley P, Fan EF  
A: 37.00 B: 11.00 C: 82.00 mm



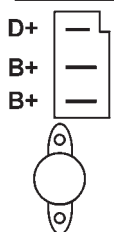
**110969** Alternator 14 V, 65 Amp.

Replacing: NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012

Servicing: Land Rover

B+ M6, Grooves 1, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm



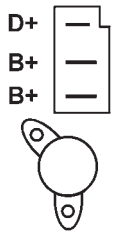
**110970** Alternator 14 V, 65 Amp.

Replacing: 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38

Servicing: Massey Ferguson

B+ M6, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm



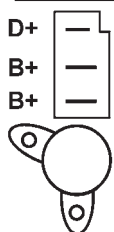
**110972** Alternator 14 V, 65 Amp.

Replacing: NAB304, 66021149, 66021101, 60021056, 60021055, 60021054

Servicing: Opel, Vauxhall

B+ Plug, Grooves 1, Pulley P, Fan EF

A: 87.90 B: 56.00 mm



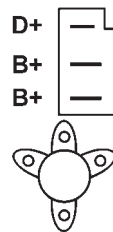
**110975** Alternator 14 V, 65 Amp.

Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584

Servicing: Audi, VW

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 82.85 B: 56.25 mm



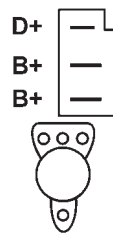
**110976** Alternator 14 V, 65 Amp.

Replacing: NAB904, NAB902, 66021485, 66021160, 66021153

Servicing: Various

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF  
w/ mounting bearing bracket for left and right engine side. Universal Alternator.

B: 56.00 mm



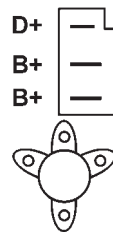
**110977** Alternator 28 V, 35 Amp.

Replacing: NAB901, NAB501, 66021174, 66021168

Servicing: Universal

B+ M6, Terminal W, Grooves 1, Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm



**111204** Alternator 14 V, 70 Amp.

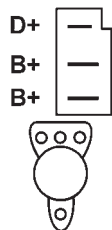
Replacing: NAB905, 24166, 24017, 24016, 24014, 23999, 23991, 23986A, 23986, 66021486, 66021169

Servicing: Case, Jaguar

B+ M6, Grooves 1, Pulley P, Fan EF  
w/ mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm





**112237** Alternator 14 V, 70 Amp.

Replacing: NAB900M, LEA0441,66021126M

Servicing: Various

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF  
Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00-43.00 B: 10.90 C: 84.00 mm



**113152** Alternator 14 V, 90 Amp.

Replacing: NAB9000M, 66021590M

Servicing: Various

B+ M6, Terminal W, Grooves 1, Insulated return, Pulley P, Fan EF  
For right and left mounting.

A: 44.50 B: 13.50 C: 82.20 mm



**113589** Alternator 28 V, 180 Amp.

Replacing: 160-60282

B+ M8, Terminal W, Grooves 2, Pulley DP, Fan EF

B- M8. Shaft 30 mm.

A: 54.00 B: 16.15 C: 180.00 mm



**113650** Alternator 28 V, 80 Amp.

Replacing: 160-68223

Servicing: Volvo

B+ M8, Terminal W, Pulley w/o, Fan EF

B: 13.80 C: 90.90 mm



**113857#** Alternator 14 V, 11 Amp.

Replacing: VA-12000

B+ 9.4, Grooves 1, Pulley SP, Fan w/o  
Permanent magnet.

A: 48.45 B: 26.30 mm



**110482** Generator 12 V, 22 Amp.

Replacing: NDB100, 26021103, 22789, 22785, 22775, 22767, 22765B, 22765, 22754, 22748, 22747, 22742, 22725

Servicing: Austin, Case, Ford, Lotus, MG, Morris, Triumph

OD 144.00, Total length 260.00,

Pulley w/o



**110483** Generator 12 V, 11 Amp.

Replacing: NDB101, 26021104, 22791, 22788, 22780, 22733J, 22733E, 22733, 22719J, 22719H, 22719, 22708, 22703M

Servicing: Allis Chalmers, Case, Massey Ferguson

OD 144.00, Total length 260.00



**110484** Generator 12 V, 22 Amp.

Replacing: 22792, 22783, 22769, 22764, 22762E, 22762, 22761, 22758, 22756

Servicing: Allis Chalmers, Case, Ford, Massey Ferguson

OD 144.00, Total length 260.00,

Pulley w/o



**111225** Generator 12 V, 30 Amp.

Replacing: 0101304014, 0101304013, 0101302118, 0101302117, 0101302116, 0101302115, 0101302112, 0101302111

Servicing: VW

OD 105.00, Total length 160.00,

Pulley w/o, Rpm./ max. No



**111919** Generator 12 V, 11 Amp.

Replacing: G113-01A

Servicing: Harley Davidson

OD 96.00, Total length 235.00,

Pulley w/o

Regulator: Cargo 235781. CCW.



# Starters

Edition 2013/2014







**110149** Starter 12 V, 0.9 kW  
 Replacing: 9000692069  
 Servicing: Mazda, Mercury  
 B+ M8, Total length 198.00,  
 Gear type DD, Mounting holes 3 (2)  
 A: 74.00 B: 15.00 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: 9000084024, 9000084019,  
 0001417041, 0001411012, 0001411008  
 Servicing: Volvo  
 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: 0001416079, 0001416078,  
 0001416023, 0001416002, 0001415027,  
 0001415001, 0001410088, 0001410002  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: 0001416070, 0001416007,  
 0001416005, 0001415013, 0001414019,  
 0001410046, 0001402057  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110208** Starter 24 V, 5.4 kW  
 Replacing: BNG4/24CRS162, 9000084018,  
 0001416076, 0001416021, 0001416009,  
 0001416008, 0001415016, 0001415004  
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo  
 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 89.00 B: 48.50 mm



**110209** Starter 24 V, 5.4 kW  
 Replacing: 9000084008, 0001416043,  
 0001410067, 0001410060  
 Servicing: DAF  
 B+ M12, B- M12, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: 0001417051, 0001417038,  
 0001417001, 0001411009, 0001410024  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110211<sup>#</sup>** Starter 24 V, 6.6 kW  
 Replacing: 0001417047, 0001411013,  
 0001410005  
 Servicing: Scania  
 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 48.00 mm



**110212** Starter 24 V, 6.6 kW  
 Replacing: 0001417046, 0001417045,  
 0001416048, 0001415015, 0001415014,  
 0001411005, 0001410115, 0001410098  
 Servicing: Iveco, Scania  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: 0001417005, 0001411025, 0001410065

Servicing: Fiat, Iveco

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 115.00 B: 20.80 mm

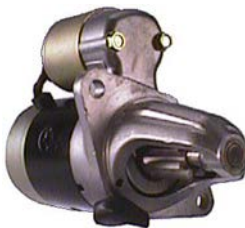

**110214** Starter 24 V, 6.6 kW

Replacing: 0001501035, 0001501033, 0001501029, 0001501020, 0001417043, 0001415008, 0001410037

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110279** Starter 12 V, 0.8 kW

Replacing: 0001112018

Servicing: Nissan, VW

 B+ M8, Total length 227.50,  
 Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 42.00 mm


**110283** Starter 12 V, 1.0 kW

Replacing: 9000595824, 9000595801

Servicing: Mazda

 B+ M8, Total length 206.50,  
 Gear type DD, Mounting holes 2 (0)

A: 74.00 B: 19.70 mm


**110336** Starter 12 V, 0.75 kW

Replacing: B001111025, 0001211989, 0001211533, 0001211513, 0001211228, 0001211206, 0001211049, 0001208718

Servicing: Ford, Mercury, Triumph

 B+ M8, 15a M5, Total length 224.50,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110337** Starter 12 V, 0.85 kW

Replacing: 9000333116, 9000333115, 0001208423, 0001208409, 0001208232, 0001208223, 0001208172

Servicing: Ford

 B+ M8, 15a M5, Total length 235.00,  
 Gear type DD, Mounting holes 3 (3)

A: 76.00 B: 13.00 mm


**110341** Starter 12 V, 0.8 kW

Replacing: 0001208229, 0001208202, 0001208054, 0001208053, 0001208039, 0001208038

Servicing: Bedford, Opel, Vauxhall

 B+ M8, 15a 6.30, Total length 260.00,  
 Gear type DD, Mounting holes 2 (0)

A: 77.85 B: 15.00 mm


**110347** Starter 24 V, 7.5 kW

Replacing: 0001420011, 0001420010, 0001420008, 0001420006, 0001420002

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

 B+ M12, 15a M4, Total length 522.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 50MT

A: 92.00 B: 47.00 mm


**110351** Starter 12 V, 1.3 kW

Replacing: 0001108099

Servicing: Lada

 B+ M8, Total length 245.00,  
 Gear type DD, Mounting holes 3 (0),  
 Bushing D.E. (clutch house): Cargo 140043.

A: 83.00 B: 34.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: 0001208218

Servicing: Fiat, Lada

 B+ M8, Total length 237.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (3)

A: 83.00 B: 21.30 mm


**110363** Starter 12 V, 0.7 kW

Replacing: R007042024, 9007042024, 9000082009, 9000042034, 9000042027, 9000042021, 0001211998, 0001211997  
 Servicing: BMW, Porsche, VW  
 B+ M8, Total length 214.00,  
 Gear type DD, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140008.  
 A: 76.00 B: 33.00 mm


**110364** Starter 12 V, 0.65 kW

Replacing: 0001157029, 0001157025, 0001157013, 0001157012, 0001157010, 0001157009, 0001157004, 0001157003  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 68.00 B: 14.00 mm


**110365** Starter 12 V, 0.8 kW

Replacing: 9000334102, 9000333122, 9000330939, 9000141107, 9000141101  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Replacing: 9004475310, 9000330950, 9000330937, 9000330910, 9000330119, 9000141112, 9000141111, 9000141103  
 Servicing: Dacia, DAF, Renault, Volvo  
 B+ M8, Total length 200.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 66.00 B: 10.50 mm


**110368** Starter 12 V, 2.3 kW

Replacing: 9000331419, 9000143408, 9000143406, 0001362601, 0001362600, 0001362047, 0001362030, 0001362029  
 Servicing: Audi, Mercedes-Benz, Seat, Volvo  
 B+ M10, Total length 289.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 82.50 B: 21.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: 9000333121, 0001112032  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 189.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 65.85 B: 4.35 mm


**110409** Starter 12 V, 3.0 kW

Replacing: BNG4/12, 0001418002, 0001413003, 0001401045, 0001401044, 0001401037, 0001401036, 0001401005  
 Servicing: Kaelble, Mack, Sennebogen  
 B+ M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110439** Starter 12 V, 2.0 kW

Replacing: 9000143400, 0001362008  
 Servicing: Buhner, Compar, Eicher, Massey Ferguson  
 B+ M8, Total length 309.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 25.00 mm


**110443** Starter 12 V, 2.1 kW

Replacing: 0001362093  
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover  
 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm


**110454** Starter 12 V, 3.6 kW

Replacing: 0001367055, 0001359110  
 Servicing: Ford  
 B+ M8, Total length 371.00,  
 Gear type DD, Mounting holes 3 (0), Oil sealed  
 A: 92.00 B: 20.00 mm


**110460** Starter 12 V, 2.8 kW

Replacing: 0001367022, 0001359126  
 Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson  
 B+ M8, Total length 307.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm




**110461** Starter 12 V, 2.8 kW

Replacing: 0001362307, 0001358202, 0001358201, 0001358200

Servicing: Ford, Lancer Boss

B+ M8, 30h M5, Total length 272.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: 9007044014, 0001362067

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Total length 319.45,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110465** Starter 12 V, 2.8 kW

Replacing: 0001359082

Servicing: Ford

B+ M8, Total length 309.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 0001363111, 0001363101

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, Total length 295.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 0001368020, 0001360063

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110519** Starter 12 V, 3.0 kW

Replacing: 0001367073, 0001367030, 0001367026, 0001359071

Servicing: Iveco, Volvo

B+ M10, Total length 340.50,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: 0001368021, 0001360027, 0001360007, 0001359127

Servicing: Cummins, Fiat-Allis

B+ M10, Total length 343.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: 0001368019, 0001360043, 0001360015

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 343.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: 0986012720, 0001367029, 0001359122, 0001230009

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Total length 341.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: 0001368088, 0001368007, 0001368001, 0001360035, 0001360030, 0001360014, 0001360012, 0001360003

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Gear type DD,

Mounting holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: B001816326, 9000143601, 9000083065, 0001368309, 0001368307, 0001368300, 0001368062, 0001368055

Servicing: Mercedes-Benz

B+ M10, Total length 341.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm



**110525** Starter 12 V, 3.0 kW

Replacing: 9007044002, 9000083054, 9000083028, 0001367303, 0001367301, 0001367300, 0001367059, 0001367034

Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110527** Starter 24 V, 4.0 kW

Replacing: 0001368316, 0001368301, 0001368010, 0001360057, 0001360039, 0001360038, 0001360010

Servicing: Scania, Steyr  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110529** Starter 12 V, 3.0 kW

Replacing: 0001367082, 0001367028, 0001367023, 0001359102, 0001359021

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.00 mm



**110530** Starter 12 V, 3.0 kW

Replacing: EJD3/12BR3, 0004314011, 0001367013, 0001362035, 0001362022, 0001362009, 0001359108, 0001359004

Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 22.00 mm



**110531** Starter 24 V, 6.6 kW

Replacing: 0001417036, 0001417017, 0001410041, 0001410016, 0001410015

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 0 (0)  
 A: 56.00 B: 43.00 mm



**110532** Starter 24 V, 6.6 kW

Replacing: 0001417074, 0001417073, 0001417006, 0001411026, 0001411017

Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 115.00 B: 21.00 mm



**110533** Starter 24 V, 5.4 kW

Replacing: 0001416003, 0001415011, 0001410062

Servicing: Steyr  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110534** Starter 24 V, 5.4 kW

Replacing: 0001416035, 0001416030, 0001410109, 0001410099, 0001410063, 0001410053

Servicing: Fiat, Ford, Iveco  
 B+ M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110535** Starter 24 V, 5.4 kW

Replacing: 0001416036, 0001410111

Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: 26025155A, 0001367004, 0001362313, 0001362311, 0001362305, 0001362091, 0001362034, 0001362016

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, Total length 287.50, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110537** Starter 12 V, 3.6 kW

Replacing: BNG4/12CR247, BNG4/12CR215, 0001418012, 0001418001, 0001413006, 0001413002, 0001413001, 0001401066

Servicing: Volvo BM

B+ M10, B- M10, Total length 384.50, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110538** Starter 12 V, 3.6 kW

Replacing: BNG4/12CR238, 0001418009, 0001401060, 0001401023

Servicing: Volvo Penta

B+ M10, B- M10, Total length 384.00, Gear type DD, Mounting holes 3 (0), Insulated return

A: 89.00 B: 47.00 mm


**110539** Starter 12 V, 3.6 kW

Replacing: 0001418014, 0001413017

Servicing: Claas, Mercedes-Benz, New Holland

B+ M10, B- M10, Total length 384.50, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: 0001367067, 0001367032, 0001359124, 0001359047

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Total length 335.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110550** Starter 24 V, 4.0 kW

Replacing: 0001402040

Servicing: Ikarus, Kaelble-Gmeinder, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Ssangyong, Steyr, Volvo, ZTS Tees

B+ M10, Total length 378.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110551** Starter 12 V, 3.0 kW

Replacing: 0001367009, 0001359099, 0001359053, 0001359048, 0001359001

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, Total length 326.50, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110552** Starter 12 V, 1.2 kW

Replacing: 0001107078

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, Total length 194.00, Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: 9004475058, 0001367040

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110582** Starter 24 V, 5.4 kW

Replacing: 0001416052, 0001416011, 0001415017, 0001410106

Servicing: Iveco

B+ M10, B- M10, Total length 384.00, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm




**110584** Starter 12 V, 1.2 kW

Replacing: 0001112041, 0001112029, 0001112019, 0001112007

 Servicing: Citroen, Peugeot  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 66.00 B: -7.00 mm

**110585** Starter 12 V, 1.2 kW

Replacing: 9000333117, 0001208717, 0001208528, 0001208526, 0001208517, 0001208515

 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15,  
 Gear type DD, Mounting holes 4 (4)  
 A: 66.00 B: -2.00 mm

**110587** Starter 12 V, 1.2 kW

Replacing: 0001208707, 0001208516

 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20,  
 Gear type DD/GR, Mounting holes 3 (3)  
 A: 66.00 B: -4.00 mm

**110615** Starter 12 V, 2.8 kW

Replacing: 9004475035

 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins  
 B+ M8, Total length 312.25,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.60 mm

**110624#** Starter 12 V, 0.65 kW

Replacing: 0001211241

 Servicing: Skoda  
 B+ M10, 15a 6.30, Total length 199.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 26.70 mm

**110637** Starter 12 V, 0.4 kW

Replacing: 0001160002

 Servicing: Lombardini  
 B+ M6, Total length 182.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 62.00 B: 27.50 mm

**110640** Starter 12 V, 3.0 kW

Replacing: 0001367014, 0001359091

 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long  
 B+ M10, Total length 310.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.00 mm

**110771** Starter 12 V, 0.8 kW

Replacing: 0001211996, 0001211995, 0001211991, 0001211514, 0001211229, 0001211055, 0001211019, 0001211018

 Servicing: Ford  
 B+ M8, 15a M5, Gear type DD,  
 Mounting holes 2 (0)  
 A: 76.00 B: 5.40 mm

**110772** Starter 12 V, 1.0 kW

Replacing: 0001311045, 0001311025, 0001311016

 Servicing: BMW  
 B+ M8, 15a 6.30, Total length 271.25,  
 Gear type DD, Mounting holes 2 (0)  
 A: 76.00 B: 27.30 mm

**110774#** Starter 12 V, 0.9 kW

Replacing: 0001208406, 0001208214, 0001208205, 0001208203

 Servicing: Talbot  
 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 83.00 B: 11.50 mm

**110775** Starter 12 V, 1.8 kW

Replacing: 0001362038, 0001362028, 0001362027, 0001362004, 0001362003

 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 288.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 83.00 B: 20.00 mm

**110793** Starter 12 V, 0.9 kW

Replacing: 0001208211

 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 66.00 B: 22.00 mm


**110812** Starter 12 V, 2.0 kW

Replacing: 0001362073

 Servicing: Alfa Romeo, Fiat, Seat  
 B+ M10, Total length 293.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 27.00 mm

**110813** Starter 12 V, 2.7 kW

 Replacing: 0001362105, 0001362039,  
 0001362032, 0001223504, 0001223503

 Servicing: Agrifull, Allis Chalmers, Benfra,  
 Fiat, Fiat-Allis, Goldoni, Iveco, Skoda, VW  
 B+ M10, Total length 294.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 25.00 mm

**110814** Starter 12 V, 2.7 kW

Replacing: 0001362062

 Servicing: Alfa Romeo, Benfra, Fiat, Iveco,  
 Lancia, Massey Ferguson, Renault  
 B+ M10, Total length 296.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.80 mm

**110818** Starter 12 V, 2.1 kW

Replacing: 0001362084, 0001362060

 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 24.60 mm

**110819** Starter 12 V, 2.8 kW

Replacing: 0001362049

 Servicing: Eicher, Massey Ferguson, Perkins  
 B+ M8, Total length 311.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 22.25 mm

**110824** Starter 12 V, 1.1 kW

 Replacing: 9000693013, 0001311143,  
 0001311142, 0001311141, 0001311140,  
 0001311137, 0001311136, 0001311122

 Servicing: Audi, Porsche, VW  
 B+ M8, 15a M5, Total length 255.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.00 B: 20.60 mm

**110825#** Starter 12 V, 0.9 kW

Replacing: 0001211242

 Servicing: Alfa Romeo, Bertone, Fiat,  
 Lancia, Seat  
 B+ M8, 15a 6.30, Total length 222.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.00 B: 13.00 mm

**110826** Starter 12 V, 0.8 kW

 Replacing: 9000330922, 9000141108,  
 0001157021

 Servicing: Fiat, Seat  
 B+ M8, Total length 253.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 82.40 B: 23.00 mm

**110831** Starter 12 V, 0.8 kW

 Replacing: 0001211515, 0001211239,  
 0001211237, 0001208519, 0001208514,  
 0001208220

 Servicing: Ford  
 B+ M8, Total length 258.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 31.00 mm

**110835** Starter 12 V, 1.1 kW

Replacing: 0001208400

 Servicing: DeLorean, Renault  
 B+ M8, Total length 197.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.00 B: 3.00 mm

**110836#** Starter 12 V, 1.6 kW

 Replacing: 0001314026, 0001311132,  
 0001110005

 Servicing: Fiat, Lancia, Seat  
 B+ M8, Total length 266.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 82.40 B: 22.00 mm

**110837#** Starter 12 V, 1.05 kW

 Replacing: 9000333106, 9000333104,  
 9000142003

 Servicing: Citroen, Peugeot, Rover, Talbot  
 B+ M8, Total length 222.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 74.50 B: 5.70 mm


**110838** Starter 12 V, 1.5 kW

Replacing: B001315183, 0001315183, 0001314030, 0001314029, 0001314005

Servicing: Mercedes-Benz

 B+ M8, 15a M5, Total length 270.65,  
 Gear type DD, Mounting holes 2 (2)

A: 82.40 B: 20.25 mm


**110839** Starter 12 V, 1.7 kW

Replacing: B001117012, 0001110115, 0001110055, 0001110012

Servicing: Opel, Vauxhall

 B+ M8, Total length 269.50,  
 Gear type GR, Mounting holes 2 (1)

A: 82.00 B: 19.60 mm


**110840** Starter 12 V, 1.1 kW

Replacing: 0001311128, 0001108141, 0001108117, 0001108100

Servicing: Ford

 B+ M8, Total length 139.75,  
 Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 29.40 mm


**110842** Starter 12 V, 1.4 kW

Replacing: 0001108133, 0001108119, 0001108118, 0001108109, 0001108084, 0001108035

Servicing: Ford, Merkur, Saab

 B+ M8, Total length 243.30,  
 Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 5.35 mm


**110844** Starter 12 V, 2.2 kW

Replacing: 0001218122, 0001218011

Servicing: Bedford, Ferrari, Goldoni, Lombardini, Opel, Valpadana, Vauxhall, VW

 B+ M8, Total length 278.45,  
 Gear type GR, Mounting holes 2 (0)

A: 82.00 B: 17.20 mm


**110847** Starter 12 V, 1.4 kW

Replacing: 0001208225, 0001131112, 0001108184, 0001108171, 0001108151, 0001108079, 0001108078, 0001108047

Servicing: Ford, Opel, Saab, Toyota, Vauxhall

 B+ M8, Total length 242.50,  
 Gear type GR, Mounting holes 2 (1)

A: 82.50 B: 19.00 mm


**110851<sup>#</sup>** Starter 12 V, 1.8 kW

Replacing: 0001110065, 0001110051

Servicing: Ford

 B+ M8, Total length 266.50,  
 Gear type GR, Mounting holes 3 (3)

A: 76.25 B: 14.50 mm


**110858** Starter 12 V, 0.7 kW

Replacing: 9000692062, 0001211222, 0001211221

Servicing: VW

 B+ M8, Total length 230.00,  
 Gear type DD, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140008.

A: 76.00 B: 44.00 mm


**110862** Starter 12 V, 1.5 kW

Replacing: 0001314036, 0001314035, 0001314027

Servicing: Mercedes-Benz, Puch (Steyr-Daimler)

 B+ M8, 15a M5, Total length 265.00,  
 Gear type DD, Mounting holes 2 (2)

A: 82.50 B: 24.40 mm


**110864** Starter 12 V, 1.0 kW

Replacing: 9000692051, 0001212207, 0001212206

Servicing: VW

 B+ M8, 15a 6.30, Total length 229.70,  
 Gear type GR, Mounting holes 3 (0)

A: 82.50 B: 13.15 mm


**110865** Starter 12 V, 0.95 kW

Replacing: B001180009, 9000082059, 9000082050, 0001211505, 0001211504, 0001208714, 0001208713, 0001208712

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 228.75,  
 Gear type DD, Mounting holes 3 (3)  
 Bushing D.E. (clutch house): Cargo 140500.

A: 82.50 B: 15.00 mm




**110867** Starter 12 V, 1.7 kW

Replacing: B001117070, 0001317023, 0001110105, 0001110104, 0001110088, 0001110064, 0001110043, 0001110019

Servicing: Ford, Mazda

B+ M8, Total length 265.00,  
Gear type GR, Mounting holes 3 (3)  
A: 76.00 B: 14.25 mm


**110868** Starter 12 V, 1.1 kW

Replacing: 0001311120, 0001311109, 0001311101, 0001311049, 0001311046, 0001311037, 0001311034, 0001311033

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph

B+ M8, 15a M5, Total length 255.25,  
Gear type DD, Mounting holes 2 (0)  
A: 76.00 B: 4.50 mm


**110869** Starter 12 V, 1.5 kW

Replacing: 0001314033, 0001314018, 0001314002, 0001313007, 0001313005, 0001313003, 0001313001

Servicing: Audi, Mercedes-Benz

B+ M8, Gear type DD,  
Mounting holes 2 (1)  
A: 82.50 B: 22.00 mm


**110870<sup>#</sup>** Starter 12 V, 1.0 kW

Replacing: 0001311149, 0001311113, 0001311048, 0001311038

Servicing: Ford, Mercury

B+ M8, 15a M5, Total length 256.50,  
Gear type DD, Mounting holes 3 (0)  
A: 88.80 B: 27.30 mm


**110932** Starter 24 V, 5.4 kW

Replacing: 0001416044, 0001410068, 0001410057

Servicing: DAF

B+ M10, B- M10, Total length 384.50,  
Gear type DD, Mounting holes 3 (0),  
Insulated return  
A: 88.85 B: 47.00 mm


**110980** Starter 24 V, 5.4 kW

Replacing: 0001416065, 0001416061

Servicing: Volvo

B+ M10, B- M10, Total length 387.00,  
Gear type DD, Mounting holes 3 (0)  
A: 92.00 B: 47.00 mm


**110981** Starter 24 V, 5.4 kW

Replacing: 0001416067, 0001416062

Servicing: DAF

B+ M12, B- M10, Total length 387.00,  
Gear type DD, Mounting holes 3 (0)  
A: 110.00 B: 47.50 mm


**110996** Starter 12 V, 1.7 kW

Replacing: B001329010, 0001317021, 0001317020, 0001317019, 0001317018, 0001317015, 0001317014, 0001317010

Servicing: VW

B+ M8, Total length 265.00,  
Gear type DD, Mounting holes 2 (0)  
Bushing D.E. (clutch house): Cargo 140008.  
A: 76.00 B: 32.00 mm


**110997** Starter 12 V, 0.8 kW

Replacing: 0001208217, 0001208216, 0001208208, 0001208201, 0001208200, 0001208061, 0001208060, 0001208058

Servicing: Audi, Mercedes-Benz, Pontiac, Porsche, VW

B+ M8, 15a M5S, Total length 234.75,  
Gear type DD, Mounting holes 2 (1)  
A: 82.45 B: 21.20 mm


**110998** Starter 24 V, 5.2 kW

Replacing: 0001368038

Servicing: DAF, Ford

B+ M8, Total length 166.00,  
Gear type DD, Mounting holes 3 (0)  
A: 92.00 B: 21.00 mm


**110999** Starter 24 V

Replacing: 0001420013, 0001420009, 0001420005, 0001420004, 0001420003, 0001420001

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, 15a M5, Total length 499.50, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111000** Starter 24 V

Replacing: 0001371020, 0001371018

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, Total length 497.50, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

Replacing: 2MT.

A: 92.00 B: 47.25 mm


**111001** Starter 12 V, 3.0 kW

Replacing: 0001367005, 0001362036, 0001362023, 0001359113, 0001359083, 0001359056, 0001359038, 0001358005

Servicing: Lamborghini, Same, Steyr

B+ M10, Total length 320.00, Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 20.60 mm


**111003** Starter 24 V, 5.4 kW

Replacing: 0001416004, 0001415007, 0001410094, 0001410052

Servicing: Hanomag, Mercedes-Benz

B+ M10, Total length 387.50, Gear type DD, Mounting holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


**111004** Starter 12 V, 2.4 kW

Replacing: 0001362046, 0001358047

Servicing: Atlas Copco, KHD

B+ M10, Total length 294.50, Gear type DD, Mounting holes 2 (0)

A: 82.50 B: 19.50 mm


**111010** Starter 12 V, 1.4 kW

Replacing: 0001108102, 0001108101, 0001108073, 0001108072, 0001108029, 0001108028, 0001108027, 0001108026

Servicing: Audi, VW

B+ M8, 15a 6.30, Total length 243.25, Gear type GR, Mounting holes 2 (1)

A: 82.50 B: 20.80 mm


**111015** Starter 12 V, 1.1 kW

Replacing: 0001108129, 0001107085, 0001107062, 0001107033

Servicing: Lombardini

B+ M8, Total length 216.25, Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 15.00 mm


**111025** Starter 12 V, 0.8 kW

Replacing: 0001211536

Servicing: Autobianchi, Fiat, Lancia

B+ M8, Total length 199.25, Gear type DD, Mounting holes 3 (2)

A: 64.00 B: 11.00 mm


**111029** Starter 12 V, 1.4 kW

Replacing: 0001108162, 0001108125, 0001108112, 0001108074

Servicing: Citroen, Nissan, Peugeot, Rover

B+ M8, Total length 207.00, Gear type GR, Mounting holes 3 (1)

A: 62.00 B: -3.00 mm


**111030** Starter 12 V, 1.4 kW

Replacing: B001111475, 0001114021, 0001114017, 0001114008, 0001112009, 0001108155, 0001108132, 0001108110

Servicing: Ford

B+ M8, 15a M6, Total length 246.00, Clutch type Wet, Gear type GR, Mounting holes 3 (0)

A: 76.20 B: 14.00 mm


**111046** Starter 24 V, 6.6 kW

Replacing: 0001417002

Servicing: MAN, Volvo

B+ M10, Total length 404.00, Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 48.00 mm


**111047** Starter 12 V, 3.1 kW

Replacing: 0001367049, 0001359119

Servicing: Volvo, Volvo Penta

B+ M8, 15a 6.30, Total length 302.75,

Gear type GR, Mounting holes 3 (0),

Insulated return

A: 88.85 B: 47.70 mm


**111052** Starter 12 V, 1.5 kW

 Replacing: 0001314045, 0001314043,  
0001314032, 0001314025, 0001311150,  
0001311100, 0001311042

Servicing: BMW, Ford

B+ M8, 15a 4.70, Total length 261.00,

Gear type DD, Mounting holes 2 (0)

A: 76.10 B: 28.00 mm


**111053** Starter 12 V, 0.8 kW

 Replacing: 0001211535, 0001211512,  
0001211232, 0001211227

Servicing: Ford

B+ M8, 15a M5, Total length 217.00,

Gear type DD, Mounting holes 3 (3)

A: 76.00 B: 13.00 mm


**111054** Starter 12 V, 1.1 kW

 Replacing: EGD1/12AR37, 0001311114,  
0001311104, 0001311103, 0001311032,  
0001311027, 0001311001, 0001305016

Servicing: Volvo, Volvo Penta

B+ M8, 15a 6.30, Total length 206.00,

Gear type DD, Mounting holes 2 (0)

A: 82.40 B: 35.00 mm


**111055** Starter 12 V, 0.7 kW

 Replacing: 0001157030, 0001157028,  
0001157024, 0001112008

Servicing: Opel, Pontiac, Vauxhall

B+ M8, 15a 6.30, Total length 229.50,

Gear type DD, Mounting holes 2 (0)

A: 67.95 B: 18.25 mm


**111056** Starter 12 V, 0.8 kW

Replacing: 0001208224

Servicing: Opel, Vauxhall

B+ M8, Total length 243.50,

Gear type DD, Mounting holes 2 (1)

A: 82.40 B: 17.00 mm


**111058** Starter 12 V, 0.8 kW

 Replacing: 0001211530, 0001211529,  
0001211526, 0001211525, 0001113002,  
0001113001

Servicing: Audi, Seat, VW

B+ M8, 15a 6.30, Total length 215.50,

Gear type DD, Mounting holes 3 (2)

Bushing d.e. (clutch house): Cargo 140500.

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

 Replacing: B001181007, B001110116,  
9000692050, 9000042057, 0001211258,  
0001211257, 0001208419, 0001208418

Servicing: Seat, VW

B+ M8, 15a 6.30, Total length 230.00,

Gear type DD/GR, Mounting holes 3 (0)

Bushing D.E. (clutch house): Cargo 140008.

A: 76.00 B: 33.00 mm


**111060** Starter 12 V, 1.7 kW

 Replacing: B001117071, 0001125015,  
0001117008, 0001110134, 0001110133,  
0001110015, 0001110014, 0001110002

Servicing: VW

B+ M8, Total length 264.35,

Gear type GR, Mounting holes 3 (0)

Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 31.80 mm


**111061** Starter 12 V, 0.8 kW

 Replacing: 0001211254, 0001211253,  
0001211252, 0001211251

Servicing: VW

B+ M8, Total length 230.00,

Gear type DD, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140008.

A: 76.10 B: 44.50 mm




**111063** Starter 12 V, 1.2 kW

Replacing: 9000333114  
 Servicing: Citroen, Peugeot, Renault  
 B+ M8, Total length 208.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.00 B: -4.00 mm


**111064** Starter 12 V, 1.05 kW

Replacing: 9000333109  
 Servicing: Renault, Volvo  
 B+ M8, Total length 207.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.90 B: 11.00 mm


**111065** Starter 12 V, 2.2 kW

Replacing: B001233261, B001233172,  
 B001233121, 0001218765, 0001218165,  
 0001218108, 0001218021, 0001218006  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong  
 B+ M8, Total length 276.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.30 B: 26.50 mm


**111066** Starter 12 V, 1.05 kW

Replacing: 9000331702, 0001208507  
 Servicing: Citroen, Fiat, Peugeot, Talbot  
 B+ M8, Total length 197.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 65.90 B: 22.00 mm


**111068** Starter 12 V, 0.85 kW

Replacing: 0001208518, 0001208226  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 212.25,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.85 B: 15.65 mm


**111069** Starter 12 V, 1.7 kW

Replacing: 0001310013, 0001110010,  
 0001110009  
 Servicing: VW  
 B+ M8, Total length 290.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.40 B: 42.50 mm


**111070** Starter 12 V, 1.7 kW

Replacing: 0001314034, 0001110056,  
 0001110017, 0001109026  
 Servicing: Citroen, Fiat, Hyundai, Lancia,  
 Peugeot, Suzuki, Talbot  
 B+ M8, Total length 280.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -6.50 mm


**111100** Starter 12 V, 0.7 kW

Replacing: 9000141104, 9000141015  
 Servicing: Citroen  
 B+ M8, Total length 207.75,  
 Gear type DD, Mounting holes 2 (0)  
 A: 65.60 B: 19.80 mm


**111103** Starter 12 V, 0.8 kW

Replacing: 9004475300  
 Servicing: Hillman, MG, Morris, Triumph,  
 Vauxhall  
 B+ M8, Total length 321.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 88.80 B: 60.35 mm


**111104** Starter 12 V, 0.9 kW

Replacing: 0001211987, 0001211208,  
 0001211207, 0001211025, 0001211024  
 Servicing: Alfa Romeo  
 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 61.90 B: 10.00 mm


**111106** Starter 12 V, 1.0 kW

Replacing: 9000333112, 0001208408  
 Servicing: Fiat, Lancia, Seat  
 B+ M8, Total length 232.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 82.00 B: 22.40 mm


**111107#** Starter 12 V, 1.5 kW

Replacing: 0001314038, 0001314037,  
 0001110049, 0001110048  
 Servicing: VW  
 B+ M8, 15a 6.30, Total length 269.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 21.00 mm


**111109** Starter 12 V, 2.0 kW

Replacing: 0001362081, 0001218015

Servicing: Peugeot, Talbot

B+ M8, Total length 293.00,

Gear type DD, Mounting holes 3 (0)

A: 89.15 B: 21.25 mm


**111112** Starter 12 V, 2.0 kW

 Replacing: 0001362083, 0001362078,  
0001362077, 0001362070, 0001362069

Servicing: Audi, Volvo, VW

B+ M10, Total length 287.75,

Gear type DD, Mounting holes 2 (2)

A: 82.45 B: 20.00 mm


**111115** Starter 12 V, 2.2 kW

 Replacing: 0001218620, 0001218020,  
0001218003

Servicing: Citroen, Peugeot, Talbot

B+ M8, Total length 281.00,

Gear type GR, Mounting holes 3 (3)

A: 97.75 B: 37.50 mm


**111118** Starter 12 V, 0.9 kW

 Replacing: 9000082082, 9000082040,  
9000082039, 9000082021

Servicing: Fiat

B+ M8, Total length 230.00,

Gear type GR, Mounting holes 3 (3)

A: 67.00 B: 13.00 mm


**111120** Starter 12 V, 2.2 kW

 Replacing: B001233112, B001233104,  
0001218130, 0001218112, 0001218111,  
0001218017, 0001218005, 0001218004

Servicing: Volvo, VW

B+ M8, Total length 272.65,

Gear type GR, Mounting holes 2 (2)

A: 82.35 B: 21.60 mm


**111123** Starter 12 V, 0.9 kW

 Replacing: 0001112035, 0001112015,  
0001107401, 0001106015, 0001106011

 Servicing: Chevrolet, Daewoo, Opel,  
Vauxhall

B+ M8, Total length 208.00,

Gear type GR, Mounting holes 2 (0)

A: 67.95 B: 18.55 mm


**111125** Starter 12 V, 2.2 kW

Replacing: 0001218100

Servicing: DAF, LDV, Peugeot, Talbot

B+ M8, Total length 257.50,

Gear type GR, Mounting holes 3 (0)

A: 88.90 B: 21.00 mm


**111127** Starter 12 V, 1.4 kW

Replacing: 0001108093, 0001108053

Servicing: Opel, Pontiac, Vauxhall

B+ M8, Total length 183.00,

Gear type GR, Mounting holes 2 (0)

Replacing: PG100.

A: 68.00 B: 18.00 mm


**111129** Starter 12 V, 1.4 kW

 Replacing: B001111164, 0001111164,  
0001108138, 0001108086

Servicing: Citroen, Peugeot

B+ M8, Total length 212.65,

Gear type GR, Mounting holes 3 (2)

A: 62.00 B: 3.00 mm


**111130** Starter 12 V, 1.1 kW

Replacing: 0001107063, 0001107019

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Total length 198.50,

 Clutch type Wet, Gear type GR,  
Mounting holes 3 (3)

A: 65.90 B: -4.00 mm


**111131** Starter 12 V, 0.8 kW

 Replacing: 9000333119, 9000333118,  
0001114020, 0001114014, 0001113009,  
0001113005, 0001113003, 0001112037

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75,

Gear type DD, Mounting holes 3 (3)

A: 76.15 B: 13.45 mm


**111208#** Starter 12 V, 1.35 kW

Replacing: 0001311056, 0001307024

Servicing: Sabb

B+ M8, Gear type DD,

Mounting holes 2 (0)

A: 82.40 B: 20.45 mm



**111209** Starter 12 V, 1.1 kW  
 Replacing: 0001311115  
 Servicing: Volvo Penta  
 B+ M8, 15a 4.70, Total length 255.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.45 B: 21.40 mm



**111211#** Starter 12 V, 2.0 kW  
 Replacing: 0001315004, 0001314031  
 Servicing: BUKH  
 B+ M8, Total length 265.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 21.00 mm



**111217** Starter 12 V, 3.0 kW  
 Replacing: BNG4/12CR222, 0001418004,  
 0001418003, 0001413010, 0001413007,  
 0001401068, 0001401052, 0001401028  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 383.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**111218** Starter 24 V, 5.4 kW  
 Replacing: 0001416028, 0001414011,  
 0001402079  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm



**111219** Starter 24 V, 6.6 kW  
 Replacing: 0001417023, 0001416053,  
 0001415021, 0001411010, 0001410050,  
 0001410010  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.40 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: 0001417061, 0001417053  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 89.00 B: 40.25 mm



**111249** Starter 24 V, 5.4 kW  
 Replacing: BNG4/24CRS165BR,  
 BNG4/24CR165BR, 0001416027, 0001416017,  
 0001414018, 0001402058, 0001402056  
 B+ M10, Total length 381.80,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 3 (0), Waterproof  
 A: 89.00 B: 48.25 mm



**111251** Starter 12 V, 1.1 kW  
 Replacing: 0001107047  
 Servicing: Dacia, Renault, Volvo  
 B+ M8, Total length 208.20,  
 Gear type GR, Mounting holes 4 (4)  
 A: 66.00 B: -2.00 mm



**111269** Starter 12 V, 1.4 kW  
 Replacing: 0001108158, 0001108152,  
 0001108111, 0001108082, 0001108071,  
 0001108040  
 Servicing: Avia, Ford, Land Rover  
 B+ M8, Total length 245.60,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.85 B: 29.00 mm



**111270** Starter 12 V, 1.4 kW  
 Replacing: 0001108091, 0001108038,  
 0001108012  
 Servicing: Saab  
 B+ M8, 15a 4.70, Total length 246.35,  
 Gear type GR, Mounting holes 2 (0)  
 A: 88.75 B: 17.90 mm



**111300** Starter 12 V, 1.4 kW  
 Replacing: 0001108181  
 Servicing: Bobcat, Ford, Volvo Penta  
 B+ M8, Total length 114.55,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 21.00 mm



**111304** Starter 12 V, 1.9 kW  
 Replacing: 0001366014, 0001366005,  
 0001354038, 0001354013, 0001307025  
 Servicing: Sabb  
 B+ M10, Total length 194.75,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.50 B: 20.70 mm




**111312** Starter 12 V, 0.8 kW

Replacing: 9007045016

Servicing: Nissan

B+ M8, Total length 221.70,

Gear type DD/GR, Mounting holes 2 (0)

A: 70.00 B: 43.00 mm


**111332** Starter 12 V, 2.7 kW

 Replacing: 0001362341, 0001362314,  
0001362306, 0001362043, 0001362025,  
0001359072

Servicing: Fendt, Renault

B+ M8, Total length 293.55,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 21.00 mm


**111346** Starter 12 V, 2.8 kW

Replacing: 9004475061

Servicing: Massey Ferguson

B+ M8, Total length 314.50,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**111347** Starter 12 V, 1.2 kW

 Replacing: B001111143, B001111100,  
B001111010, 0001108149, 0001108124,  
0001108003, 0001107403, 0001107096

 Servicing: Daewoo, Mercedes-Benz,  
Ssangyong, VW

B+ M8, Total length 219.80,

Gear type GR, Mounting holes 2 (2)

A: 82.35 B: 25.00 mm


**111396** Starter 12 V, 1.2 kW

 Replacing: 9007145009, 9007045020,  
9007045009, 0001107049, 0001107031

Servicing: Chrysler, Dodge, Plymouth

B+ M8, Total length 207.50,

Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 8.30 mm


**111399** Starter 24 V, 4.5 kW

Replacing: 0001368083

Servicing: DAF

B+ M10, Total length 352.50,

 Clutch type Wet, Gear type DD,  
Mounting holes 3 (0)

A: 89.00 B: 38.00 mm


**111400** Starter 12 V, 1.4 kW

Replacing: 0001108064, 0001108018

Servicing: BMW

B+ M8, 30h M5, Total length 246.00,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 22.00 mm


**111421** Starter 12 V, 2.2 kW

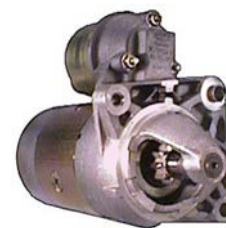
Replacing: 0001218741, 0001218141

Servicing: Citroen, Fiat

B+ M8, Total length 272.00,

Gear type GR, Mounting holes 3 (3)

A: 81.75 B: 26.60 mm


**111422** Starter 12 V, 0.8 kW

 Replacing: F000AL0319, 0001116005,  
0001113006

Servicing: Fiat, Lancia

B+ M8, Total length 206.00,

Gear type DD, Mounting holes 3 (1)

A: 64.00 B: 11.50 mm


**111423#** Starter 12 V, 2.2 kW

Replacing: 0001218131, 0001218008

Servicing: Fiat

B+ M8, Total length 271.50,

Gear type GR, Mounting holes 3 (3)

A: 82.45 B: 23.50 mm


**111425** Starter 12 V, 1.4 kW

 Replacing: 0001208420, 0001108134,  
0001108104, 0001108103, 0001108069,  
0001108068, 0001108066, 0001108046

Servicing: Chrysler, Dodge, Plymouth

B+ M8, Total length 267.00,

Gear type GR, Mounting holes 3 (2)

A: 81.90 B: 8.50 mm


**111456** Starter 12 V, 1.4 kW

 Replacing: 0001110024, 0001108135,  
0001108105, 0001108070

Servicing: Chrysler, Dodge, Plymouth

B+ M8, Total length 258.00,

Gear type GR, Mounting holes 3 (3)

A: 80.00 B: 7.00 mm


**111475** Starter 12 V, 0.8 kW

Replacing: 9000334103

Servicing: Suzuki

 B+ M8, 15a 4.70, Total length 185.50,  
 Gear type DD, Mounting holes 2 (0)

A: 66.00 B: 18.00 mm

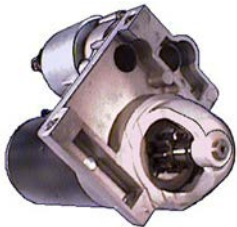

**111489** Starter 12 V, 1.4 kW

 Replacing: 0001311147, 0001311146,  
 0001108088, 0001108030

Servicing: Volvo

 B+ M8, 15a 4.70, Total length 242.00,  
 Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 34.00 mm


**111490** Starter 12 V, 1.4 kW

 Replacing: 0001108154, 0001108056,  
 0001108052, 0001108031

Servicing: Eagle, Jeep

 B+ M8, Total length 245.50,  
 Gear type GR, Mounting holes 2 (0)

A: 66.00 B: 11.00 mm


**111492** Starter 12 V, 1.4 kW

Replacing: 0001108123

Servicing: Chrysler, Dodge, Nissan, Plymouth

 B+ M8, Total length 226.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (2)

A: 82.00 B: 8.00 mm


**111573** Starter 12 V, 2.8 kW

Replacing: 0001359116

Servicing: Avia, JCB, TCM

 B+ M8, Total length 311.00,  
 Gear type DD/GR, Mounting holes 3 (0)

A: 101.00 B: 25.50 mm


**111585** Starter 12 V, 0.8 kW

Replacing: 9000330948, 9000330929

Servicing: Fiat

 B+ M8, Total length 206.00,  
 Gear type DD, Mounting holes 3 (3)

A: 61.90 B: 13.00 mm


**111619** Starter 12 V, 1.7 kW

 Replacing: 0001110125, 0001110082,  
 0001110025

Servicing: Fiat, Seat

 B+ M8, Total length 263.00,  
 Gear type GR, Mounting holes 3 (3)

A: 82.50 B: 24.00 mm


**111636** Starter 24 V, 5.0 kW

 Replacing: 9000143501, 0001364402,  
 0001364203, 0001364200, 0001364104,  
 0001364102

Servicing: DAF

 B+ M10, Total length 371.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.75 B: 39.70 mm


**111637** Starter 24 V, 4.0 kW

 Replacing: 0001368034, 0001360058,  
 0001360026, 0001231012

Servicing: DAF

 B+ M10, Total length 341.00,  
 Gear type DD/GR, Mounting holes 3 (0)

A: 88.80 B: 48.00 mm


**111638** Starter 24 V, 4.0 kW

 Replacing: 0001368074, 0001368063,  
 0001368017, 0001360061

Servicing: Volvo

 B+ M10, 15a M4, Gear type DD,  
 Mounting holes 3 (0)

A: 89.00 B: 47.70 mm


**111640** Starter 24 V, 4.0 kW

Replacing: 0001368081, 0001368016

Servicing: MAN

 B+ M10, Total length 338.50,  
 Gear type DD, Mounting holes 3 (0)

A: 88.50 B: 28.00 mm


**111641** Starter 12 V, 0.9 kW

Replacing: 0001116001

Servicing: Nissan, Renault

 B+ M8, Total length 195.50,  
 Gear type GR, Mounting holes 2 (1)

A: 64.00 B: 0.50 mm


**111680** Starter 12 V, 1.1 kW

Replacing: 0001107082, 0001107059

Servicing: Ford

B+ M8, Total length 211.75,

Gear type GR, Mounting holes 3 (2)

A: 71.00 B: 15.00 mm


**111685** Starter 12 V, 1.4 kW

 Replacing: 0001107491, 0001107490,  
0001107411, 0001107066

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Total length 211.80,

Gear type GR, Mounting holes 3 (0)

A: 65.90 B: 10.80 mm


**111693** Starter 12 V, 2.5 kW

Replacing: 0001362102

Servicing: Fiat, Iveco, Multicar

B+ M10, Total length 295.65,

Gear type DD/GR, Mounting holes 3 (1)

A: 110.00 B: 21.65 mm


**111694** Starter 12 V, 1.8 kW

 Replacing: 0001110139, 0001110138,  
0001110137, 0001110136, 0001110129,  
0001110128, 0001110127, 0001110126

Servicing: Audi, Ferrari, Seat, Skoda, VW

B+ M8, Total length 270.00,

Gear type GR, Mounting holes 2 (2)

A: 82.00 B: 16.00 mm


**111724** Starter 12 V, 2.0 kW

Replacing: 0001109033

Servicing: Opel, Vauxhall

B+ M8, Total length 242.00,

Gear type GR, Mounting holes 2 (0)

A: 82.40 B: 21.00 mm


**111748** Starter 12 V, 1.1 kW

 Replacing: 9000694029, 0001113011,  
0001112039, 0001112038, 0001107053,  
0001107052, 0001107021, 0001107020

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 223.00,

Gear type GR, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 33.00 mm


**111749** Starter 12 V, 1.1 kW

Replacing: 0001107023, 0001107022

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 245.00,

Gear type GR, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.00 mm


**111750** Starter 12 V, 1.4 kW

 Replacing: 0001108140, 0001108139,  
0001108106, 0001108087, 0001108033,  
0001107028, 0001107027, 0001107014

Servicing: Ford

B+ M8, 15a M5, Total length 208.50,

Gear type GR, Mounting holes 3 (3)

A: 75.00 B: 13.50 mm


**111751** Starter 12 V, 1.0 kW

 Replacing: B001181014, B001111217,  
0001114010, 0001114009, 0001112011,  
0001112010

Servicing: Seat, VW

B+ M8, 15a 6.30, Total length 245.00,

Gear type DD, Mounting holes 2 (0)

Bushing D.E. (clutch house) enclosed.

A: 76.00 B: 53.50 mm


**111752** Starter 12 V, 2.7 kW

 Replacing: 0001369016, 0001367001,  
0001362300, 0001362063, 0001359074,  
0001359014, 0001354080, 0001354073

Servicing: Case, Payloader

B+ M10, Total length 342.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**111755** Starter 12 V, 3.0 kW

 Replacing: 0001369022, 0001369005,  
0001369001, 0001367078, 0001367075,  
0001367037, 0001362316, 0001362312

Servicing: John Deere

B+ M10, Total length 342.00,

Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 34.00 mm




**111759<sup>#</sup>** Starter 12 V, 1.5 kW

Replacing: 0001354082, 0001354027, 0001314010, 0001307017

Servicing: Bomag, KHD

 B+ M8, Total length 265.65,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.45 B: 18.00 mm

**111769** Starter 12 V, 1.4 kW

Replacing: 0001108221, 0001108220, 0001108175, 0001108174

Servicing: Audi, Skoda, VW

 B+ M8, Total length 230.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.00 B: 27.00 mm

**111771** Starter 24 V, 6.2 kW

Replacing: 0001372001

Servicing: Mercedes-Benz

 B+ M12, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm

**111791** Starter 12 V, 2.4 kW

Replacing: EJD3/12BR4, 0001362052, 0001359107, 0001358050, 0001358021

Servicing: Claas

 B+ M10, Total length 315.60,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm

**111793** Starter 12 V, 3.0 kW

Replacing: 0001367076, 0001367048, 0001367017, 0001359088, 0001359020

Servicing: Caterpillar, Mercedes-Benz, Volvo

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 28.50 mm

**111805** Starter 12 V, 2.5 kW

Replacing: 9000331203, 9000331201

Servicing: Ford, Nissan

 B+ M8, Total length 243.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 11.50 mm

**111817** Starter 12 V, 1.8 kW

Replacing: 0001110101, 0001110100

Servicing: Audi

 B+ M8, 15a 6.30, Total length 268.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 76.00 B: 29.00 mm

**111821<sup>#</sup>** Starter 12 V, 1.1 kW

Replacing: 0001107038, 0001107010

Servicing: Nissan

 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 70.00 B: 12.00 mm

**111823** Starter 12 V, 1.1 kW

Replacing: 0001121035, 0001121034, 0001121031, 0001121030, 0001121002, 0001121001

Servicing: Seat, Skoda, VW

 B+ M8, Total length 211.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 82.50 B: 4.00 mm

**111848** Starter 12 V, 1.0 kW

Replacing: F005M00001, B001110097, 9000061017, 0001107108, 0001107101, 0001107100, 0001107056, 0001107045

Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall

 B+ M8, Total length 215.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.50 B: 19.00 mm

**111851** Starter 12 V, 2.0 kW

Replacing: 0001110112, 0001110091, 0001110075, 0001110016, 0001109036, 0001109014

Servicing: Mercedes-Benz

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 25.50 mm


**111855** Starter 12 V, 2.2 kW

Replacing: 0001223002, 0001218772, 0001218172, 0001109370

Servicing: KHD

 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 23.00 mm

**111865** Starter 12 V, 1.7 kW

Replacing: 0001110120, 0001110090, 0001109040, 0001108137

Servicing: Land Rover

 B+ M8, Total length 268.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 73.00 B: 39.00 mm

**111874** Starter 12 V, 2.2 kW

Replacing: 0001218166

Servicing: Toyota

 B+ M8, Total length 234.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 74.00 B: 3.50 mm

**111885** Starter 12 V, 3.1 kW

Replacing: 0001369025, 0001369019, 0001369007, 0001367072, 0001367019

Servicing: Case

 B+ M10, Total length 332.50,  
 Gear type DD, Mounting holes 3 (0)  
*Oilproof and waterproof.*  
 A: 89.00 B: 48.00 mm

**111900** Starter 12 V, 1.8 kW

Replacing: 0001125043, 0001125042, 0001125013, 0001125012, 0001125008, 0001125007, 0001124002, 0001124001

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Total length 235.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 53.00 mm

**111904** Starter 12 V, 1.8 kW

Replacing: 0001127022, 0001125003, 0001124027, 0001124026, 0001124025, 0001124024, 0001124023, 0001124022

Servicing: Seat, VW

 B+ M8, Total length 247.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 66.00 B: 46.70 mm

**111905#** Starter 12 V, 2.2 kW

Replacing: 0001218153

Servicing: Renault

 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 71.50 B: -7.00 mm

**111906** Starter 12 V, 1.1 kW

Replacing: 0001113017, 0001113010, 0001107500, 0001107499, 0001107417, 0001107407, 0001107087, 0001107043

Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 214.35,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 26.35 mm

**111908** Starter 12 V, 1.8 kW

Replacing: 0001110110

Servicing: BMW

 B+ M8, 30h M5, Total length 265.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 21.50 mm

**111909** Starter 12 V, 1.1 kW

Replacing: 0001121029, 0001121028, 0001121007, 0001121006, 0001120403, 0001120402

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.25 B: 32.00 mm

**111910** Starter - not insulated 24 V, 6.7 kW

Replacing: 0001371007, 0001371006

Servicing: Scania

 B+ M12, 30h M12, Total length 429.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm

**111911** Starter 12 V, 1.4 kW

Replacing: 0001108442, 0001108401, 0001108231, 0001108230, 0001108190, 0001108157, 0001108108, 0001107443

Servicing: Bertolini, BMW, Ford

 B+ M8, 30h M5, Total length 231.50,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.00 B: 20.50 mm


**111931** Starter 12 V, 1.1 kW

Replacing: F000AL0101  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 70.00 B: 15.00 mm


**111981#** Starter 12 V, 1.4 kW

Replacing: 0001108019  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 243.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 4.00 mm


**111983#** Starter 24 V, 6.6 kW

Replacing: 0001420024, 0001420015,  
 0001420012, 0001417076, 0001417069,  
 0001417067, 0001417063  
 Servicing: Mercedes-Benz, Volvo  
 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm


**111984** Starter 12 V, 1.1 kW

Replacing: 0001107075, 0001107030  
 Servicing: Toyota  
 B+ M8, Total length 211.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 74.00 B: 8.00 mm


**111994** Starter 12 V, 0.7 kW

Replacing: 0001116003  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 62.00 B: -4.00 mm


**111995** Starter 12 V, 2.0 kW

Replacing: B001116092, 0001109067,  
 0001109066, 0001109022, 0001109021  
 Servicing: Audi, Skoda, VW  
 B+ M8, Total length 285.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.00 B: 29.00 mm


**111996** Starter 12 V, 2.2 kW

Replacing: 0001218774, 0001218174  
 Servicing: Iveco  
 B+ M8, Total length 274.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 110.00 B: 26.00 mm


**112005** Starter 12 V, 1.1 kW

Replacing: 0001121027, 0001121026,  
 0001121009, 0001121008  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 76.00 B: 52.00 mm


**112006** Starter 12 V, 2.0 kW

Replacing: 0001110132, 0001109034  
 Servicing: Toyota  
 B+ M8, Total length 250.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 74.00 B: 3.50 mm


**112013#** Starter 12 V, 1.7 kW

Replacing: 0001115002, 0001110063  
 Servicing: Volvo  
 B+ M8, Total length 268.50,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.00 B: -1.00 mm


**112014** Starter 12 V, 2.0 kW

Replacing: 0001125514, 0001125513,  
 0001125504, 0001125503  
 Servicing: VW  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 21.00 mm


**112034** Starter 12 V, 1.7 kW

Replacing: 0001214002, 0001115042,  
 0001110033, 0001109029  
 Servicing: ACME, Arona, BCS, Ferrari,  
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini,  
 VW  
 B+ M8, Total length 233.30,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 27.00 mm




**112037** Starter 24 V, 4.0 kW

Replacing: 0001368085

Servicing: Perkins, Volvo

B+ M10, Total length 340.70,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 22.20 mm


**112039** Starter 12 V, 2.7 kW

 Replacing: 0001366004, 0001362076,  
0001362040, 0001362018, 0001362017,  
0001358038, 0001354091, 0001354012

 Servicing: Fendt, Jenbacher Werke, KHD,  
Lombardini

B+ M8, Total length 295.00,

Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 24.00 mm


**112040** Starter 12 V, 1.5 kW

Replacing: 0001314047

Servicing: Hatz

B+ M8, Total length 272.50,

Gear type DD, Mounting holes 2 (0)

A: 82.50 B: 43.50 mm


**112041** Starter 12 V, 2.2 kW

Replacing: 0001362700

Servicing: KHD

B+ M10, Total length 293.00,

Gear type DD, Mounting holes 3 (0)

A: 82.50 B: 21.00 mm


**112052** Starter 12 V, 2.2 kW

 Replacing: 9000331427, 0001218117,  
0001218116

Servicing: VW

B+ M8, Total length 234.00,

Gear type GR, Mounting holes 3 (0)

A: 76.00 B: 52.00 mm


**112053** Starter 12 V, 2.2 kW

 Replacing: 0001223001, 0001218757,  
0001218157, 0001109364

Servicing: Citroen, Peugeot

B+ M8, Total length 272.50,

Gear type GR, Mounting holes 3 (3)

A: 74.00 B: -6.00 mm


**112055** Starter 24 V, 5.2 kW

 Replacing: 0001368313, 0001364400,  
0001231041, 0001231013

Servicing: DAF

B+ M10, Total length 340.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 48.00 mm


**112071** Starter 12 V, 3.0 kW

 Replacing: 0001262002, 0001230014,  
0001230006

Servicing: Deutz-Fahr

B+ M10, Total length 315.80,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 28.80 mm


**112074** Starter 12 V, 3.1 kW

 Replacing: 0001369023, 0001369020,  
0001369015, 0001367006

Servicing: Ford, New Holland

B+ M8, Gear type DD,

Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**112080** Starter 12 V, 1.4 kW

Replacing: 0001108173

Servicing: Volvo

B+ M8, Total length 230.00,

Gear type GR, Mounting holes 3 (3)

A: 66.00 B: -1.00 mm


**112116** Starter 24 V, 6.6 kW

Replacing: 0001417075, 0001417065

Servicing: Volvo

B+ M12, B- M12, Total length 407.00,

Gear type DD, Mounting holes 3 (0),

Insulated return

A: 92.00 B: 47.00 mm


**112117#** Starter 24 V, 6.6 kW

Replacing: 0001417064

Servicing: Iveco

B+ M12, B- M10, Total length 405.50,

Gear type DD, Mounting holes 3 (0),

Oil sealed

A: 115.00 B: 20.00 mm


**112118** Starter 24 V, 6.6 kW

Replacing: 0001417007, 0001411027, 0001411021

Servicing: Isotta Fraschini, Iveco

 B+ M12, B- M10, 15a M6,  
Total length 405.00, Gear type DD,  
Mounting holes 3 (0)

A: 92.00 B: 48.00 mm


**112119** Starter 24 V, 6.6 kW

Replacing: 0001417042

Servicing: Scania

 B+ M10, B- M10, Total length 406.00,  
Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 41.00 mm


**112120** Starter 24 V, 6.6 kW

Replacing: 0001417037, 0001411022

Servicing: MAN, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
Gear type DD, Mounting holes 3 (0),  
Insulated return

A: 92.00 B: 47.50 mm


**112125** Starter 12 V, 2.2 kW

 Replacing: 0001218147, 0001218146,  
0001218145, 0001218133, 0001218120

Servicing: Alfa Romeo, Fiat, Ford, Lancia

 B+ M8, Total length 272.00,  
Gear type GR, Mounting holes 3 (3)

A: 82.40 B: 24.00 mm


**112131** Starter 12 V, 1.4 kW

 Replacing: 0001108077, 0001108076,  
0001107004, 0001107003

Servicing: VW

 B+ M8, 15a 6.30, Total length 244.00,  
Gear type GR, Mounting holes 2 (0)  
Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.00 mm


**112132** Starter 24 V, 4.0 kW

 Replacing: 0001368030, 0001360036,  
0001360023

Servicing: Volvo BM

 B+ M10, Total length 339.00,  
Gear type DD, Mounting holes 3 (0),  
Oil sealed

A: 88.70 B: 47.00 mm


**112133** Starter 12 V, 1.7 kW

Replacing: 0001110085, 0001110084

Servicing: Seat, VW

 B+ M8, Total length 282.50,  
Gear type GR, Mounting holes 2 (0)  
Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.50 mm


**112135** Starter 12 V, 3.1 kW

 Replacing: 0001369018, 0001362301,  
0001362064, 0001359075, 0001359019,  
0001354074

Servicing: Case

 B+ M10, Total length 315.50,  
Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 22.00 mm


**112141** Starter 12 V, 1.0 kW

Replacing: 0001107016

Servicing: Ford

 B+ M8, Total length 210.00,  
Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 13.50 mm


**112166** Starter 12 V, 1.7 kW

 Replacing: 0001110119, 0001110118,  
0001110087, 0001110086, 0001110070,  
0001110069

Servicing: Ford, VW

 B+ M8, Total length 288.50,  
Gear type GR, Mounting holes 2 (0)  
Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.00 mm


**112167** Starter 12 V, 1.8 kW

Replacing: 0001110062, 0001110061

Servicing: VW

 B+ M8, Total length 236.00,  
Gear type GR, Mounting holes 3 (0)  
Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.00 mm


**112171** Starter 12 V, 1.1 kW

Replacing: 0001107024

Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana

 B+ M8, Total length 220.00,  
Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 28.00 mm


**112175** Starter 12 V, 3.0 kW

Replacing: 0001367054

Servicing: Hyster

 B+ M10, Total length 341.00,  
Clutch type Wet, Gear type DD,  
Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**112249** Starter 12 V, 2.7 kW

 Replacing: 0001366025, 0001354095,  
0001354031

Servicing: Mercedes-Benz

 B+ M10, Total length 295.00,  
Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 21.50 mm


**112172** Starter 12 V, 1.6 kW

 Replacing: 0001314001, 0001115035,  
0001110042, 0001110041, 0001110028,  
0001109009

 Servicing: Arona, BMW, Ferrari, Lombardini,  
Mosa

 B+ M8, 30h M5, Total length 267.50,  
Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 28.00 mm


**112221** Starter 12 V, 2.0 kW

 Replacing: B001126081, B001126016,  
0001125512, 0001125511, 0001125502,  
0001125501

Servicing: VW

 B+ M8, Total length 236.50,  
Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 21.70 mm


**112267** Starter 12 V, 2.5 kW

 Replacing: 0001367079, 0001362332,  
0001362321, 0001362319

Servicing: Bobcat, Cummins, Ford

 B+ M10, Total length 339.00,  
Gear type GR, Mounting holes 3 (0),  
Oil sealed

A: 89.00 B: 46.50 mm


**112173** Starter 12 V, 2.7 kW

 Replacing: 0001367008, 0001354108,  
0001354029

 Servicing: Bertolini, BMW, Hatz, VM  
(Stabilimenti Mec)

 B+ M10, Total length 342.50,  
Gear type DD, Mounting holes 2 (0)

A: 82.50 B: 20.00 mm


**112224** Starter 24 V, 6.7 kW

Replacing: 0001371004

Servicing: Scania

 B+ M12, Total length 428.00,  
Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.00 mm


**112286** Starter 12 V, 1.7 kW

 Replacing: 0001125036, 0001125035,  
0001125014, 0001125006, 0001125005,  
0001124004, 0001124003, 0001110099

 Servicing: Audi, Ford, Mercedes-Benz, Seat,  
Skoda, VW

 B+ M8, Total length 236.00,  
Gear type GR, Mounting holes 3 (0)

A: 76.10 B: 32.00 mm


**112174** Starter 24 V, 3.2 kW

Replacing: 0001363123

Servicing: Mercedes-Benz

 B+ M10, Total length 289.00,  
Gear type DD, Mounting holes 2 (2)

A: 82.50 B: 21.00 mm


**112236** Starter 12 V, 1.8 kW

 Replacing: B001127041, 0001124014,  
0001124013

Servicing: Seat, Skoda, VW

 B+ M8, Total length 245.00,  
Gear type GR, Mounting holes 2 (0)

A: 76.10 B: 27.50 mm




**112289** Starter 12 V, 0.8 kW

Replacing: 9000082061, 0001211246, 0001112024

Servicing: Fiat, Innocenti, Lancia

 B+ M8, 15a M5, Total length 224.00,  
 Gear type DD, Mounting holes 3 (3)

A: 64.20 B: 13.00 mm


**112290** Starter 12 V, 2.2 kW

Replacing: 0001218728, 0001218128, 0001218105

Servicing: Ford, Mazda

 B+ M8, Total length 257.00,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 9.00 mm


**112295** Starter 12 V, 1.7 kW

Replacing: B001117311, 9000331411, 0001115001, 0001110114, 0001110095, 0001110089, 0001110026, 0001110003

Servicing: Mitsubishi, Renault, Volvo

 B+ M8, Total length 265.00,  
 Gear type GR, Mounting holes 3 (3)

A: 66.00 B: -0.50 mm


**112306** Starter 12 V, 1.1 kW

Replacing: 0001108097, 0001108096, 0001107006, 0001107005

Servicing: VW

 B+ M8, Total length 254.00,  
 Gear type GR, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.00 mm


**112307** Starter 12 V, 1.1 kW

Replacing: 0001107104, 0001107103, 0001107026, 0001107025

Servicing: Seat, VW

 B+ M8, Total length 234.00,  
 Gear type GR, Mounting holes 4 (2)  
 Bushing D.E. (clutch house): Cargo 140018.

A: 82.50 B: 2.00 mm


**112308#** Starter 12 V, 1.4 kW

Replacing: 0001108159, 0001108136, 0001108126, 0001108048

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Total length 146.50,  
 Gear type GR, Mounting holes 3 (0)

A: 76.00 B: 9.00 mm


**112309** Starter 12 V, 1.4 kW

Replacing: 0001108114, 0001108113

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type GR, Mounting holes 2 (1)

A: 76.00 B: 27.00 mm


**112321** Starter 12 V, 1.1 kW

Replacing: B001110043, 0001112014, 0001112013, 0001112006, 0001112005, 0001107074, 0001107073, 0001107069

Servicing: Audi, Skoda, VW

 B+ M8, Total length 227.55,  
 Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 13.50 mm


**112340** Starter 12 V, 1.4 kW

Replacing: 0001108122

Servicing: Ford, Mazda, Mercury

 B+ M8, Total length 226.00,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 4.00 mm


**112429** Starter 12 V, 2.0 kW

Replacing: 0001125049, 0001125048, 0001125019, 0001125018

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Total length 259.00,  
 Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 62.00 mm


**112430** Starter 12 V, 2.0 kW

Replacing: 0001125518, 0001125517, 0001125508, 0001125507

Servicing: VW

 B+ M8, Total length 229.50,  
 Gear type GR, Mounting holes 2 (1)

A: 82.50 B: 21.00 mm


**112431** Starter 12 V, 1.1 kW

Replacing: 0001107098, 0001107077

Servicing: Chevrolet, Daewoo, Opel, Vauxhall

 B+ M8, Total length 211.50,  
 Gear type GR, Mounting holes 2 (0)

A: 68.00 B: 18.00 mm


**112435** Starter 12 V, 1.1 kW

Replacing: 0001121017, 0001121016

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 210.50,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 52.50 mm


**112436** Starter 12 V, 2.3 kW

Replacing: 0001223013, 0001218759

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 273.00,

Gear type GR, Mounting holes 3 (3)

A: 81.50 B: 21.50 mm


**112437** Starter 24 V, 6.7 kW

Replacing: 0001371008

Servicing: Scania

B+ M12, Total length 430.00,

Clutch type Wet, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 36.50 mm


**112438** Starter 12 V, 2.0 kW

Replacing: 0001125052, 0001125051, 0001125022, 0001125021

Servicing: Seat, Skoda, VW

B+ M8, Total length 234.25,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 52.50 mm


**112439** Starter 12 V, 2.2 kW

Replacing: 0001218814, 0001218768, 0001218168, 0001218152

Servicing: Land Rover

B+ M8, Total length 274.00,

Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 20.50 mm


**112440** Starter 12 V, 2.2 kW

Replacing: 0001223005, 0001218162, 0001218156, 0001218150, 0001109250

Servicing: Mercedes-Benz

B+ M8, Total length 240.00,

Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 26.00 mm


**112441** Starter 12 V, 2.3 kW

Replacing: 0001223024, 0001223007, 0001223003, 0001109371, 0001109307, 0001109306

Servicing: Iveco, Mitsubishi, Renault V.I.

B+ M8, Total length 258.00,

Gear type GR, Mounting holes 3 (3)

A: 82.00 B: 27.00 mm


**112442** Starter 12 V, 3.0 kW

Replacing: 0001367077, 0001230002

Servicing: John Deere

B+ M10, Total length 315.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**112444** Starter 12 V, 2.0 kW

Replacing: 0001125047, 0001125046, 0001125017, 0001125016

Servicing: VW

B+ M8, Total length 257.00,

Gear type GR, Mounting holes 3 (0)

A: 76.00 B: 68.00 mm


**112445** Starter 12 V, 1.1 kW

Replacing: 0001107111, 0001107110, 0001107109, 0001107097, 0001107091

Servicing: Fiat, Lancia

B+ M8, Total length 210.00,

Gear type GR, Mounting holes 3 (2)

A: 66.00 B: 12.00 mm


**112454** Starter 12 V, 2.2 kW

Replacing: 0001218725, 0001218175, 0001218158, 0001218125, 0001218023

Servicing: Alfa Romeo, Chrysler, Dodge, Jeep, Rover

B+ M8, Total length 274.00,

Gear type GR, Mounting holes 3 (0)

A: 82.50 B: 21.00 mm


**112455** Starter 12 V, 1.4 kW

Replacing: 0001108146, 0001108025

Servicing: Alfa Romeo, Fiat, Lancia, VW

B+ M8, 15a 6.30, Total length 241.00,

Gear type GR, Mounting holes 3 (0)

A: 68.00 B: 22.45 mm


**112459** Starter 12 V, 1.4 kW

Replacing: 0001108188, 0001108178, 0001108177, 0001108150

 Servicing: Cadillac, Opel, Vauxhall  
 B+ M8, Total length 230.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 22.00 mm

**112494** Starter 24 V, 4.0 kW

Replacing: 0001231028, 0001231005

 Servicing: Volvo  
 B+ M10, Total length 316.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 29.00 mm

**112496** Starter 12 V, 2.0 kW

Replacing: 0001109017

 Servicing: Farymann  
 B+ M8, Total length 269.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 82.50 B: 14.50 mm

**112497** Starter 12 V, 1.4 kW

Replacing: 0001108050, 0001107058

 Servicing: Mosa, Ruggerini  
 B+ M8, 15a 6.30, Total length 227.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 76.00 B: 24.00 mm

**112498** Starter 24 V, 4.0 kW

Replacing: 0001231016

 Servicing: Iveco  
 B+ M10, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 49.00 mm

**112499** Starter 24 V, 6.6 kW

Replacing: 0001417060

 Servicing: Liebherr  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 51.00 mm

**112507** Starter 24 V, 5.4 kW

Replacing: 0001416026, 0001414022

 Servicing: Volvo, Volvo Penta  
 B+ M10, B- M10, Total length 385.00,  
 Gear type DD, Mounting holes 3 (0)  
*112507 is not oil sealed. Please inform customer*  
 A: 89.00 B: 51.00 mm

**112533** Starter 12 V, 2.2 kW

Replacing: 0001218771, 0001218171, 0001218134, 0001218026, 0001218009, 0001218001, 0001109024

 Servicing: BMW, Land Rover, Opel, Vauxhall  
 B+ M8, 30h M5, Total length 271.75,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 20.00 mm

**112534** Starter 12 V, 2.0 kW

Replacing: 0001109035

 Servicing: JCB, KHD, Perkins  
 B+ M8, Total length 239.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 18.00 mm

**112536** Starter 12 V, 0.85 kW

Replacing: 0001208524, 0001208520

 Servicing: Ford  
 B+ M8, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 29.00 mm

**112537** Starter 12 V, 2.2 kW

Replacing: 9000331426, 0001218715, 0001218115, 0001218114, 0001218113, 0001218018, 0001218013, 0001218012

 Servicing: Audi, Fiat, VW  
 B+ M8, Total length 274.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 27.00 mm

**112541** Starter 12 V, 2.2 kW

Replacing: 9000331420, 0001218002

 Servicing: Fiat, Jeep, Renault  
 B+ M8, Total length 273.00,  
 Gear type DD/GR, Mounting holes 2 (1)  
 A: 77.00 B: -4.00 mm




**112542** Starter 12 V, 1.35 kW

Replacing: 0001311054, 0001307021

Servicing: Bomag, Hatz

 B+ M8, Total length 265.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.50 B: 22.00 mm

**112553** Starter 12 V, 1.7 kW

Replacing: 0001110072

Servicing: Alpina-BMW, BMW

 B+ M8, 30h M5, Total length 269.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.05 B: 21.50 mm

**112555** Starter 12 V, 3.1 kW

 Replacing: 0001369024, 0001369014,  
 0001230014

 Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,  
 Jenbacher Werke, KHD, Kramer, Linde

 B+ M10, Total length 303.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.50 mm

**112581** Starter 24 V, 6.2 kW

 Replacing: B001860023, B001860021,  
 0001372008, 0001372007, 0001372003,  
 0001372002, 0001371015, 0001371010

Servicing: DAF

 B+ M12, Total length 380.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 48.00 mm

**112651** Starter 24 V, 4.8 kW

Replacing: 0001364300, 0001364101

Servicing: Bosch, KHD

 B+ M10, Total length 351.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm

**112660** Starter 12 V, 2.8 kW

 Replacing: 0001367042, 0001362310,  
 0001359069, 0001359045

Servicing: Case

 B+ M10, Total length 333.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 48.00 mm

**112670** Starter 24 V, 4.0 kW

 Replacing: 0001368051, 0001368040,  
 0001368026

 Servicing: DAF, Hanomag, Mercedes-Benz,  
 Perkins

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 28.50 mm

**112816<sup>#</sup>** Starter 12 V, 1.1 kW

Replacing: 0001107032

Servicing: Chrysler, Dodge, Eagle, Mitsubishi

 B+ M8, Total length 219.05,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 9.00 mm

**112817<sup>#</sup>** Starter 12 V, 1.1 kW

Replacing: 0001107009

Servicing: Alfa Romeo

 B+ M8, Total length 223.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.15 B: 23.60 mm

**112818** Starter 12 V, 1.4 kW

 Replacing: 0001108167, 0001108166,  
 0001108153, 0001108107

Servicing: Renault, Volvo

 B+ M8, 15a 6.30, Total length 241.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.00 B: 0.20 mm

**112819<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: 0001108170, 0001108148

Servicing: Opel, Saab, Vauxhall

 B+ M8, Total length 242.80,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 18.35 mm

**113007** Starter 24 V, 4.0 kW

Replacing: 0001368059

Servicing: John Deere

 B+ M10, Total length 338.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 82.50 B: 33.00 mm


**113095<sup>#</sup>** Starter 12 V, 0.9 kW

Replacing: 0001208413, 0001208407  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 272.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 79.00 B: 5.00 mm


**113134** Starter 12 V, 2.2 kW

Replacing: 0001359029, 0001218167,  
 0001218163, 0001218101, 0001218019  
 Servicing: Renault, Renault V.I., Vauxhall  
 B+ M8, Total length 272.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 109.70 B: 27.00 mm


**113177** Starter 12 V, 1.1 kW

Replacing: 0001107046  
 Servicing: Lamborghini  
 B+ M8, Total length 212.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 16.00 mm


**113178** Starter 12 V, 1.4 kW

Replacing: 0001108168  
 Servicing: Volvo  
 B+ M8, Total length 226.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 15.50 mm


**113179<sup>#</sup>** Starter 12 V, 1.8 kW

Replacing: 0001110054  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 269.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 77.90 B: 12.00 mm


**113181** Starter 12 V, 2.3 kW

Replacing: 0001223021, 0001223016  
 Servicing: Bomag, JCB, KHD  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 23.25 mm


**113182** Starter 12 V, 3.0 kW

Replacing: 0001230023, 0001230010,  
 0001230007  
 Servicing: New Holland  
 B+ M10, Total length 320.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 110.00 B: 30.00 mm


**113183** Starter 24 V, 4.0 kW

Replacing: 0001231010  
 Servicing: Iveco  
 B+ M10, Total length 315.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 110.00 B: 31.00 mm


**113184** Starter 24 V, 4.0 kW

Replacing: 0001368069  
 Servicing: Case  
 B+ M10, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.70 B: 48.00 mm


**113267** Starter 12 V, 0.7 kW

Replacing: 0001116006  
 Servicing: Nissan  
 B+ M8, Total length 185.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 69.90 B: 12.00 mm


**113268** Starter 12 V, 1.6 kW

Replacing: 0001314016, 0001307035,  
 0001109012  
 Servicing: Arona, Claas, Ferrari, Goldoni,  
 Lombardini, Valpadana  
 B+ M8, Total length 255.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.40 B: 22.00 mm


**113271** Starter 12 V, 1.1 kW

Replacing: 0001107434, 0001107433,  
 0001107088  
 Servicing: Toyota  
 B+ M8, Total length 204.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 15.00 mm


**113276** Starter 12 V, 1.1 kW

Replacing: 0001107436, 0001107435, 0001107409, 0001107408, 0001107405, 0001107404, 0001107402

Servicing: Opel, Saab, Vauxhall

 B+ M8, Total length 214.00,  
 Gear type GR, Mounting holes 2 (0)

A: 67.90 B: 18.00 mm


**113277** Starter 24 V, 4.0 kW

Replacing: 0001231011

Servicing: Iveco

 B+ M10, Total length 315.00,  
 Gear type GR, Mounting holes 3 (0)

A: 109.80 B: 30.00 mm


**113281** Starter 12 V, 1.1 kW

Replacing: 0001107080

Servicing: MG, Rover

 B+ M8, Total length 231.40,  
 Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 43.00 mm


**113282** Starter 12 V, 1.4 kW

Replacing: 0001108410, 0001108409, 0001108404, 0001108403, 0001108197

Servicing: Mercedes-Benz

 B+ M8, Gear type GR,  
 Mounting holes 2 (0)

A: 60.00 B: 25.80 mm


**113286** Starter 12 V, 0.9 kW

Replacing: 0001106019

Servicing: Mini

 B+ M8, Total length 202.50,  
 Gear type GR, Mounting holes 2 (0)

A: 73.90 B: 22.00 mm


**113288#** Starter 12 V, 1.1 kW

Replacing: 0001107095, 0001107094

Servicing: VW

 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 3 (2)

A: 82.50 B: 5.00 mm


**113292** Starter 12 V, 1.4 kW

Replacing: 0001108196

Servicing: BMW

 B+ M8, 15a M5, Total length 230.20,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)

A: 76.10 B: 25.50 mm


**113299#** Starter 12 V, 1.1 kW

Replacing: 0001107076

Servicing: Volvo

 B+ M8, Total length 216.50,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: -1.00 mm


**113303** Starter 12 V, 2.2 kW

Replacing: 0001109311, 0001109310, 0001109264, 0001109252

Servicing: Volvo

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 0.00 mm


**113346** Starter 12 V, 0.8 kW

Replacing: 0001106016

Servicing: MG, Rover

 B+ M8, Total length 210.50,  
 Gear type DD/GR, Mounting holes 3 (0)

A: 67.00 B: 39.50 mm


**113353** Starter 24 V, 4.0 kW

Replacing: 0001368311

Servicing: Fendt

 B+ M10, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 27.50 mm


**113380** Starter 12 V, 2.8 kW

Replacing: 0001367056

Servicing: Ford

 B+ M8, B- M8, Total length 307.00,  
 Gear type DD, Mounting holes 3 (0)

A: 91.80 B: 20.00 mm




**113387** Starter 12 V, 2.0 kW

Replacing: 0001125032, 0001125031, 0001125011, 0001125002, 0001125001, 0001124006, 0001124005

Servicing: Seat, VW

 B+ M8, Total length 238.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 54.00 mm

**113389** Starter 12 V, 2.2 kW

Replacing: 0001218710, 0001218110, 0001218016

Servicing: Mercedes-Benz

 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.40 B: 25.00 mm

**113430** Starter 12 V, 1.8 kW

Replacing: 0001115025, 0001115021, 0001109270, 0001109269, 0001109268, 0001109253, 0001109045, 0001109030

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Total length 226.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 81.50 B: 9.50 mm

**113443** Starter 12 V, 1.4 kW

Replacing: B001111399, 0001108176, 0001108130, 0001108085

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 62.10 mm

**113444#** Starter 12 V, 2.2 kW

Replacing: 0001218760, 0001218160, 0001218109, 0001218029

Servicing: Mercedes-Benz

 B+ M8, 15a M5S, Total length 252.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.40 B: 25.50 mm

**113446** Starter 12 V, 2.2 kW

Replacing: 0001109201, 0001109200, 0001109025

Servicing: BMW, Land Rover, Opel, Vauxhall

 B+ M8, 30h M5, Total length 239.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.00 B: 20.00 mm

**113451** Starter 12 V, 2.2 kW

Replacing: 0001218159

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.50 B: 23.00 mm

**113464** Starter 24 V, 4.0 kW

Replacing: 0001364001

Servicing: ABG, Irmer, Iveco, KHD

 B+ M10, Total length 346.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.80 mm

**113465** Starter 12 V, 3.0 kW

Replacing: 0001367302, 0001367070, 0001359095, 0001359008, 0001358034

Servicing: Renault V.I.

 B+ M10, Total length 338.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 22.50 mm

**113466** Starter 24 V, 4.0 kW

Replacing: 0001368306, 0001368304, 0001368070, 0001368052, 0001360050, 0001360013, 0001231009

Servicing: Renault V.I.

 B+ M10, Total length 316.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 88.90 B: 22.00 mm

**113467** Starter 12 V, 3.7 kW

Replacing: 0001365004

Servicing: Atlas Copco, Deutz-Fahr, Iveco

 B+ M10, Total length 346.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 28.00 mm

**113468** Starter 24 V, 4.0 kW

Replacing: 0001368317, 0001368310, 0001368305, 0001368056, 0001231030, 0001231019, 0001231007

Servicing: MAN

 B+ M10, Total length 315.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.00 mm


**113478** Starter 12 V, 2.8 kW

Replacing: 0001230005, 0001230003, 0001223502

Servicing: Atlas Copco, John Deere

 B+ M10, 15a M5, Total length 303.50,  
 Gear type DD, Mounting holes 2 (0),  
 Oil sealed

A: 82.00 B: 35.00 mm


**113480** Starter 12 V, 1.2 kW

Replacing: 0001107060

Servicing: Ruggnerini

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 31.00 mm


**113481** Starter 12 V, 1.4 kW

 Replacing: 0001108186, 0001108182,  
 0001108180, 0001108143, 0001108051,  
 0001108022

 Servicing: Chrysler, Opel, Renault, Suzuki,  
 Vauxhall

 B+ M8, Total length 231.00,  
 Gear type GR, Mounting holes 4 (4)

A: 65.90 B: -1.00 mm


**113482** Starter 12 V, 3.0 kW

 Replacing: 0001367046, 0001367045,  
 0001359089, 0001359087, 0001359044,  
 0001359013

Servicing: Volvo BM

 B+ M10, Total length 338.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)

A: 88.75 B: 47.00 mm


**113483#** Starter 12 V, 0.9 kW

 Replacing: 0001113008, 0001113007,  
 0001112022, 0001112021

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 223.75,  
 Gear type DD, Mounting holes 3 (2)  
*Bushing D.E. (clutch house): Cargo 140500.*

A: 82.00 B: 14.00 mm


**113484** Starter 24 V, 4.0 kW

Replacing: 0001368039, 0001368037

Servicing: Sisu, Valtra

 B+ M10, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 47.50 mm


**113509** Starter 12 V, 1.7 kW

 Replacing: 0001123037, 0001123036,  
 0001123017, 0001123016

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 242.00,  
 Gear type GR, Mounting holes 2 (0)

A: 76.10 B: 42.50 mm


**113513** Starter 12 V, 1.1 kW

Replacing: 0001107406

Servicing: Mercedes-Benz

 B+ M8, Total length 199.00,  
 Gear type GR, Mounting holes 2 (2)

A: 69.80 B: 27.00 mm


**113515** Starter 12 V, 0.9 kW

Replacing: 0001120401, 0001120400

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 197.05,  
 Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 56.35 mm


**113534** Starter 12 V, 3.0 kW

Replacing: 0001367069

Servicing: Fiat-Allis, Perkins

 B+ M8, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 27.00 mm


**113570** Starter 12 V, 4.2 kW

Replacing: 0001260025

Servicing: Valtra

 B+ M10, Total length 321.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 48.50 mm


**113587** Starter 12 V, 1.1 kW

Replacing: 9007045018, 6004AA0018  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 8.80 mm


**113605** Starter 12 V, 1.1 kW

Replacing: 0001107067  
 Servicing: Volvo  
 B+ M8, Total length 216.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -1.70 mm


**113608** Starter 24 V, 6.2 kW

Replacing: 0001372005  
 Servicing: Evobus, Kässbohrer, Mercedes-Benz  
 B+ M12, 15a M6, Total length 380.50,  
 Clutch type Wet, Gear type DD/GR,  
 Mounting holes 3 (0)  
 A: 92.00 B: 46.25 mm


**113609** Starter 24 V, 6.2 kW

Replacing: 0001372006  
 Servicing: Mercedes-Benz  
 B+ M12, 15a M6S, Total length 391.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm


**113613** Starter 12 V, 1.1 kW

Replacing: 6004AA0027, 6004AA0008,  
 6004AA0003, 0001107432, 0001107431,  
 0001107415  
 Servicing: Dodge, Plymouth  
 B+ M8, Total length 211.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 9.00 mm


**113644** Starter 12 V, 1.2 kW

Replacing: 0001112017, 0001107092  
 Servicing: Nissan  
 B+ M8, Total length 189.80,  
 Gear type DD, Mounting holes 2 (1)  
 A: 69.90 B: 10.60 mm


**113649** Starter 12 V, 1.2 kW

Replacing: 0001107079  
 Servicing: Toyota  
 B+ M8, Total length 206.30,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)  
 A: 74.00 B: 4.50 mm


**113674** Starter 12 V, 2.0 kW

Replacing: 0001218068, 0001109068,  
 0001109062, 0001109055, 0001109052,  
 0001109015  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 246.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.30 B: 18.50 mm


**113677** Starter 12 V, 1.1 kW

Replacing: 0001121011, 0001121010  
 Servicing: VW  
 B+ M8, Total length 213.15,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 52.50 mm


**113678** Starter 12 V, 2.2 kW

Replacing: 0001125606, 0001125605  
 Servicing: VW  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 62.00 mm


**113695** Starter 24 V, 6.0 kW

Replacing: 0001371001  
 Servicing: Caterpillar  
 B+ M12, Total length 433.50,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 37MT.  
 A: 89.00 B: 47.00 mm


**113705** Starter 12 V, 1.7 kW

Replacing: 0001312001  
 Servicing: NSU, Volvo Penta  
 B+ M8, Total length 241.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.20 B: 18.00 mm




**113706** Starter 12 V, 1.1 kW

Replacing: 0001107107  
 Servicing: Lombardini  
 B+ M8, Gear type GR,  
 Mounting holes 2 (0)  
 A: 76.00 B: 15.50 mm


**113745** Starter 12 V, 1.4 kW

Replacing: 0001110011  
 Servicing: Jaguar  
 B+ M8, 15a M4, Total length 267.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 89.00 B: 26.70 mm


**113749** Starter 12 V, 1.7 kW

Replacing: 0001115007  
 Servicing: Volvo  
 B+ M8, Total length 238.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.10 B: -0.50 mm


**113750** Starter 12 V, 0.9 kW

Replacing: 0001113014, 0001113013,  
 0001112045, 0001112044, 0001112028,  
 0001112027  
 Servicing: Seat, VW  
 B+ M8, Total length 229.00,  
 Gear type DD, Mounting holes 4 (2)  
 A: 82.50 B: 5.00 mm


**113752** Starter 12 V, 1.8 kW

Replacing: 0001110124, 0001110102,  
 0001110092, 0001109018  
 Servicing: Fiat  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.80 B: 23.50 mm


**113753** Starter 12 V, 0.9 kW

Replacing: 0001112025  
 Servicing: Citroen, Hyundai, Kia, Renault  
 B+ M8, Total length 216.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.90 B: -1.50 mm


**113759** Starter 24 V, 4.0 kW

Replacing: 0001231029, 0001231008  
 Servicing: MAN, Mercedes-Benz  
 B+ M10, Total length 315.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 29.00 mm


**113760** Starter 24 V, 4.0 kW

Replacing: 0001231045, 0001231017  
 Servicing: DAF  
 B+ M10, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 27.00 mm


**113761** Starter 12 V, 0.9 kW

Replacing: 0001106022, 0001106017,  
 0001106012  
 Servicing: Renault  
 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 4 (4)  
 A: 65.90 B: -0.50 mm


**113773** Starter 12 V, 1.1 kW

Replacing: 0001121403, 0001121402  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.15 B: 62.00 mm


**113841** Starter 12 V, 1.7 kW

Replacing: 0001123039, 0001123038,  
 0001123015, 0001123014  
 Servicing: Audi, BMW, Opel, Peugeot,  
 Renault, Seat, Skoda, VW  
 B+ M8, Total length 242.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 62.00 mm


**113842** Starter 12 V, 1.7 kW

Replacing: 0001123013, 0001123012  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 246.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.20 B: 56.00 mm


**113843** Starter 12 V, 1.1 kW

Replacing: F002G20485, 0001107437, 0001107429

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall

 B+ M8, Total length 199.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 64.00 B: 24.25 mm

**113844** Starter 12 V, 0.95 kW

Replacing: 9007042016, 9007042015, 0001212401, 0001212400

Servicing: VW

 B+ M8, 15a 6.30, Total length 240.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 82.50 B: 19.00 mm

**113845** Starter 12 V, 1.5 kW

Replacing: 0001312110, 0001312100

Servicing: Porsche

 B+ M4, 15a M5, Total length 266.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 76.20 B: 36.00 mm

**113846** Starter 12 V, 2.2 kW

Replacing: 0001218703, 0001218103, 0001218024

Servicing: Alfa Romeo, Fiat

 B+ M8, Total length 272.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm

**113847** Starter 12 V, 0.95 kW

Replacing: 0001208429, 0001208428, 0001208426, 0001208425

Servicing: VW

 B+ M8, Total length 241.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 76.15 B: 43.25 mm

**113850** Starter 24 V, 5.4 kW

Replacing: 0001416059

Servicing: Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 A: 89.00 B: 51.00 mm

**113855** Starter 24 V, 5.4 kW

Replacing: 0001416010

Servicing: MAN, Mercedes-Benz

 B+ M12, B- M10, Total length 381.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 51.00 mm

**113859** Starter 24 V, 6.0 kW

Replacing: 0001330008

Servicing: Scania

 B+ M10, B- M6, Total length 385.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm

**113891** Starter 24 V, 5.5 kW

Replacing: 0001261026, 0001261002, 0001261001, 0001241001

Servicing: Scania

 B+ M10, Total length 317.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm

**113900** Starter 12 V, 2.5 kW

Replacing: F000AL0115, 6004AA3014, 0001109331, 0001109330

Servicing: John Deere

 B+ M8, Total length 239.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.50 B: 26.00 mm

**113931** Starter 12 V, 1.7 kW

Replacing: 0001108240, 0001108239, 0001108235, 0001108234, 0001108224, 0001108202

Servicing: Alfa Romeo, Cadillac, Fiat, Lancia, Opel, Saab, Vauxhall

Gear type GR, Mounting holes 3 (0)


**113934** Starter 24 V, 5.5 kW

Replacing: 0001241019, 0001241014, 0001241007, 0001241003

Servicing: Bova, DAF, Solaris

 B+ M8, Total length 321.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 110.00 B: 48.00 mm

 NEW PRODUCT  
[www.hc-cargo.com](http://www.hc-cargo.com)



9

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**113935** Starter 12 V, 2.5 kW

Replacing: 0001109301, 0001109300

Servicing: Citroen, Fiat, Peugeot

B+ M8x1.25, Total length 243.80,

Gear type GR, Mounting holes 3 (3)

A: 82.00 B: 1.00 mm



12,13


**113959** Starter 12 V, 2.0 kW

Replacing: 0001109388, 0001109387,

0001109329, 0001109328, 0001109325,

0001109324, 0001109305, 0001109304

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot

B+ M8, Total length 261.50,

Gear type GR, Mounting holes 2 (0)

A: 89.00 B: 36.00 mm



8,9,10


**113962** Starter 12 V, 0.9 kW

Replacing: F000AL0320

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Total length 169.60,

Gear type DD/GR, Mounting holes 2 (1)

A: 64.10 B: 10.00 mm



8


**113963** Starter 12 V, 1.1 kW

Replacing: 0001107439, 0001107438

Servicing: Citroen, Peugeot, Toyota

B+ M8, Total length 168.40,

Gear type DD/GR, Mounting holes 2 (1)

A: 74.00 B: 25.00 mm



10


**113968** Starter 12 V, 3.6 kW

Replacing: 0001369200

Servicing: New Holland

B+ M8, Total length 330.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm



9


**113979** Starter 24 V, 4.0 kW

Replacing: 0001231003

Servicing: Mercedes-Benz

B+ M10, Total length 310.00,

Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 48.50 mm



11


**113980** Starter 24 V, 4.0 kW

Replacing: 0001368077, 0001231006

Servicing: KHD

B+ M10, Total length 319.00,

Gear type GR, Mounting holes 3 (0)

A: 82.50 B: 23.00 mm



11


**114001** Starter 24 V, 4.0 kW

Replacing: 0001231034, 0001231023

Servicing: MAN

B+ M8, Total length 317.00,

Gear type GR, Mounting holes 3 (0)

w/ safety switch.

A: 89.00 B: 29.50 mm



10


**114002** Starter 12 V, 4.2 kW

Replacing: 0001262022, 0001230021

Servicing: Case

B+ M10, Total length 316.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 27.00 mm



9


**114020** Starter 12 V, 2.2 kW

Replacing: 0001109267

Servicing: LDV

B+ M8, Total length 240.00,

Gear type GR, Mounting holes 3 (0)

A: 82.00 B: 0.00 mm



10


**114021** Starter 12 V, 3.0 kW

Replacing: 0001230020

Servicing: New Holland

B+ M10, Total length 314.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 29.00 mm



12


**114033** Starter 24 V, 4.0 kW

Replacing: 0001231004

Servicing: Volvo

B+ M10, B- M10, Total length 266.00,

Mounting holes 3 (0)

A: 92.00 B: 47.00 mm





**114034** Starter 12 V, 1.0 kW  
 Replacing: 0001120407, 0001120406  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 52.50 mm



**114050** Starter 12 V, 4.2 kW  
 Replacing: 0001230022  
 Servicing: New Holland  
 B+ M10, 30h M10, Total length 317.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 27.50 mm



**114051** Starter 12 V, 1.0 kW  
 Replacing: 0001106014  
 Servicing: Smart (MCC)  
 B+ M8, 30h M8, Total length 203.40,  
 Gear type GR, Mounting holes 2 (2)  
 A: 70.00 B: 15.50 mm



**114052** Starter 12 V, 1.1 kW  
 Replacing: 0001107430, 0001107083  
 Servicing: Lombardini  
 B+ M8, 15a M6, Total length 219.30,  
 Gear type DD, Mounting holes 2 (0)  
 A: 76.20 B: 18.00 mm



**114053** Starter 12 V, 2.0 kW  
 Replacing: 0001218161, 0001109031  
 Servicing: Lombardini  
 B+ M8, Total length 240.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 19.00 mm



**114054** Starter 12 V, 2.5 kW  
 Replacing: 0001109335, 0001109334,  
 0001109313, 0001109303, 0001109302  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 246.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 82.00 B: 24.00 mm



**114055** Starter 12 V, 2.3 kW  
 Replacing: 0001218776, 0001218176,  
 0001109357  
 Servicing: Jacobsen, John Deere  
 B+ M8, Total length 273.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 21.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114069** Starter 24 V, 4.0 kW  
 Replacing: 0001231040, 0001231036  
 Servicing: DAF  
 B+ M10, Total length 318.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 w/ safety switch.  
 A: 110.00 B: 48.00 mm



**114073** Starter 24 V, 5.5 kW  
 Replacing: 0001261013, 0001261012,  
 0001261008, 0001261007, 0001241020,  
 0001241015, 0001241006  
 Servicing: Bova, DAF, Solaris  
 B+ M10, Total length 319.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 w/ safety switch.  
 A: 110.00 B: 47.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114093** Starter 12 V, 1.7 kW  
 Replacing: 0001115075, 0001115074,  
 0001115048, 0001115047  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 26.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114094** Starter 12 V, 2.2 kW  
 Replacing: 0001109259, 0001109258  
 Servicing: Audi, VW  
 B+ M8, Total length 252.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 76.00 B: 24.50 mm



**114105** Starter 12 V, 1.1 kW  
 Replacing: 0001107090  
 Servicing: Lombardini  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 28.00 mm



**114106** Starter 12 V, 1.6 kW  
 Replacing: 0001109043, 0001109008  
 Servicing: Hatz  
 B+ M8, Total length 263.00,  
 Mounting holes 2 (0)  
 A: 82.50 B: 40.00 mm



**114118** Starter 12 V, 1.4 kW  
 Replacing: B001111158, 0001108115,  
 0001108065  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 244.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 75.90 B: 23.00 mm



**114123** Starter 12 V, 0.8 kW  
 Replacing: F000AL0310, F000AL0309  
 Servicing: Fiat  
 B+ M8, 30h M6, Total length 190.00,  
 Gear type DD/GR, Mounting holes 3 (2)  
 A: 64.00 B: 12.00 mm



**114162** Starter 12 V, 1.1 kW  
 Replacing: F004A94410, 0001107502,  
 0001107501, 0001107418, 0001107410  
 Servicing: Ford  
 B+ M8, Total length 201.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 15.00 mm



**114163** Starter 12 V, 1.1 kW  
 Replacing: 0001121409, 0001121408  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 195.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 65.50 mm



**114170\*** Starter 24 V, 4.0 kW  
 Replacing: 0001368004



**114173** Starter 12 V, 1.7 kW  
 Replacing: 0001123021, 0001123020  
 Servicing: VW  
 B+ M8, Total length 244.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 58.00 mm



**114174** Starter 12 V, 1.1 kW  
 Replacing: 0001121023, 0001121022  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 233.90,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 62.00 mm



**114175** Starter 12 V, 1.1 kW  
 Replacing: 0001121411, 0001121410,  
 0001120411, 0001120410  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 223.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 56.00 mm



**114177** Starter 12 V, 2.0 kW  
 Replacing: 0001109065, 0001109064  
 Servicing: Audi  
 B+ M8, Total length 241.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 15.50 mm



**114178** Starter 12 V, 1.4 kW  
 Replacing: 0001108223, 0001108222  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 246.30,  
 Gear type GR, Mounting holes 2 (2)  
 A: 60.00 B: 27.00 mm



**114179** Starter 12 V, 1.2 kW  
 Replacing: 0001107428, 0001107427  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 200.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 15.45 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)



**114195** Starter 12 V, 3.0 kW

Replacing: 0001230018, 0001230008

Servicing: John Deere

B+ M10, Total length 312.00,  
Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 51.00 mm



**114196** Starter 24 V, 4.0 kW

Replacing: 0001263020, 0001231027,  
0001231026

Servicing: Case, New Holland

B+ M10, Total length 317.00,  
Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 27.60 mm



**114199** Starter 12 V, 0.7 kW

Replacing: 0001116008

Servicing: Nissan

B+ M8x1.25, 15a 6.30,  
Total length 166.00, Gear type DD,  
Mounting holes 2 (1)

A: 70.00 B: 11.00 mm



**114220** Starter 24 V, 4.0 kW

Replacing: 0001231018, 0001101110

Servicing: Deutz-Fahr

B+ M10, Total length 315.00,  
Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 25.00 mm



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114295\*** Starter 12 V, 0.9 kW

Replacing: 0001106018

Servicing: Mini

Total length 211.50, Gear type GR,  
Mounting holes 2 (0)

A: 74.00 B: 25.50 mm



**114297** Starter 12 V, 1.2 kW

Replacing: 0001107426, 0001107425

Servicing: BMW

B+ M8, Total length 199.00,  
Gear type DD/GR, Mounting holes 2 (1)

A: 76.00 B: 25.00 mm



**114299** Starter 12 V, 1.7 kW

Replacing: 0001123029, 0001123028

Servicing: Audi, Skoda, VW

B+ M8, 15a Plug, Total length 232.00,  
Gear type GR, Mounting holes 3 (0)

A: 76.20 B: 56.00 mm



**114304** Starter 12 V, 2.3 kW

Replacing: 6033AB1J00, 0001218822

Servicing: VW

B+ M8, Total length 272.00,  
Gear type GR, Mounting holes 3 (0)

A: 110.00 B: 27.00 mm



**114307** Starter 24 V, 4.0 kW

Replacing: 0001263024, 0001263023,  
0001231039

Servicing: Case

B+ M10, Total length 314.00,  
Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm



**114313** Starter 24 V, 2.5 kW

Replacing: 0001219014

Servicing: VM Motori

B+ M8, Total length 272.00,  
Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 21.00 mm



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114315** Starter 12 V, 1.4 kW

Replacing: 0001108402

Servicing: Ford, Volvo

Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 0.00 mm



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114316** Starter 12 V, 1.7 kW

Replacing: 0001124015, 0001123001

Servicing: Porsche

Gear type GR, Mounting holes 2 (0)

A: 76.20 B: 53.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114317** Starter 12 V, 2.0 kW  
 Replacing: 0001125056, 0001125055  
 Servicing: VW  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 21.00 mm



**114318** Starter 12 V, 2.2 kW  
 Replacing: 9000331430, 9000331424,  
 9000331421, 9000331406, 0001218818  
 Servicing: Nissan  
 B+ M8, Total length 262.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 9.00 mm



**114319** Starter 24 V, 2.5 kW  
 Replacing: 0001219009  
 Servicing: Mercedes-Benz, Puch (Steyr-Daimler)  
 B+ M8, Total length 274.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 27.00 mm



**114320** Starter 12 V, 3.0 kW  
 Replacing: 0001230013  
 Servicing: JCB, KHD  
 B+ M10, Total length 316.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 23.00 mm



**114321** Starter 12 V, 2.0 kW  
 Replacing: 0001109048, 0001108204  
 Servicing: Fiat  
 B+ M8, Total length 238.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 82.00 B: 11.00 mm



**114327** Starter 24 V, 5.5 kW  
 Replacing: 0001261016, 0001241008  
 Servicing: Howo, Scania, Weichai  
 Total length 320.00, Gear type GR,  
 Mounting holes 3 (0)  
 A: 88.80 B: 47.80 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114376\*** Starter 24 V, 4.0 kW  
 Replacing: 0001231035  
 Servicing: MAN  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 31.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114395** Starter 12 V, 3.0 kW  
 Replacing: 0001262006, 0001230027,  
 0001230001  
 Servicing: Mercedes-Benz  
 B+ M10, Gear type GR,  
 Mounting holes 3 (0)  
 A: 89.00 B: 49.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114397** Starter 24 V, 4.0 kW  
 Replacing: 0001368067  
 Servicing: Cummins  
 B+ M10, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 48.20 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114402\*** Starter 12 V, 2.3 kW  
 Replacing: 0001223022, 0001109355  
 Servicing: Mercury, VM Motori  
 Mounting holes 2 (0)  
 A: 82.50 mm



**114437** Starter 24 V, 5.4 kW  
 Replacing: 0001416031  
 Servicing: Atlas Copco, Bosch, Ford, KHD,  
 Poclairn  
 B+ M10, B- M10, Total length 324.00,  
 Mounting holes 3 (0), Insulated return  
 A: 89.00 B: 47.50 mm



**114438** Starter 24 V, 5.4 kW  
 Replacing: 0001416032  
 Servicing: KHD, Liebherr, Orenstein and  
 Koppel  
 B+ M10, B- M10, Mounting holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.50 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114446** Starter 24 V, 5.4 kW

Replacing: 0001416046

Servicing: Iveco

B+ M10, Mounting holes 3 (0)

A: 92.00 B: 47.50 mm



10,11,12,13



**114460** Starter 12 V, 1.4 kW

Replacing: 0001108400, 0001108183

Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot

B+ M8, Total length 216.00,

Gear type GR, Mounting holes 3 (3)

B: - 4.00 mm



10

**NEW PRODUCT**  
www.hc-cargo.com

**114477\*** Starter 12 V, 1.7 kW

Replacing: 0001125025

Servicing: Porsche

Gear type GR, Mounting holes 2 (0)

A: 60.00 B: 32.00 mm



9

**NEW PRODUCT**  
www.hc-cargo.com

**114478** Starter 24 V, 3.2 kW

Replacing: 0001363113

Servicing: Lombardini

B+ M10, Gear type GR,  
Mounting holes 2 (0)

A: 82.50 B: 23.00 mm



10

**NEW PRODUCT**  
www.hc-cargo.com

**114507\*** Starter 12 V, 1.8 kW

Replacing: 0001115077, 0001115076

Gear type GR, Mounting holes 2 (0)

A: 60.0 mm



9

**NEW PRODUCT**  
www.hc-cargo.com

**114523\*** Starter 24 V, 4.0 kW

Replacing: B001260015, 0001231033,  
0001231032, 0001231002

Servicing: Mercedes-Benz

B+ M10, Total length 311.50,  
Mounting holes 3 (0)

A: 89.00 B: 48.50 mm



**110634** Starter 12 V, 0.65 kW  
 Replacing: 693054, 497595, 497594, 491766, 453303, 394805, 392749, 391423, 390838  
 Servicing: Briggs & Stratton  
 B+ 1/4« UNC, Total length 170.00,  
 Gear type DD, Mounting holes 3 (0)



**110635** Starter 12 V, 0.5 kW  
 Replacing: 497596, 435307, 394808, 394674, 393017  
 Servicing: Briggs & Stratton  
 B+ M6, Total length 169.00,  
 Gear type DD, Mounting holes 2 (0)  
 B: 15.60 mm



**111804** Starter 12 V, 0.6 kW  
 Replacing: 396306, 394807, 391178  
 Servicing: Toro  
 B+ 1/4« UNC, Total length 182.00,  
 Drive type Plastic, Gear type DD,  
 Mounting holes 2 (0)  
 B: 50.00 mm



**112242** Starter 12 V, 0.6 kW  
 Replacing: 498148, 495100, 399928  
 Servicing: Briggs & Stratton  
 B+ M6, Total length 182.00,  
 Gear type DD, Mounting holes 2 (0)  
 B: 10.00 mm



**112563** Starter 12 V, 0.8 kW  
 Replacing: 795121, 691262, 499529, 499521, 497401, 495920, 494990, 494900, 494490, 494198, 494148, 490420  
 Servicing: Briggs & Stratton  
 B+ 1/4« UNC, Total length 182.00,  
 Drive type Plastic, Gear type DD,  
 Mounting holes 2 (0)



**113539** Starter 12 V  
 Replacing: 808106, 693469, 691564  
 Servicing: Briggs & Stratton, John Deere  
 B+ M8, Total length 185.70, Drive type Bronze, Gear type DD,  
 Mounting holes 2 (0)



**113853** Starter 12 V  
 Replacing: 693551  
 Servicing: Briggs & Stratton, Cub Cadet, John Deere  
 B+ 1/4« UNC, Total length 170.00,  
 Drive type Bronze, Gear type PMDD,  
 Mounting holes 3 (0)




**110205** Starter 24 V, 6.5 kW

Replacing: 860500, 858881, 857466

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: 860508, 857470

 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: 110207

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

Replacing: 860504, 860121

 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof

A: 89.00 B: 48.50 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 860506, 860132, 857468

 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.50 mm


**110211#** Starter 24 V, 6.6 kW

Replacing: 860544

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 48.00 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 860548

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110442** Starter 12 V, 2.1 kW

Replacing: 859883

 Servicing: Balkancar, Conveyancer, Massey  
 Ferguson, Matbro

 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 30.00 mm


**110449** Starter 12 V, 3.6 kW

Replacing: 870644

 Servicing: Caterpillar, Dronningborg, Hyster,  
 Massey Ferguson, Perkins

 B+ M8, Total length 370.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 48.75 mm


**110452** Starter 12 V, 3.6 kW

Replacing: 870656

Servicing: Perkins

 B+ M8, Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

A: 89.00 B: 48.00 mm


**110454** Starter 12 V, 3.6 kW

 Replacing: LNS4524/14, 870643, 859536,  
 858764

Servicing: Ford

 B+ M8, Total length 371.00,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed

A: 92.00 B: 20.00 mm


**110493#** Starter 12 V, 3.6 kW

Replacing: 870607

Servicing: Ursus

 B+ M8, Total length 361.50,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.50 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 860104

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, Total length 295.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: LNS4524/20, 859542

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: LNS4524/17, 859539

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Gear type DD,

Mounting holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: LNS4524/15, 859537, 858780

Servicing: Mercedes-Benz

B+ M10, Total length 341.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: 860130, 860109

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 341.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: LNS4524/13, 859535, 857472

Servicing: Scania, Steyr

B+ M10, Total length 342.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 46.50 mm


**110535** Starter 24 V, 5.4 kW

Replacing: 860655, 860115

Servicing: Iveco

B+ M10, B- M10, Total length 384.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110538** Starter 12 V, 3.6 kW

Replacing: 860542

Servicing: Volvo Penta

B+ M10, B- M10, Total length 384.00,

Gear type DD, Mounting holes 3 (0),

Insulated return

A: 89.00 B: 47.00 mm


**110566** Starter 24 V, 5.2 kW

Replacing: 870660, 870648

Servicing: Perkins

B+ M8, Total length 371.00,

Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 47.75 mm


**110582** Starter 24 V, 5.4 kW

Replacing: 860516, 860125

Servicing: Iveco

B+ M10, B- M10, Total length 384.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**110590** Starter 12 V, 2.8 kW

Replacing: LNS2830

Servicing: Bobcat, Perkins

B+ M10, Total length 339.00,

Gear type GR, Mounting holes 3 (0),

Oil sealed, Waterproof

Replaces: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm


**110602** Starter 12 V, 2.8 kW

Replacing: LNS2820

Servicing: Bobcat, Clark, Perkins

B+ M10, Total length 339.00,

Gear type GR, Mounting holes 3 (0),

Oil sealed

Replacing: 22MT, 28MT.

A: 89.00 B: 46.00 mm


**110721** Starter 24 V, 7.1 kW

Replacing: MS1A/12, MS1/400A, MS1/100, MS1-400C, MS1-400A, MS1-300C, MS1-300A, MS1-129, MS1-100, 859471

 Servicing: ERF, Foden, LDV International  
 B+ M12, 15a M6, Total length 483.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 46.55 mm


**110980** Starter 24 V, 5.4 kW

Replacing: 860512, 860110, 858878

Servicing: Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**110981** Starter 24 V, 5.4 kW

Replacing: 860509, 859021

Servicing: DAF

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 47.50 mm


**110998** Starter 24 V, 5.2 kW

Replacing: 870651

Servicing: DAF, Ford

 B+ M8, Total length 166.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**111000** Starter 24 V

Replacing: MS1A/25, MS1A/20, MS1/411AZ, MS1/401A, MS1-403A, MS1-401C, MS1-401A, MS1-401, MS1-124, MS1-103

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

 B+ M12, Total length 497.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 2MT.

A: 92.00 B: 47.25 mm


**111024** Starter 12 V, 3.6 kW

Replacing: 870646

Servicing: Clark, Lister, Massey Ferguson, Perkins

 B+ M8, Total length 370.50, Gear type DD,  
 Mounting holes 3 (0), Oil sealed

A: 89.00 B: 47.45 mm


**111041** Starter 12 V, 2.8 kW

Replacing: LNS2810

Servicing: Fiat-Allis, Hyster, Perkins

 B+ M10, Total length 338.50,  
 Gear type GR, Mounting holes 3 (0)

Replaces: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


**111097** Starter 24 V, 5.5 kW

Replacing: MS4/406, MS4-406, LNS4524/7, LNS4524/4, 870663, 870655, 859432, 859422

Servicing: Komatsu, Perkins

 B+ M10, 15a M5, Total length 374.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

A: 88.90 B: 30.35 mm


**111100** Starter 12 V, 0.7 kW

Replacing: MS1/453

Servicing: Citroen

 B+ M8, Total length 207.75,  
 Gear type DD, Mounting holes 2 (0)

A: 65.60 B: 19.80 mm


**111231** Starter 24 V, 6.6 kW

Replacing: 860123

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 89.00 B: 40.25 mm


**111286** Starter 24 V, 5.5 kW

Replacing: MS4/405, MS4/401, MS4-403K, MS4-401, LNS4524/6, LNS4524/26, LNS4524/24, LNS4524/21, LNS4524, GR45/2

Servicing: ERF, Foden, Seddon

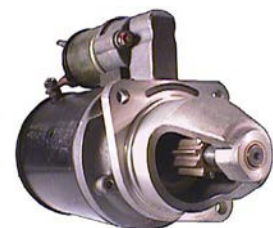
 B+ M10, Total length 375.50,  
 Gear type DD, Mounting holes 3 (0)

A: 88.50 B: 48.00 mm





**111399** Starter 24 V, 4.5 kW  
 Replacing: LNS4524/9, 859506, 859022  
 Servicing: DAF  
 B+ M10, Total length 352.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 38.00 mm



**111574** Starter 12 V, 2.8 kW  
 Replacing: 858762  
 Servicing: ERF, LDV International  
 B+ M8, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 47.15 mm



**111638** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/12, 859534  
 Servicing: Volvo  
 B+ M10, 15a M4, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 47.70 mm



**111640** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/16, 859538, 858318  
 Servicing: MAN  
 B+ M10, Total length 338.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.50 B: 28.00 mm



**111910** Starter - not insulated 24 V,  
 6.7 kW  
 Replacing: 860305  
 Servicing: Scania  
 B+ M12, 30h M12, Total length 429.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111982** Starter 24 V, 4.0 kW  
 Replacing: 860321  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 317.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.75 B: 45.00-49.00 mm



**111983#** Starter 24 V, 6.6 kW  
 Replacing: 860517  
 Servicing: Mercedes-Benz, Volvo  
 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm



**112055** Starter 24 V, 5.2 kW  
 Replacing: 860304  
 Servicing: DAF  
 B+ M10, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 48.00 mm



**112084** Starter 12 V, 3.6 kW  
 Replacing: 870645  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 370.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 A: 92.10 B: 20.60 mm



**112090** Starter 24 V, 5.2 kW  
 Replacing: 870653  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 371.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 A: 92.00 B: 20.50 mm



**112091** Starter 24 V, 5.2 kW  
 Replacing: 870658, 870649  
 Servicing: Perkins  
 B+ M8, 15a M5, Total length 371.55,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 A: 89.00 B: 47.00 mm



**112116** Starter 24 V, 6.6 kW  
 Replacing: 860511  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm


**112117#** Starter 24 V, 6.6 kW

Replacing: 860513

Servicing: Iveco

 B+ M12, B- M10, Total length 405.50,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed

A: 115.00 B: 20.00 mm


**112118** Starter 24 V, 6.6 kW

Replacing: 860514

Servicing: Isotta Fraschini, Iveco

 B+ M12, B- M10, 15a M6,  
 Total length 405.00, Gear type DD,  
 Mounting holes 3 (0)

A: 92.00 B: 48.00 mm


**112119** Starter 24 V, 6.6 kW

Replacing: 860505, 858879

Servicing: Scania

 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 41.00 mm


**112267** Starter 12 V, 2.5 kW

Replacing: LNS2800

Servicing: Bobcat, Cummins, Ford

 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed

A: 89.00 B: 46.50 mm


**112507** Starter 24 V, 5.4 kW

Replacing: 860520

Servicing: Volvo, Volvo Penta

 B+ M10, B- M10, Total length 385.00,  
 Gear type DD, Mounting holes 3 (0)  
*112507 is not oil sealed. Please inform customer*

A: 89.00 B: 51.00 mm


**112655#** Starter 12 V, 3.6 kW

Replacing: 870662

Servicing: Bedford, Clark

 B+ M8, Gear type DD,  
 Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**112656** Starter 24 V, 4.5 kW

 Replacing: MS4/400, MS4-400, LNS4524/5,  
 LNS4524/11, 869399Z, 860603, 859532,  
 859399

Servicing: DAF, ERF, Foden, Seddon

 B+ M10, Total length 375.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**113332** Starter 24 V, 7.5 kW

 Replacing: MS3/51, MS3/503, MS3/451A,  
 MS3/351A, 857663

Servicing: ERF, Seddon

 B+ M12, B- M12, Total length 436.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**113333** Starter 24 V, 7.0 kW

 Replacing: MS1/410A, MS1-409A, MS1-404P,  
 MS1-130, MS1-119, MS1-110, MS1-109, MS1-  
 104, MS1, 859344, 858900

Servicing: Seddon

 B+ M12, B- M12, Total length 483.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 47.00 mm


**113334** Starter 24 V, 6.0 kW

 Replacing: MS3/502, MS3/300A, MS3-502,  
 MS3, 855873, 851450, 851360, 851291,  
 851022, 850998, 850996, 850773

Servicing: Perkins

 B+ 1/2« UNC, Total length 433.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.00 mm


**113380** Starter 12 V, 2.8 kW

Replacing: 860106

Servicing: Ford

 B+ M8, B- M8, Total length 307.00,  
 Gear type DD, Mounting holes 3 (0)

A: 91.80 B: 20.00 mm


**113389** Starter 12 V, 2.2 kW

Replacing: 860100

Servicing: Mercedes-Benz

 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 2 (2)

A: 82.40 B: 25.00 mm



**113453** Starter 24 V, 6.5 kW

Replacing: 870640, 870604

Servicing: Iveco

B+ M10, 15a M5-6.30, -

Total length 370.50, Gear type DD,  
Mounting holes 3 (0), Insulated return,  
Oil sealed

A: 110.00 B: 26.80 mm



**114193** Starter 24 V, 5.5 kW

Replacing: 860822

Servicing: Renault V.I., Volvo

B+ M8, Total length 316.00,

Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 48.00 mm



**114387** Starter 12 V, 3.2 kW

Replacing: 860714

Servicing: JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 299.00, Gear type DD,  
Mounting holes 3 (0)

*Iskra version.*

A: 89.00 B: 28.85 mm




**110205** Starter 24 V, 6.5 kW

Replacing: S130L24-21, 2311210

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: S115HD24-1, 2998011, 1403000

 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

 Replacing: S115A24-21, 2998008, 1327A601,  
 1327A600

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110209** Starter 24 V, 5.4 kW

Replacing: 2998009

Servicing: DAF

 B+ M12, B- M12, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 2998010

 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.50 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 2998006

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110347** Starter 24 V, 7.5 kW

Replacing: 2311040

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

 B+ M12, 15a M4, Total length 522.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 50MT

A: 92.00 B: 47.00 mm


**110449** Starter 12 V, 3.6 kW

 Replacing: Z1320F515, S115A12-1,  
 CA45H12-2, CA45G12-51A, CA45G12-51,  
 CA45G12-2M, CA45G12-2, CA45F12-Y81

 Servicing: Caterpillar, Dronningborg, Hyster,  
 Massey Ferguson, Perkins

 B+ M8, Total length 370.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 48.75 mm


**110450** Starter 12 V, 3.6 kW

 Replacing: S115A12-3M, S11512-3M,  
 S1115A12-3, CA45H12-3M, CA45G12-3M,  
 CA45G12-3, CA45F12-Y3M, CA45F12-3M

Servicing: Perkins

 B+ M8, B- M8, 15a M4,  
 Total length 370.00, Gear type DD,  
 Mounting holes 3 (0), Insulated return,  
 Oil sealed

A: 88.80 B: 47.50 mm


**110452** Starter 12 V, 3.6 kW

 Replacing: S115A12-15M, CA45H12-11M,  
 CA45G12-95M, CA45G12-95, CA45G12-11M,  
 CA45F12-Y11M, CA45F12-95M

Servicing: Perkins

 B+ M8, Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

A: 89.00 B: 48.00 mm


**110454** Starter 12 V, 3.6 kW

Replacing: Z1320F183, S115A12-9, S11512-9, CA45H12-18, CA45G12-18, CA45F12-Y83, CA45F12-Y18, CA45F12-83Y

Servicing: Ford

 B+ M8, Total length 371.00,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed

A: 92.00 B: 20.00 mm


**110493<sup>#</sup>** Starter 12 V, 3.6 kW

Replacing: Z1320F621, CA45G12-62, CA45F12-62, CA45D12-62, CA4512-62, 1320G621, 1320F621, 1320621

Servicing: Ursus

 B+ M8, Total length 361.50,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.50 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 2998201

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: 2998001

Servicing: Mercedes-Benz

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: 2998000

Servicing: Claas, Mercedes-Benz

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: CA45F24-Y78, 2998004, 2996101, 1321F904, 1321F780, 1321780

Servicing: Scania, Steyr

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: 2998200

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm


**110531** Starter 24 V, 6.6 kW

Replacing: 2998007

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 0 (0)

A: 56.00 B: 43.00 mm


**110566** Starter 24 V, 5.2 kW

Replacing: S115A24-2, S115A24-1, S11524-2, S11524-1, CA45H24-2, CA45G24-2, CA45F24-Y2, CA45F24-47, CA45F24-2

Servicing: Perkins

 B+ M8, Total length 371.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 47.75 mm


**110998** Starter 24 V, 5.2 kW

Replacing: S115A24-9, S11524-9, CA45H24-18, CA45G24-18, CA45F24-18, CA45D24-18, CA4524-18, 1327A491, 1327A490

Servicing: DAF, Ford

 B+ M8, Total length 166.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**111000** Starter 24 V

Replacing: 2998150

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

 B+ M12, Total length 497.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 2MT.

A: 92.00 B: 47.25 mm


**111024** Starter 12 V, 3.6 kW

Replacing: Z1320F720, S115A12-2, S115A12-12, S11512-2, CA45H12-72, CA45G12-72, CA45F12-Y72, CA45F12-72

Servicing: Clark, Lister, Massey Ferguson, Perkins

B+ M8, Total length 370.50, Gear type DD, Mounting holes 3 (0), Oil sealed

A: 89.00 B: 47.45 mm


**111097** Starter 24 V, 5.5 kW

Replacing: S115A24-8, S115A24-7, S115A24-29, S115A24-23, S115A24-20, S11524-8, S11524-7X, S11524-7, S11524-23X

Servicing: Komatsu, Perkins

B+ M10, 15a M5, Total length 374.50, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

A: 88.90 B: 30.35 mm


**111636** Starter 24 V, 5.0 kW

Replacing: 2998003

Servicing: DAF

B+ M10, Total length 371.00, Gear type DD, Mounting holes 3 (0)

A: 88.75 B: 39.70 mm


**111638** Starter 24 V, 4.0 kW

Replacing: 2998002

Servicing: Volvo

B+ M10, 15a M4, Gear type DD,

Mounting holes 3 (0)

A: 89.00 B: 47.70 mm


**111798** Starter 24 V, 7.8 kW

Replacing: S115A24-18, S11524-18, S11424-18, 1327A571, 1327A570, 1327571, 1327570

Servicing: Ford

B+ M8, Total length 372.00,

Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 47.50 mm


**112084** Starter 12 V, 3.6 kW

Replacing: S115A12-4M, S11512-4M, CA45G12-55M, CA45G12-124M, CA45F12-55M, CA45D12-55M, 1327A031, 1327A030

Servicing: Ford

B+ M8, 15a M5, Total length 370.50,

Gear type DD, Mounting holes 3 (0),

Insulated return, Oil sealed

A: 92.10 B: 20.60 mm


**112090** Starter 24 V, 5.2 kW

Replacing: S115A24-4M, S11524-4M, CA45G24-55M, CA45G24-124M, CA45F24-55M, CA45F24-55, CA45D24-55M, CA45D24-55

Servicing: Ford

B+ M8, 15a M5, Total length 371.50, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

A: 92.00 B: 20.50 mm


**112091** Starter 24 V, 5.2 kW

Replacing: S115A24-3M, S11524-3M, CA45H24-3M, CA45G24-3M, CA45G24-3, CA45F24-Y55M, CA45F24-Y3, CA45F24-3M

Servicing: Perkins

B+ M8, 15a M5, Total length 371.55, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

A: 89.00 B: 47.00 mm


**112248** Starter 12 V, 3.6 kW

Replacing: S115A12-11M, CA45H12-125M, CA45G12-125M, 1327A081, 1327A080, 1320H934, 1320G934

Servicing: Cummins

B+ M8, Total length 366.00, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

A: 89.00 B: 48.50 mm




**112372** Starter 24 V, 7.8 kW

Replacing: S115A24-11M, CA45H24-125M, CA45G24-125M, CA45F24-125M, 1327A501, 1327A500, 1321H936, 1321G936

Servicing: Cummins

B+ M8, Total length 366.00,  
Gear type DD, Mounting holes 3 (0)  
A: 89.00 B: 48.00 mm


**112579** Starter 12 V, 6.5 kW

Replacing: S115A12-30M, CA45G12-121M, 1327A141, 1324A140, 1320G938

Servicing: Iveco

B+ M8, 15a M5-6.30, -  
Total length 370.50, Clutch type Wet,  
Gear type DD, Mounting holes 3 (0),  
Insulated return  
A: 110.00 B: 26.50 mm


**112655<sup>#</sup>** Starter 12 V, 3.6 kW

Replacing: S115A12-5, S11512-5, 1327A041, 1327A040, 1327040

Servicing: Bedford, Clark

B+ M8, Gear type DD,  
Mounting holes 3 (0)  
A: 89.00 B: 29.50 mm


**113453** Starter 24 V, 6.5 kW

Replacing: S115A24-30M, CA45G24-12M, CA45G24-121M, CA45G24-121, CA45F24-121, 1327A691, 1327A690, 1321G938

Servicing: Iveco

B+ M10, 15a M5-6.30, -  
Total length 370.50, Gear type DD,  
Mounting holes 3 (0), Insulated return,  
Oil sealed  
A: 110.00 B: 26.80 mm


**110222** Starter 12 V, 1.3 kW

Replacing: 4145568, 4145360, 4111860, 4091950, 3755250

 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 298.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 71.00 B: 24.50 mm

**110223** Starter 12 V, 1.1 kW

Replacing: 4091975, 3755900, 3755259, 3656650, 3656575, 2875560, 2098500, 2095150

 Servicing: Chrysler, Dodge, Plymouth  
 B+ 5/16« UNC, Total length 283.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 71.40 B: 23.50 mm

**110231** Starter 12 V

 Replacing: 3131372, 3131371  
 Servicing: American Motors, Jeep  
 B+ M6, Total length 265.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.50 B: 17.50 mm

**110509** Starter 12 V, 1.4 kW

 Replacing: 3182774  
 Servicing: American Motors, Jeep  
 B+ M8, Total length 265.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.50 B: 17.00 mm

**110636** Starter 12 V, 0.6 kW

 Replacing: 616955, 480955  
 Servicing: Chrysler  
 B+ 1/4« UNC, Total length 262.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (2)  
 A: 63.30 B: 64.00 mm

**111114** Starter 12 V, 3.1 kW

 Replacing: 56026851  
 Servicing: Jeep, Renault  
 B+ M8, Total length 257.75,  
 Gear type GR, Mounting holes 3 (3)  
 A: 75.00 B: -9.50 mm

**111259** Starter 12 V, 1.3 kW

 Replacing: 4609320  
 Servicing: Case  
 B+ M10, 15a M5, Total length 305.00,  
 Gear type DD, Mounting holes 3 (0)  
 Replacing: 10MT.  
 A: 88.70 B: 19.00 mm

**111349** Starter 12 V, 1.2 kW

 Replacing: 56041021AD, 56041014, 56041012AE, 56041012AB, 56041012, 56027317, 56021012AB, 54041012AC, 33002709  
 Servicing: Jeep  
 B+ M8, Total length 230.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.40 B: 5.50 mm

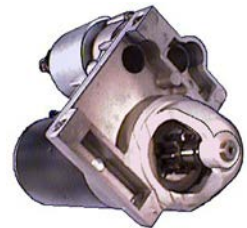
**111396** Starter 12 V, 1.2 kW

 Replacing: 4793210, 4793110, 4557468, 4557466  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 74.00 B: 8.30 mm

**111425** Starter 12 V, 1.4 kW

 Replacing: 5233007, 5233006, 5227342, 5227282, 5226842, 5226444, 4671130, 4557209, 4419312, 4419311, 4419308  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 81.90 B: 8.50 mm

**111456** Starter 12 V, 1.4 kW

 Replacing: 5234648, 5227548, 5227248, 5226948, 4671084, 4557384, 4557284, 4467185, 4419340, 44193080, 4379144  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 80.00 B: 7.00 mm

**111490** Starter 12 V, 1.4 kW

 Replacing: 56027350  
 Servicing: Eagle, Jeep  
 B+ M8, Total length 245.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 66.00 B: 11.00 mm



**111492** Starter 12 V, 1.4 kW  
 Replacing: 5334509, 5234509, 4686109, 4686045, 4557709  
 Servicing: Chrysler, Dodge, Nissan, Plymouth  
 B+ M8, Total length 226.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (2)  
 A: 82.00 B: 8.00 mm



**111764** Starter 12 V, 1.4 kW  
 Replacing: 53005984, 5226844, 4379160, 4379143, 4349144  
 Servicing: Dodge  
 B+ M8, Total length 240.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 71.00 B: 23.50 mm



**112301** Starter 12 V, 1.2 kW  
 Replacing: 56041013, 56027904, 4796981  
 Servicing: Dodge, Jeep  
 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 68.00 B: 18.00 mm



**112816<sup>#</sup>** Starter 12 V, 1.1 kW  
 Replacing: 4672108  
 Servicing: Chrysler, Dodge, Eagle, Mitsubishi  
 B+ M8, Total length 219.05,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 9.00 mm



**112845** Starter 12 V, 1.4 kW  
 Replacing: 4609011  
 Servicing: Chrysler, Dodge, Eagle, Plymouth  
 B+ M8, Total length 240.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (3)  
 A: 82.00 B: 8.00 mm



**112846** Starter 12 V, 1.4 kW  
 Replacing: 4609058  
 Servicing: Chrysler, Dodge  
 B+ M8, Total length 231.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 81.90 B: 7.70 mm



**113043<sup>#</sup>** Starter 12 V, 1.7 kW  
 Replacing: 5234361, 4609001  
 Servicing: Dodge, Eagle  
 B+ M8, Total length 230.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (3)  
 A: 82.00 B: 3.00 mm



**113044** Starter 12 V, 1.4 kW  
 Replacing: 56004934  
 Servicing: Jeep  
 B+ M8, Total length 215.10,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 71.80 B: 23.00 mm



**113047<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: 56041013AC  
 Servicing: Dodge, Jeep  
 B+ M8, Total length 209.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)  
 A: 71.70 B: 8.65 mm



**113095<sup>#</sup>** Starter 12 V, 0.9 kW  
 Replacing: 5226742, 5213645, 5213590, 5213450, 5213049, 5213045, 5212190, 4439474, 4339474  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 272.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 79.00 B: 5.00 mm



**113105<sup>#</sup>** Starter 12 V, 1.2 kW  
 Replacing: 4609010  
 Servicing: Chrysler, Dodge, Eagle  
 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 81.70 B: 8.00 mm



**113114** Starter 12 V, 2.7 kW  
 Replacing: 4746639, 4741012  
 Servicing: Cummins, Dodge  
 B+ M10, Total length 301.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm





**113115<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: 4609703  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 192.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.95 B: 10.50 mm



**113116** Starter 12 V, 1.4 kW  
 Replacing: 56027702, 560277002  
 Servicing: Dodge  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 72.40 B: 23.00 mm



**113117<sup>#</sup>** Starter 12 V, 1.2 kW  
 Replacing: 4686104  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.70 B: 8.00 mm



**113120** Starter 12 V, 1.4 kW  
 Replacing: 56027702AC, 56027702AB  
 Servicing: Dodge  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 72.50 B: 23.00 mm



**113241<sup>#</sup>** Starter 12 V, 1.2 kW  
 Replacing: 4686111  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 182.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 9.50 mm



**113242** Starter 12 V, 1.4 kW  
 Replacing: 4609346AB, 4609346  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 237.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 81.60 B: 8.00 mm



**113587** Starter 12 V, 1.1 kW  
 Replacing: 4793804  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 8.80 mm



**113613** Starter 12 V, 1.1 kW  
 Replacing: 5033556AC, 5033556AB,  
 5033556AA, 5033133AC, 5033133AB,  
 5033133AA, 4793493, 05033556AA,  
 05033163AC  
 Servicing: Dodge, Plymouth  
 B+ M8, Total length 211.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 9.00 mm



**113618** Starter 12 V, 1.6 kW  
 Replacing: 56041207AD, 56041207AC,  
 56041207AB, 56041207  
 Servicing: Jeep  
 B+ M8, Total length 215.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 64.90 B: 5.00 mm



**113619<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: 56027703AC  
 Servicing: Dodge  
 B+ M8, Total length 217.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 88.70 B: 48.00 mm



**113642** Starter 12 V, 1.6 kW  
 Replacing: 56041641AD, 56041641AC,  
 56041136AB  
 Servicing: Jeep  
 B+ M8, Total length 226.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (2)  
 A: 65.00 B: 4.85 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**113977\*** Starter 12 V, 2.2 kW  
 Replacing: 4868860AA, 04868860AA  
 Servicing: Chrysler, Dodge



**114135** Starter 12 V, 1.2 kW

Replacing: 4686045AC, 4686045AB, 04686111AC, 04686045AB

Servicing: Chrysler, Dodge, Plymouth

B+ M8, Total length 230.00, Gear type GR, Mounting holes 2 (0)

A: 81.60 B: 7.50 mm



**114144** Starter 12 V, 2.0 kW

Replacing: 5033125AA, 05033125AA

Servicing: Chrysler, Jeep

B+ M8, Total length 227.00, Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 25.95 mm



**114237** Starter 12 V, 2.2 kW

Replacing: 5033125AB, 05033125AB

Servicing: Chrysler, Jeep

B+ M8, Total length 227.00, Gear type GR, Mounting holes 2 (2)

A: 82.00 B: 25.50 mm



**114238** Starter 12 V, 1.4 kW

Replacing: 56041013AB

Servicing: Jeep

Mounting holes 4 (0)



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114274\*** Starter 12 V, 2.3 kW

Replacing: 56041563AA

Gear type GR, Mounting holes 3 (0)

A: 82.50 B: 24.00 mm



**114279** Starter 12 V, 2.2 kW

Replacing: 56041579AB

Servicing: Jeep

B+ M8, Total length 227.00,

Gear type GR, Mounting holes 3 (0)

A: 82.50 B: 54.00 mm



**114283** Starter 12 V, 2.0 kW

Replacing: 4727313AC, 04727313AC, 04727313AA

Servicing: Chrysler

B+ M8, Total length 227.00,

Gear type GR, Mounting holes 3 (2)

A: 82.50 B: 0.00 mm



**114328** Starter 12 V, 1.6 kW

Replacing: 4609345

Servicing: Chrysler

B+ M8, 15a Plug, Total length 239.00, Mounting holes 3 (3)

A: 120.00 B: 8.00 mm


**110145<sup>#</sup>** Starter 12 V, 1.0 kW

Replacing: 128000-2820, 128000-0370, 028000-8460, 028000-7210, 028000-6600, 028000-5470, 028000-5430

Servicing: Honda

B+ M8, Total length 248.50,  
Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 35.00 mm


**110149** Starter 12 V, 0.9 kW

Replacing: 228000-3381, 228000-3380

Servicing: Mazda, Mercury

B+ M8, Total length 198.00,  
Gear type DD, Mounting holes 3 (2)

A: 74.00 B: 15.00 mm


**110152** Starter 12 V, 0.9 kW

Replacing: 028000-9020, 028000-7530, 028000-6813, 028000-6812, 028000-6811, 028000-6810, 028000-6803

Servicing: Toyota

B+ M8, Total length 194.00,  
Gear type DD, Mounting holes 2 (0)

A: 74.00 B: 19.50 mm


**110153<sup>#</sup>** Starter 12 V, 0.8 kW

Replacing: 128000-2611, 128000-2610, 028000-8921, 028000-8920, 028000-7093, 028000-7092, 028000-7091

Servicing: Daihatsu, Subaru, Toyota

B+ M8, 15a M4, Total length 209.50,  
Gear type DD, Mounting holes 2 (2)

A: 66.00 B: 18.00 mm


**110154** Starter 12 V, 0.8 kW

Replacing: 028000-9010, 028000-7521, 028000-7520, 028000-6823, 028000-6822, 028000-6821, 028000-6820

Servicing: Daihatsu, Komatsu, Toyota

B+ M8, 15a 6.30, Total length 252.00,  
Gear type DD, Mounting holes 2 (0)

A: 83.00 B: 32.50 mm


**110158** Starter 12 V, 1.2 kW

Replacing: 128000-0462, 128000-0461

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

B+ M8, Total length 233.00,  
Gear type DD, Mounting holes 2 (2)

A: 77.00 B: 18.00 mm


**110245** Starter 12 V, 1.0 kW

Replacing: 128000-6841, 128000-6840, 128000-6621, 128000-6620, 028000-8434, 028000-8432, 028000-8431

Servicing: Kubota, Skoda

B+ M8, Total length 196.00,  
Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 26.00 mm


**110246** Starter 12 V, 1.4 kW

Replacing: 228000-1061, 228000-1060, 128000-4900, 028000-6140

Servicing: Kubota

B+ M8, Total length 212.00,  
Gear type GR, Mounting holes 2 (0)

A: 66.00 B: 18.00 mm


**110249** Starter 12 V, 0.8 kW

Replacing: 128000-9540, 128000-5230, 128000-0670, 128000-0290

Servicing: Honda, Nissan, Rover

B+ M8, Total length 209.50,  
Gear type DD, Mounting holes 2 (0)

A: 75.00 B: 34.75 mm


**110253<sup>#</sup>** Starter 12 V, 1.0 kW

Replacing: 128000-2060, 128000-2050, 128000-1610, 028000-9720, 028000-9680

Servicing: Chevrolet, GEO, Toyota

B+ M8, Total length 194.00,  
Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 8.00 mm


**110260** Starter 12 V, 1.0 kW

Replacing: 128000-8241, 128000-8240, 128000-1241, 128000-1240, 028000-7561, 028000-7560, 028000-5901

Servicing: Toyota, VW

B+ M8, Total length 197.00,  
Gear type GR, Mounting holes 2 (0)

A: 73.80 B: 20.00 mm


**110290<sup>#</sup>** Starter 12 V, 1.0 kW

Replacing: 028000-8050

Servicing: Chrysler, Daihatsu, Dodge, Plymouth, Toyota

B+ M8, Total length 197.00,  
Gear type GR, Mounting holes 2 (2)

A: 73.95 B: 8.00 mm




**110295<sup>#</sup>** Starter 12 V, 1.0 kW

Replacing: 128000-1220, 028000-8581, 028000-8580, 028000-7600, 028000-1220

Servicing: Subaru

 B+ M8, Total length 199.60,  
Gear type GR, Mounting holes 2 (0)

A: 82.45 B: 33.00 mm


**110312** Starter 12 V, 1.0 kW

Replacing: 228000-0211, 228000-0210, 128000-5080, 128000-0281, 128000-0280

Servicing: Honda, Rover

 B+ M8, Total length 178.00,  
Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 32.40 mm


**110323** Starter 12 V, 0.8 kW

Replacing: 128000-8531, 128000-8530, 128000-1621, 128000-1620

Servicing: Toyota

 B+ M8, Total length 232.00,  
Gear type DD, Mounting holes 2 (2)

A: 74.00 B: 5.00 mm


**110336** Starter 12 V, 0.75 kW

Replacing: 028000-7711, 028000-5410, 028000-5401, 028000-5400

Servicing: Ford, Mercury, Triumph

 B+ M8, 15a M5, Total length 224.50,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110356** Starter 12 V, 1.4 kW

Replacing: 228000-1050, 128000-2131, 128000-2130

Servicing: Kubota

 B+ M8, Total length 207.20,  
Gear type GR, Mounting holes 2 (0)

A: 82.40 B: 25.00 mm


**110389** Starter 12 V, 2.2 kW

Replacing: 228000-3842, 228000-3841, 228000-3840, 128000-0040

Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki

 B+ M8, Total length 232.00,  
Gear type GR, Mounting holes 3 (2)

A: 88.00 B: 6.00 mm


**110396** Starter 12 V, 1.4 kW

Replacing: 028000-9861, 028000-9860, 028000-7621, 028000-7620, 028000-4532, 028000-4343, 028000-4342

Servicing: Toyota

 B+ M8, Total length 189.00,  
Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm


**110397** Starter 12 V, 1.0 kW

Replacing: 128000-7090, 128000-3440, 128000-3340, 128000-1520, 128000-0220, 028000-9381, 028000-9261

Servicing: Daihatsu, Toyota, VW

 B+ M8, Total length 181.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (2)

A: 73.95 B: 18.50 mm


**110399** Starter 12 V, 1.0 kW

Replacing: 128000-0102, 128000-0101, 128000-0100, 028000-6362, 028000-6361, 028000-6360, 028000-6001

Servicing: Toyota

 B+ M8, Total length 200.00,  
Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 20.00 mm


**110400<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: 128000-3810, 128000-2210, 028000-9510

Servicing: Daihatsu

 B+ M8, Total length 211.00,  
Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.40 mm


**110402** Starter 12 V, 0.6 kW

Replacing: 128000-4201, 128000-3641, 128000-1863, 128000-1862, 128000-1861, 028000-9091, 028000-9090

Servicing: Bedford, Suzuki

B+ M8, 15a M5, Total length 231.00, Gear type DD, Mounting holes 2 (0)

A: 65.00 B: 26.00 mm


**110411** Starter 12 V, 1.4 kW

Replacing: 228000-4850, 228000-4840, 228000-4392, 228000-4391, 228000-4390, 228000-4370, 128000-9740

Servicing: Toyota, VW

B+ M8, Total length 189.30, Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm


**110421** Starter 12 V, 0.8 kW

Replacing: 028000-9570, 028000-8890, 028000-7471, 028000-7470, 028000-7462, 028000-7461, 028000-7460

Servicing: Daihatsu, Kubota, Suzuki, Toyota

B+ M8, Total length 188.00, Gear type DD, Mounting holes 2 (0)

A: 66.00 B: 16.00 mm


**110437#** Starter 12 V, 1.4 kW

Replacing: 028000-8380

Servicing: Caterpillar

B+ M10, Total length 227.00, Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 21.00 mm


**110444** Starter 12 V, 2.1 kW

Replacing: 028000-2260

Servicing: LDV

B+ M8, Total length 309.00,

Gear type DD, Mounting holes 2 (0)

A: 88.80 B: 23.50 mm


**110447** Starter 12 V, 1.0 kW

Replacing: 428000-2640, 228000-7151, 228000-7150, 228000-0981, 228000-0980, 228000-0970, 228000-0800

Servicing: Kubota

B+ M8, Total length 199.50,

Gear type GR, Mounting holes 2 (0)

A: 66.00 B: 17.00 mm


**110473** Starter 12 V, 2.5 kW

Replacing: 028000-6292, 028000-6291, 028000-6290

Servicing: Daihatsu

B+ M8, Total length 296.00,

Gear type GR, Mounting holes 2 (2)

A: 81.50 B: 21.00 mm


**110474#** Starter 24 V, 4.5 kW

Replacing: 128000-0530, 028000-9331, 028000-9330, 028000-5690, 028000-5620, 028000-5532, 028000-5531

Servicing: Toyota

B+ M10, Total length 293.00,

Gear type GR, Mounting holes 2 (1)

A: 105.00 B: 14.50 mm


**110485** Starter 12 V, 1.4 kW

Replacing: 228000-7111, 228000-3802, 228000-3801, 228000-3800, 228000-3780, 228000-3732, 228000-0251

Servicing: Thermo King, Yanmar

B+ M8, Total length 214.00, Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 21.00 mm


**110486** Starter 12 V, 1.4 kW

Replacing: 128000-0721, 128000-0720, 028000-5800

Servicing: Thermo King

B+ M8, Total length 211.00,

Gear type GR, Mounting holes 2 (1)

A: 55.00 B: 30.00 mm


**110490** Starter 24 V, 4.5 kW

Replacing: 028000-6013, 028000-6012, 028000-6011, 028000-6010, 028000-5864, 028000-5863, 028000-5862

Servicing: Toyota

B+ M10, Total length 295.00,

Gear type GR, Mounting holes 2 (0)

A: 90.00 B: 16.00 mm


**110507** Starter 24 V, 4.5 kW

Replacing: 028000-5301, 028000-5300

Servicing: Toyota

B+ M10, Total length 299.00,

Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 56.00 mm




**110573** Starter 12 V, 2.0 kW

Replacing: 128000-2880, 028000-6440

Servicing: Daewoo, Hyster, Isuzu

B+ M8, Total length 234.00,

Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 21.80 mm


**110580** Starter 24 V, 4.5 kW

Replacing: 028000-6202, 028000-6201, 028000-6200

Servicing: Isuzu

B+ M10, Total length 358.00,

Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 41.00 mm


**110581** Starter 24 V, 4.5 kW

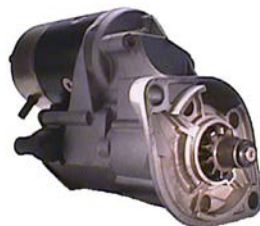
Replacing: 028000-7811, 028000-7810, 028000-7242, 028000-7241, 028000-7240, 028000-5891, 028000-5890

Servicing: Toyota

B+ M10, Total length 296.00,

Gear type GR, Mounting holes 2 (0)

A: 104.85 B: 16.30 mm


**110583#** Starter 12 V, 2.5 kW

Replacing: 028000-7231, 028000-7230, 028000-7222, 028000-7221, 028000-7220, 028000-4160

Servicing: Toyota

B+ M10, Total length 290.00,

Gear type GR, Mounting holes 2 (0)

A: 105.00 B: 16.60 mm


**110626** Starter 12 V, 1.4 kW

Replacing: 028000-8230

Servicing: Caterpillar

B+ M8, Total length 228.00,

Gear type GR, Mounting holes 3 (0)

*Units with 2 and 3 mounting holes are interchangeable*

A: 88.80 B: 20.25 mm


**110627** Starter 12 V, 2.5 kW

Replacing: 228000-8410, 028000-5884, 028000-5883, 028000-5882, 028000-5881, 028000-5880

Servicing: Case, Ford

B+ M8, Total length 291.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 47.60 mm


**110708** Starter 12 V, 2.7 kW

Replacing: 128000-9582, 128000-9581, 128000-9580, 128000-7923, 128000-7922, 128000-7921, 128000-7920

Servicing: Toyota, VW

B+ M10, Total length 296.50,

Gear type GR, Mounting holes 2 (1)

A: 82.45 B: 15.60 mm


**110709** Starter 12 V, 1.0 kW

Replacing: 128000-1441, 128000-1440

Servicing: Toyota

B+ M8, Total length 197.25,

Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 5.30 mm


**110712#** Starter 12 V, 1.0 kW

Replacing: 128000-5710, 128000-5700

Servicing: Toyota

B+ M8, Total length 197.00,

Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 8.00 mm


**110713** Starter 12 V, 1.0 kW

Replacing: 228000-1710, 228000-0311, 128000-8500, 128000-8360, 128000-8350, 128000-5781, 128000-5780

Servicing: GEO, Toyota

B+ M8, Total length 199.00,

Gear type GR, Mounting holes 2 (1)

A: 73.90 B: 8.00 mm


**110720** Starter 12 V, 1.4 kW

Replacing: 228000-4922, 228000-4920, 228000-1082, 228000-1081, 228000-1080, 228000-1022, 128000-6640

Servicing: Kubota

B+ M8, Total length 188.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 25.00 mm


**110831** Starter 12 V, 0.8 kW

Replacing: 028000-7681, 028000-7680, 028000-5210, 028000-5201, 028000-5200

Servicing: Ford

B+ M8, Total length 258.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 31.00 mm




**110934** Starter 12 V, 2.0 kW

Replacing: 128000-2280, 128000-0570  
 Servicing: Carrier Transicold, Thermo King  
 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.45 B: 22.50 mm


**110938** Starter 12 V, 1.4 kW

Replacing: 128000-0141, 128000-0140,  
 028000-7830  
 Servicing: Carrier Transicold  
 B+ M8, Total length 188.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.45 B: 26.00 mm


**110940** Starter 12 V, 1.4 kW

Replacing: 228000-6250, 228000-1071,  
 228000-1070, 228000-1041, 228000-1040,  
 228000-1002, 228000-1001  
 Servicing: Carrier Transicold, Kubota  
 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 26.50 mm


**110941** Starter 12 V, 2.5 kW

Replacing: 228000-1422, 228000-1421,  
 228000-1420, 128000-1062, 128000-1061,  
 128000-1060, 028000-0960  
 Servicing: Caterpillar  
 B+ M10, Total length 301.85,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed  
 A: 88.90 B: 24.60 mm


**110942** Starter 12 V, 2.5 kW

Replacing: 228000-6471, 228000-6470,  
 028000-8404, 028000-8403, 028000-8402,  
 028000-8401, 028000-8400  
 Servicing: Bobcat  
 B+ M10, Total length 295.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0), Oil sealed  
 A: 82.50 B: 35.50 mm


**110944** Starter 24 V, 5.5 kW

Replacing: 128000-5733, 128000-5732,  
 128000-5731, 128000-5730  
 Servicing: Caterpillar  
 B+ M12, Total length 322.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed  
 A: 88.75 B: 47.50 mm


**110961** Starter 12 V, 2.5 kW

Replacing: 128000-9610, 128000-4720,  
 128000-4083, 128000-4082, 128000-4081,  
 128000-4080  
 Servicing: Caterpillar  
 B+ M10, Total length 292.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.90 B: 48.00 mm


**110962** Starter 12 V, 2.0 kW

Replacing: 128000-7031, 128000-7030,  
 028000-9831, 028000-9830  
 Servicing: Caterpillar  
 B+ M10, Total length 228.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 73.90 B: 19.10 mm


**110999** Starter 24 V

Replacing: 228000-0070, 128000-7520,  
 128000-7510  
 Servicing: Case, Caterpillar, Fiat-Allis,  
 Peterbilt Trucks, Various, Volvo  
 B+ M12, 15a M5, Total length 499.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.50 mm


**111006<sup>#</sup>** Starter 12 V, 2.0 kW

Replacing: 128000-1181, 128000-1180  
 Servicing: Rover  
 B+ M8, Total length 234.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 39.80 mm


**111021** Starter 12 V, 1.4 kW

Replacing: 228000-7671, 228000-3660, 228000-1531, 228000-1530, 228000-0991, 228000-0990, 128000-9051

Servicing: Kubota

 B+ M8, Total length 209.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 65.95 B: 18.00 mm

**111022#** Starter 12 V, 1.4 kW

Replacing: 128000-6980, 128000-6962, 128000-6961, 128000-6960, 028000-6980, 028000-6970, 028000-6962

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 199.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 77.00 B: 11.75 mm

**111028#** Starter 12 V, 2.0 kW

Replacing: 128000-1041, 128000-1040

Servicing: Caterpillar

 B+ M10, Total length 239.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 74.00 B: 10.40 mm

**111030** Starter 12 V, 1.4 kW

Replacing: 128000-8660, 128000-2660, 128000-1360

Servicing: Ford

 B+ M8, 15a M6, Total length 246.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 A: 76.20 B: 14.00 mm

**111053** Starter 12 V, 0.8 kW

Replacing: 128000-4891, 128000-4890, 128000-4540, 028000-7121, 028000-7120, 028000-7112, 028000-7111

Servicing: Ford

 B+ M8, 15a M5, Total length 217.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 76.00 B: 13.00 mm

**111087** Starter 12 V, 1.0 kW

Replacing: 128000-1152, 128000-1151, 128000-1150

Servicing: John Deere, Yanmar

 B+ M8, Total length 199.45,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.90 B: 21.00 mm

**111088** Starter 12 V, 0.8 kW

Replacing: 228000-6430, 128000-3662, 128000-3621, 028000-9470

Servicing: Daihatsu, Piaggio

 B+ M8, Total length 209.80,  
 Gear type DD, Mounting holes 2 (0)  
 A: 64.60 B: 30.00 mm

**111131** Starter 12 V, 0.8 kW

Replacing: 228000-1540, 128000-8990, 128000-8690, 128000-8650, 128000-4230, 128000-3741, 128000-3740

Servicing: Austin, Ford, Mazda, Rover

 B+ M8, Total length 208.75,  
 Gear type DD, Mounting holes 3 (3)  
 A: 76.15 B: 13.45 mm

**111182** Starter 12 V, 0.8 kW

Replacing: 128000-5980, 128000-4880, 128000-4450, 128000-4430, 128000-0690

Servicing: Subaru

 B+ M8, Total length 213.75,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.40 B: 39.80 mm

**111189** Starter 12 V, 0.8 kW

Replacing: 128000-8130

Servicing: Komatsu, Toyota

 B+ M8, Total length 231.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 73.90 B: 20.00 mm

**111197** Starter 12 V, 2.0 kW

Replacing: 228000-4750, 228000-4593, 228000-4592, 228000-4591, 228000-4590, 228000-4572, 228000-4571

Servicing: Kubota

 B+ M8, Total length 232.40,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.55 B: 26.00 mm


**111224** Starter 12 V, 4.0 kW

Replacing: 128000-9680, 128000-5913, 128000-5912, 128000-5911, 128000-5910, 128000-0772, 128000-0771

Servicing: John Deere

 B+ M10, Total length 402.50,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed

Replacing: 37MT.

A: 88.90 B: 47.60 mm


**111262#** Starter 12 V, 2.5 kW

Replacing: 028000-5561, 028000-5560, 028000-5500

Servicing: Daihatsu, Toyota

 B+ M10, Total length 288.00,  
 Gear type GR, Mounting holes 2 (0)

A: 82.20 B: 26.45 mm


**111299** Starter 12 V, 1.4 kW

Replacing: 228000-0664, 228000-0663, 228000-0662, 228000-0661, 228000-0660

Servicing: Carrier Transicold

 B+ M8, Total length 187.50,  
 Gear type DD, Mounting holes 2 (0)

A: 82.40 B: 24.40 mm


**111310** Starter 12 V, 0.8 kW

Replacing: 428000-1570, 228000-7161, 228000-7160, 228000-5481, 228000-5480, 228000-4641, 228000-4640

Servicing: Chevrolet, GEO, Pontiac, Subaru, Suzuki

 B+ M8, Total length 190.50,  
 Gear type GR, Mounting holes 2 (2)

A: 75.00 B: 7.80 mm


**111385** Starter 12 V, 0.6 kW

Replacing: 128000-4032, 128000-4031, 128000-4030, 128000-1541, 128000-1540, 028000-9221, 028000-9220

Servicing: Bedford, Suzuki

 B+ M8, 15a 6.30, Gear type DD,  
 Mounting holes 2 (0)

A: 64.85 B: 27.00 mm


**111386** Starter 12 V, 2.0 kW

Replacing: 228000-2980, 228000-0450, 128000-0561, 128000-0560, 128000-0551, 128000-0550, 028000-9670

Servicing: Toyota

 B+ M8, Total length 230.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)

A: 74.00 B: 3.50 mm


**111387** Starter 12 V, 2.0 kW

Replacing: 228000-0400, 128000-9592, 128000-9591, 128000-9590, 128000-8142, 128000-8141, 128000-8140

Servicing: Toyota, VW

 B+ M8, Total length 232.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)

A: 82.50 B: 15.00 mm


**111401#** Starter 24 V, 4.5 kW

Replacing: 228000-3080, 228000-0270, 128000-7283, 128000-7282, 128000-7281, 128000-7280, 128000-6170

Servicing: Toyota

 B+ M10, Total length 298.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)

A: 105.00 B: 14.25 mm


**111425** Starter 12 V, 1.4 kW

Replacing: 128000-2581, 128000-2580

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 3 (2)

A: 81.90 B: 8.50 mm




**111442** Starter 12 V, 1.4 kW

Replacing: 128000-7714, 128000-7713, 128000-7712, 128000-7711, 128000-7710, 128000-5110, 128000-3190

Servicing: Acura, Honda, Rover

B+ M8, Total length 211.50, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 33.50 mm


**111451** Starter 12 V, 1.4 kW

Replacing: 128000-7201, 128000-7200, 128000-1230, 028000-9800, 028000-8570, 028000-6550, 028000-6540

Servicing: Subaru

B+ M8, Total length 210.50, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 33.50 mm

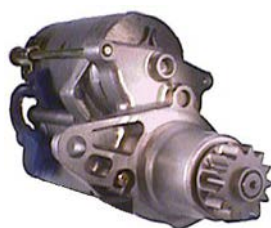

**111456** Starter 12 V, 1.4 kW

Replacing: 128000-8030, 128000-7500, 128000-3500

Servicing: Chrysler, Dodge, Plymouth

B+ M8, Total length 258.00, Gear type GR, Mounting holes 3 (3)

A: 80.00 B: 7.00 mm


**111446** Starter 12 V, 1.0 kW

Replacing: 228000-0420, 128000-8270, 128000-5942, 128000-5941, 128000-5940, 128000-3472, 128000-3471

Servicing: Lexus, Toyota

B+ M8, Total length 226.00, Gear type GR, Mounting holes 2 (0)

A: 55.00 B: 66.00 mm


**111454** Starter 12 V, 1.4 kW

Replacing: 228000-7141, 228000-7140, 128000-8323, 128000-8322, 128000-8321, 128000-8320

Servicing: Subaru

B+ M8, Total length 188.00, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 33.00 mm


**111458#** Starter 12 V, 1.4 kW

Replacing: 128000-0130, 028000-9321, 028000-9320, 028000-8180, 028000-7700, 028000-6711, 028000-6710

Servicing: Chrysler, Honda

B+ M8, Total length 209.50, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 32.50 mm


**111447** Starter 12 V, 0.8 kW

Replacing: 028000-9501, 028000-9500

Servicing: Daihatsu

B+ M8, Total length 231.55, Clutch type Wet, Gear type DD, Mounting holes 2 (0)

A: 74.00 B: 31.00 mm


**111455** Starter 12 V, 0.8 kW

Replacing: 228000-2900, 228000-0941, 228000-0940, 128000-6422, 128000-6421, 128000-6420, 128000-5682

Servicing: Toyota

B+ M8, Total length 201.25, Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 8.50 mm

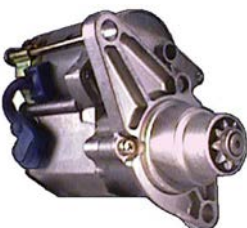

**111463** Starter 12 V, 1.0 kW

Replacing: 228000-5922, 228000-5920, 228000-3332, 228000-3331, 228000-3330

Servicing: Toyota

B+ M8, Total length 223.50, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 55.00 B: 65.00 mm


**111449#** Starter 12 V, 1.0 kW

Replacing: 128000-3381, 128000-3380

Servicing: Daihatsu

B+ M8, Total length 209.00, Gear type GR, Mounting holes 2 (0)

A: 60.00 B: 52.00 mm


**111464** Starter 12 V, 1.0 kW

Replacing: 128000-6780

Servicing: Daihatsu

B+ M8, Total length 194.50, Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 3.50 mm



9,10,11


**111492** Starter 12 V, 1.4 kW

Replacing: 228000-0473, 228000-0472, 228000-0471, 228000-0470, 128000-9380, 128000-7141, 128000-7140

Servicing: Chrysler, Dodge, Nissan, Plymouth

 B+ M8, Total length 226.50,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (2)

A: 82.00 B: 8.00 mm



9


**111525** Starter 12 V, 2.2 kW

Replacing: 128000-5760

Servicing: Daihatsu

 B+ M8, Total length 237.00,  
Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 22.00 mm



9


**111543** Starter 12 V, 1.4 kW

Replacing: 128000-2600

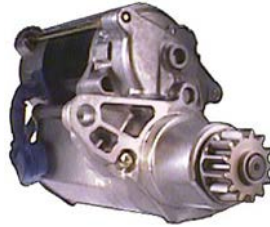
Servicing: Honda, Mazda

 B+ M8, Total length 199.25,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 75.00 B: 40.00 mm



13


**111544** Starter 12 V, 1.4 kW

Replacing: 228000-0530, 128000-9720, 128000-9710, 128000-8400, 128000-7991, 128000-7990, 128000-7913

Servicing: Lexus, Toyota

 B+ M8, Total length 236.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 55.00 B: 65.00 mm



9


**111546** Starter 12 V, 1.6 kW

Replacing: 128000-2830

Servicing: Acura, Honda, Rover, Sterling

 B+ M8, Total length 211.00,  
Gear type GR, Mounting holes 3 (0)

A: 75.00 B: 40.00 mm



9


**111548** Starter 12 V, 1.0 kW

Replacing: 228000-2221, 228000-2220, 128000-6300, 128000-6240, 128000-6230, 028000-6300

Servicing: Daihatsu

 B+ M8, Total length 203.00,  
Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 3.50 mm



13


**111550** Starter 12 V, 1.4 kW

Replacing: 228000-7250, 228000-2500, 228000-0832, 228000-0831, 228000-0830, 228000-0823, 228000-0822

Servicing: Toyota

 B+ M8, Total length 217.00,  
Gear type GR, Mounting holes 2 (0)

A: 55.00 B: 66.00 mm



9


**111551#** Starter 12 V, 1.4 kW

Replacing: 228000-1150, 128000-9790, 128000-5581, 128000-5580, 128000-5561, 128000-5560

Servicing: Toyota

 B+ M8, Total length 209.00,  
Gear type GR, Mounting holes 2 (1)

A: 55.00 B: 16.50 mm



8,9


**111552** Starter 12 V, 1.0 kW

Replacing: 228000-9270, 228000-7130, 128000-8312, 128000-8311, 128000-8310, 128000-7191, 128000-7190

Servicing: Subaru

 B+ M8, Total length 204.25,  
Gear type GR, Mounting holes 2 (0)

A: 65.00 B: 50.00 mm



10


**111554** Starter 12 V, 1.4 kW

Replacing: 128000-9880, 128000-9860

Servicing: Toyota

 B+ M8, Total length 211.00,  
Gear type GR, Mounting holes 2 (2)

A: 73.90 B: 3.00 mm


**111556<sup>#</sup>** Starter 12 V, 1.6 kW

Replacing: 228000-2853, 228000-2851, 228000-2850, 228000-2841, 228000-2840, 128000-8200

Servicing: Toyota

B+ M8, Total length 188.00, Gear type GR, Mounting holes 3 (2)

A: 74.00 B: 20.00 mm


**111560<sup>#</sup>** Starter 12 V, 0.8 kW

Replacing: 128000-2800, 128000-2551, 128000-2550, 128000-1890, 128000-0351, 128000-0350

Servicing: Subaru

B+ M8, Total length 232.50, Gear type DD, Mounting holes 2 (0)

A: 82.45 B: 39.15 mm


**111561** Starter 12 V, 0.6 kW

Replacing: 128000-4061, 128000-4060, 128000-1950, 128000-1930, 028000-9940

Servicing: Suzuki

B+ M8, 15a 4.70, Total length 231.00, Gear type DD, Mounting holes 2 (0)

A: 82.40 B: 34.00 mm


**111564** Starter 12 V, 2.2 kW

Replacing: 228000-3000, 228000-0880, 228000-0460, 228000-0200, 128000-5350

Servicing: Toyota

B+ M8, Total length 234.50, Clutch type Wet, Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 3.50 mm


**111622** Starter 12 V, 1.2 kW

Replacing: 228000-0951, 228000-0950

Servicing: Kubota

B+ M8, Total length 177.50, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 66.30 B: 16.00 mm


**111679** Starter 24 V, 4.5 kW

Replacing: 228000-1601, 228000-1600, 128000-8621, 128000-8620

Servicing: Toyota

B+ M10, Total length 292.00, Gear type GR, Mounting holes 2 (0)

A: 91.00 B: 17.00 mm


**111681<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: 228000-0340, 128000-9520, 128000-9300, 128000-5850

Servicing: Lexus, Toyota

B+ M8, Total length 211.90, Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 20.40 mm


**111682** Starter 12 V, 1.4 kW

Replacing: 128000-9191, 128000-9190, 128000-8210

Servicing: Toyota

B+ M8, Total length 189.00, Gear type GR, Mounting holes 3 (2)

A: 73.90 B: 20.00 mm


**111683** Starter 12 V, 2.0 kW

Replacing: 228000-5382, 228000-4293, 228000-4292, 228000-4291, 228000-4290, 228000-3852, 228000-3851

Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, Total length 232.50, Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 19.50 mm


**111764** Starter 12 V, 1.4 kW

Replacing: 128000-7810, 128000-5280, 128000-5270, 128000-4960

Servicing: Dodge

B+ M8, Total length 240.50, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 71.00 B: 23.50 mm




**111765** Starter 12 V, 0.9 kW

 Replacing: 128000-4864, 128000-4863,  
128000-4862, 128000-4861, 128000-4860

Servicing: Sea Doo

 B+ M6, Total length 205.00,  
Gear type DD, Mounting holes 2 (0)  
*High torque.*

A: 61.00 B: 25.00 mm


**111783** Starter 12 V, 1.4 kW

Replacing: 228000-2740

Servicing: Toyota

 B+ M8, Total length 211.00,  
Gear type GR, Mounting holes 2 (1)

A: 55.00 B: 17.50 mm


**111784** Starter 12 V, 1.4 kW

 Replacing: 228000-3740, 228000-3283,  
228000-3282, 228000-3280, 228000-2573,  
228000-2572, 228000-2571

Servicing: Toyota

 B+ M8, Total length 186.30,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (2)

A: 72.00 B: 20.00 mm


**111785** Starter 12 V, 1.0 kW

Replacing: 128000-7680, 128000-5840

Servicing: Toyota

 B+ M8, Total length 200.00,  
Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 20.00 mm


**111837** Starter 12 V, 1.0 kW

Replacing: 128000-5750

Servicing: Harley Davidson

 B+ M8, Total length 188.50,  
Gear type GR, Mounting holes 3 (0)

A: 55.00 mm


**111839** Starter 12 V, 1.2 kW

Replacing: 228000-2552, 228000-2550

Servicing: Harley Davidson

 B+ M8, Total length 227.00,  
Gear type GR, Mounting holes 3 (0)  
*Small hole output shaft.*

A: 54.00 mm


**111845** Starter 12 V, 1.2 kW

Replacing: 128000-8221, 128000-8220

Servicing: Harley Davidson

 B+ M8, Total length 188.00,  
Clutch type Wet, Gear type DD,  
Mounting holes 3 (0)

*1/4x 20« big hole output shaft.*

A: 55.00 mm


**111865** Starter 12 V, 1.7 kW

Replacing: 0726801000

Servicing: Land Rover

 B+ M8, Total length 268.00,  
Gear type GR, Mounting holes 2 (0)

A: 73.00 B: 39.00 mm


**111874** Starter 12 V, 2.2 kW

 Replacing: 228000-9221, 228000-9220,  
228000-3642, 228000-3641, 228000-3640

Servicing: Toyota

 B+ M8, Total length 234.00,  
Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 3.50 mm


**111911** Starter 12 V, 1.4 kW

Replacing: 428000-0670

Servicing: Bertolini, BMW, Ford

 B+ M8, 30h M5, Total length 231.50,  
Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 20.50 mm


**111915** Starter 12 V, 0.6 kW

Replacing: 228000-4550

Servicing: Bombardier, Sea Doo

 B+ M6, Total length 205.50,  
Gear type DD, Mounting holes 3 (1)

A: 61.00 B: 21.50 mm


**111918** Starter 12 V, 0.6 kW

Replacing: 228000-4560

Servicing: Challenger, Sea Doo

 B+ M6, Total length 205.00,  
Gear type DD, Mounting holes 2 (2)

A: 61.00 B: 22.50 mm



**111920** Starter 12 V  
 Replacing: 128000-1491, 128000-1490  
 Servicing: Honda  
 B+ M6, Total length 181.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 30.00 mm



**111928** Starter 12 V  
 Replacing: 128000-4852, 128000-4851,  
 128000-4850, 128000-1990  
 Servicing: Yamaha  
 B+ Plug, Total length 134.50,  
 Gear type DD, Mounting holes 2 (2)  
 A: 30.00 mm



**111969** Starter 12 V, 2.2 kW  
 Replacing: 228000-4982, 228000-4981,  
 228000-4980  
 Servicing: Toyota  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 74.00 B: 3.50 mm



**111984** Starter 12 V, 1.1 kW  
 Replacing: 228000-2960, 228000-2940,  
 228000-0902, 228000-0901, 228000-0900  
 Servicing: Toyota  
 B+ M8, Total length 211.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 74.00 B: 8.00 mm



**112006** Starter 12 V, 2.0 kW  
 Replacing: 428000-0720  
 Servicing: Toyota  
 B+ M8, Total length 250.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 74.00 B: 3.50 mm



**112033** Starter 12 V, 1.1 kW  
 Replacing: 228000-6840, 228000-1100  
 Servicing: Toyota  
 B+ M8, Total length 194.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 69.50 B: 4.50 mm



**112036** Starter 12 V, 2.5 kW  
 Replacing: 128000-0974, 128000-0973,  
 128000-0972, 128000-0971, 128000-0970  
 Servicing: Toyota  
 B+ M10, Total length 291.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 89.90 B: 16.00 mm



**112089** Starter 12 V  
 Replacing: 228000-1211, 228000-1210,  
 128000-1340  
 Servicing: Case, Caterpillar, Cummins, Ford,  
 Freightliner, International, Kenworth, Mack,  
 New Holland, Perkins, Volvo  
 B+ M12, B- M12, 15a M5,  
 Total length 500.00, Clutch type Wet,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**112213#** Starter 12 V, 1.4 kW  
 Replacing: 228000-6421, 228000-6420,  
 228000-2261, 228000-2260  
 Servicing: Acura, Honda  
 B+ M8, Total length 190.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.80 B: 40.00 mm



**112214** Starter 12 V, 1.6 kW  
 Replacing: 228000-6680, 128000-7460  
 Servicing: Honda, Rover  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 40.00 mm


**112246** Starter 12 V, 0.6 kW

Replacing: 128000-2950, 028000-8411, 028000-8410

Servicing: Honda, John Deere

 B+ M6, Total length 193.00,  
 Gear type DD, Mounting holes 2 (0)  
 Solenoid: Cargo 133711.

A: 62.45 B: 10.00 mm


**112258** Starter 12 V

Replacing: 101211-0543

Servicing: Chevrolet, Detroit, GMC

 B+ 1/2« UNC, Total length 519.00,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 47.50 mm


**112276** Starter 12 V, 2.5 kW

Replacing: 228000-8420

Servicing: Ford

 B+ M10, 15a M8, Total length 288.00,  
 Gear type GR, Mounting holes 3 (0)

A: 88.90 B: 34.00 mm


**112336** Starter 12 V, 2.0 kW

 Replacing: 228000-9030, 228000-8972,  
 228000-8971, 228000-8970, 228000-8150,  
 228000-6614, 228000-6612

Servicing: Toyota

 B+ M8, Total length 220.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)

A: 82.50 B: 15.50 mm


**112366<sup>#</sup>** Starter 24 V, 4.5 kW

Replacing: 228000-5981, 228000-5980

Servicing: Toyota

 B+ M10, Total length 289.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)

A: 92.00 B: 15.50 mm


**112367** Starter 12 V, 1.4 kW

 Replacing: 228000-7260, 228000-6283,  
 228000-6282, 228000-6281, 228000-6280,  
 228000-6273, 228000-6173

Servicing: Lexus, Toyota

 B+ M8, Total length 217.00,  
 Gear type GR, Mounting holes 2 (0)

A: 55.00 B: 66.20 mm


**112369** Starter 12 V, 0.8 kW

Replacing: 228000-6620

Servicing: Daihatsu

 B+ M8, Total length 201.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)

A: 74.00 B: 8.00 mm


**112489** Starter 12 V, 2.7 kW

Replacing: 228000-5811, 228000-5810

Servicing: Bobcat, Clark

 B+ M10, Total length 294.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed

A: 89.00 B: 48.00 mm


**112536** Starter 12 V, 0.85 kW

Replacing: 128000-8670, 128000-2640

Servicing: Ford

 B+ M8, Gear type DD,  
 Mounting holes 3 (0)

A: 89.00 B: 29.00 mm


**112544** Starter 24 V, 7.5 kW

 Replacing: 228000-7381, 228000-7380,  
 228000-5631, 228000-5630, 228000-5612,  
 228000-5611, 228000-5610

Servicing: Cummins

 B+ M12, Total length 314.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed

A: 92.00 B: 47.00 mm




**112545** Starter 12 V, 1.4 kW

Replacing: 228000-1881, 228000-1880, 128000-8101

Servicing: Lister

 B+ M8, Total length 187.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (2)

A: 89.00 B: 27.00 mm


**112546** Starter 12 V, 0.6 kW

Replacing: 228000-2640, 128000-7480

Servicing: Cub Cadet, John Deere, Kohler

 B+ M8, Total length 205.60,  
Clutch type Wet, Gear type DD,  
Mounting holes 2 (0)

A: 63.00 B: 8.00 mm


**112547** Starter 12 V, 1.4 kW

Replacing: 228000-6321, 228000-6320

Servicing: Kubota

 B+ M8, Total length 194.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 66.00 B: 17.00 mm


**112582<sup>#</sup>** Starter 12 V, 1.5 kW

Replacing: 128000-8111, 128000-8110

Servicing: Chevrolet

 B+ M8, Total length 205.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 27.00 B: 7.50 mm


**112822** Starter 24 V, 4.5 kW

Replacing: 228000-5641, 228000-5640

Servicing: Iveco

 B+ M10, Total length 293.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (0)

A: 89.00 B: 49.00 mm


**112823** Starter 24 V, 5.5 kW

Replacing: 228000-7550

Servicing: Iveco

 B+ M10, Total length 315.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (0)

A: 92.00 B: 49.00 mm


**113023<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: 128000-9752, 128000-9751, 128000-9750

Servicing: Honda

 B+ M8, Total length 189.00,  
Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 33.00 mm


**113024** Starter 12 V, 1.6 kW

Replacing: 128000-7471, 128000-7470

Servicing: Honda

 B+ M8, Total length 211.00,  
Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 33.00 mm


**113095<sup>#</sup>** Starter 12 V, 0.9 kW

Replacing: 128000-2570, 128000-2380, 028000-7172, 028000-7171, 028000-7170

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 272.00,  
Gear type DD, Mounting holes 3 (0)

A: 79.00 B: 5.00 mm


**113096<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: 128000-7080

Servicing: Acura

 B+ M8, Total length 212.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 75.00 B: 40.00 mm


**113097** Starter 12 V, 1.0 kW

Replacing: 028000-8221, 028000-8220

Servicing: Toyota

 B+ M8, Total length 200.00,  
Gear type GR, Mounting holes 2 (0)

A: 82.00 B: 20.00 mm


**113099<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: 028000-9730

Servicing: Chevrolet, Toyota

 B+ M8, Total length 210.00,  
Gear type GR, Mounting holes 2 (2)

A: 74.00 B: 9.00 mm


**113102#** Starter 12 V, 1.4 kW

Replacing: 128000-3182, 128000-3181, 128000-3180

Servicing: Cadillac

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 38.00 B: 11.00 mm

**113103** Starter 12 V, 1.4 kW

Replacing: 128000-4951, 128000-4950

Servicing: Chevrolet

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 38.00 B: 7.00 mm

**113104#** Starter 12 V, 1.4 kW

Replacing: 228000-0220

Servicing: Acura

 B+ M8, Total length 217.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 40.00 mm

**113105#** Starter 12 V, 1.2 kW

Replacing: 228000-0361, 228000-0360

Servicing: Chrysler, Dodge, Eagle

 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 81.70 B: 8.00 mm

**113106#** Starter 12 V, 1.4 kW

Replacing: 228000-1700, 228000-0890

Servicing: GEO, Toyota

 B+ M8, Total length 186.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 74.00 B: 8.00 mm

**113108** Starter 12 V, 1.4 kW

Replacing: 228000-3060, 228000-2890

Servicing: Toyota, VW

 B+ M8, Total length 190.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 73.90 B: 21.25 mm

**113109** Starter 12 V, 1.0 kW

Replacing: 228000-2310

Servicing: Toyota

 B+ M8, Total length 200.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 73.90 B: 20.00 mm

**113110#** Starter 12 V, 1.0 kW

Replacing: 228000-2730

Servicing: Toyota

 B+ M8, Total length 200.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 54.90 B: 17.00 mm

**113111#** Starter 12 V, 1.4 kW

Replacing: 228000-2051, 228000-2050

Servicing: Acura

 B+ M8, Total length 187.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 41.00 mm

**113112#** Starter 12 V, 1.6 kW

Replacing: 228000-2750

Servicing: Toyota

 B+ M8, Total length 187.60,  
 Gear type GR, Mounting holes 2 (1)  
 A: 55.00 B: 16.60 mm

**113113#** Starter 12 V, 1.4 kW

Replacing: 228000-2062, 228000-2061, 228000-2060

Servicing: Acura

 B+ M8, Total length 188.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 33.00 mm

**113114** Starter 12 V, 2.7 kW

Replacing: 228000-2292, 228000-2291, 228000-2290

Servicing: Cummins, Dodge

 B+ M10, Total length 301.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm


**113115<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: 228000-3021, 228000-3020  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 192.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.95 B: 10.50 mm


**113116** Starter 12 V, 1.4 kW

Replacing: 228000-3393, 228000-3392,  
 228000-3391, 228000-3390  
 Servicing: Dodge  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 72.40 B: 23.00 mm


**113117<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: 228000-3032, 228000-3030  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.70 B: 8.00 mm


**113118<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: 228000-7200, 228000-3992,  
 228000-3991, 228000-3990  
 Servicing: Acura, Honda  
 B+ M8, Total length 188.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 40.00 mm


**113119** Starter 12 V, 1.4 kW

Replacing: 228000-5303, 228000-5301,  
 228000-5300, 228000-3750  
 Servicing: Toyota  
 B+ M8, Total length 188.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 54.90 B: 17.00 mm


**113120** Starter 12 V, 1.4 kW

Replacing: 228000-7421, 228000-7420  
 Servicing: Dodge  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 72.50 B: 23.00 mm


**113121<sup>#</sup>** Starter 12 V, 0.8 kW

Replacing: 128000-8891, 128000-8890  
 Servicing: Toyota  
 B+ M8, 15a 4.70, Total length 211.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 73.90 B: 5.50 mm


**113130** Starter 24 V, 4.5 kW

Replacing: 028000-9760  
 Servicing: Hino  
 B+ M10, Total length 296.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 105.00 B: 32.00 mm


**113131** Starter 12 V, 3.0 kW

Replacing: 128000-0494, 128000-0492,  
 128000-0491, 128000-0490  
 Servicing: Isuzu  
 B+ M10, Total length 319.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 105.00 B: 40.50 mm


**113132** Starter 12 V, 2.2 kW

Replacing: 228000-8041, 228000-8040,  
 228000-1893, 228000-1892, 228000-1891,  
 228000-1890, 128000-0833  
 Servicing: Hyster, Isuzu  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.90 B: 10.00 mm


**113136** Starter 12 V, 2.0 kW

Replacing: 23300-7B010  
 Servicing: Mercury, Nissan  
 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 61.00 B: 56.00 mm


**113168** Starter 12 V, 2.0 kW

Replacing: 128000-7383, 128000-7382,  
 128000-7381, 128000-7380  
 Servicing: Lexus  
 B+ M8, Total length 232.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 54.90 B: 34.00 mm




**113169** Starter 12 V, 2.2 kW

Replacing: 228000-3260, 228000-1690, 228000-1560

Servicing: Lexus, Toyota

 B+ M8, Total length 218.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 54.85 B: 33.00 mm

**113170#** Starter 12 V, 2.0 kW

Replacing: 228000-4093, 228000-4092, 228000-4090, 228000-2990

Servicing: Toyota

 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 73.90 B: 20.00 mm

**113171** Starter 12 V, 2.0 kW

Replacing: 228000-7392, 228000-7391, 228000-7390, 228000-4304, 228000-4302, 228000-4300

Servicing: Jaguar, Lexus

 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 54.90 B: 33.50 mm

**113172** Starter 12 V, 2.0 kW

Replacing: 228000-5862, 228000-5861, 228000-5860, 128000-6870

Servicing: Caterpillar, Hyster, Yale

 B+ M8, Total length 249.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0), Oil sealed  
 Replacing: 10MT.

A: 88.70 B: 46.00 mm


**113173** Starter 12 V, 1.8 kW

Replacing: 228000-4083, 228000-4082, 228000-4080

Servicing: Toyota

 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 54.90 B: 17.00 mm

**113174#** Starter 12 V, 1.8 kW

Replacing: 228000-3040

Servicing: Toyota

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 73.90 B: 20.50 mm

**113175#** Starter 12 V, 1.6 kW

Replacing: 228000-5040

Servicing: Acura

 B+ M8, Total length 238.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 69.80 B: 50.00 mm

**113199** Starter 12 V, 0.8 kW

Replacing: 028000-7133, 028000-7132, 028000-7131

Servicing: Kubota

 B+ M8, Total length 231.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 73.90 B: 30.50 mm

**113203** Starter 24 V, 4.5 kW

Replacing: 228000-1431, 228000-1430, 128000-1004, 128000-1003, 128000-1002, 128000-1001, 128000-1000

Servicing: Komatsu

 B+ M10, Total length 298.00,  
 Gear type GR, Mounting holes 2 (0),  
 Oil sealed  
 A: 104.90 B: 14.00 mm

**113204** Starter 24 V, 1.4 kW

Replacing: 228000-4780, 128000-5411, 128000-5410

Servicing: Kubota

 B+ M8, Total length 200.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 65.90 B: 18.00 mm

**113205** Starter 12 V, 0.7 kW

Replacing: 128000-7110

Servicing: Kubota

 B+ M8, Total length 205.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 74.90 B: 34.00 mm


**113206** Starter 12 V, 2.5 kW

Replacing: 128000-9972, 128000-9971, 128000-9970

Servicing: Komatsu

 B+ M10, Total length 292.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.90 B: 21.00 mm

**113207** Starter 12 V, 2.8 kW

Replacing: 228000-6291, 228000-6290, 228000-2032, 228000-2031, 228000-2030

Servicing: Volvo Penta, Yanmar

 B+ M10, Total length 293.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 90.70 B: 15.50 mm

**113208** Starter 12 V, 0.8 kW

Replacing: 228000-4620

 B+ M8, Total length 180.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 73.90 B: 20.00 mm

**113209** Starter 12 V, 2.0 kW

Replacing: 228000-5142, 228000-5140

Servicing: Isuzu

 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.90 B: 10.00 mm

**113211** Starter 12 V, 1.0 kW

Replacing: 228000-7480, 228000-5911, 228000-5910

Servicing: Kubota

 B+ M8, Total length 201.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 66.00 B: 19.00 mm

**113214** Starter 12 V, 2.5 kW

Replacing: 128000-5301, 128000-5300, 128000-5091, 128000-5090, 028000-9770, 028000-9160

Servicing: Hino

 B+ M10, Total length 296.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 105.00 B: 31.00 mm

**113230** Starter 12 V, 0.7 kW

Replacing: 128000-4520

Servicing: Massey Ferguson

 B+ M8, Total length 204.30,  
 Gear type GR, Mounting holes 0 (0)  
 A: 63.40 B: 43.40 mm

**113231** Starter 12 V, 0.5 kW

Replacing: 128000-2750

Servicing: Honda

 B+ 1/4« UNC, Total length 204.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 65.00 B: 9.00 mm

**113237** Starter 12 V, 3.0 kW

Replacing: 228000-5731, 228000-5730, 128000-5723, 128000-5722, 128000-5721, 128000-5720

Servicing: Caterpillar

 B+ M12, B- M12, Total length 315.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.70 B: 47.00 mm

**113238** Starter 12 V, 2.7 kW

Replacing: 228000-3710

Servicing: Toyota

 B+ M10, Total length 293.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 89.90 B: 11.00 mm

**113239** Starter 12 V, 2.5 kW

Replacing: 428000-0520, 228000-5992, 228000-5990, 228000-1611, 228000-1610, 128000-8641, 128000-8640

Servicing: Toyota

 B+ M10, Total length 299.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 91.00 B: 15.50 mm

**113240<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: 228000-3403, 228000-3402, 228000-3401, 228000-3400

Servicing: Dodge

 B+ M8, Total length 217.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 88.70 B: 47.50 mm


**113241#** Starter 12 V, 1.2 kW

Replacing: 228000-3013, 228000-3012, 228000-3011, 228000-3010

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 182.00,  
 Gear type GR, Mounting holes 2 (1)

A: 73.90 B: 9.50 mm


**113242** Starter 12 V, 1.4 kW

Replacing: 228000-6113, 228000-6112, 228000-6110

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 237.50,  
 Gear type GR, Mounting holes 2 (2)

A: 81.60 B: 8.00 mm


**113243#** Starter 12 V, 1.4 kW

Replacing: 228000-6663, 228000-6662, 228000-6660

Servicing: Chevrolet

 B+ M8, Total length 190.00,  
 Gear type GR, Mounting holes 2 (0)

A: 73.90 B: 15.50 mm


**113244** Starter 12 V, 1.4 kW

Replacing: 228000-9600, 228000-6272, 228000-6271, 228000-6270, 228000-5680, 228000-5490

Servicing: Lexus, Toyota

 B+ M8, Total length 217.00,  
 Gear type GR, Mounting holes 2 (0)

A: 54.90 B: 65.50 mm


**113254** Starter 12 V, 1.1 kW

Replacing: 428000-1640

Servicing: Citroen, Fiat, Peugeot, Toyota

 B+ M8, Total length 206.00,  
 Gear type GR, Mounting holes 4 (2)

A: 62.00 B: 14.00 mm


**113271** Starter 12 V, 1.1 kW

Replacing: 228000-7591

Servicing: Toyota

 B+ M8, Total length 204.00,  
 Gear type GR, Mounting holes 2 (1)

A: 73.90 B: 15.00 mm


**113312** Starter 12 V, 1.4 kW

Replacing: 228000-5302, 228000-5293, 228000-5292, 228000-5291, 228000-5290

Servicing: Toyota

 B+ M8, Total length 188.00,  
 Gear type GR, Mounting holes 2 (2)

A: 54.90 B: 17.00 mm


**113313** Starter 12 V, 0.7 kW

Replacing: 228000-9530, 228000-8350

Servicing: Toyota

 B+ M8, Total length 187.00,  
 Gear type DD, Mounting holes 2 (1)

A: 73.90 B: 11.50 mm


**113314** Starter 12 V, 1.0 kW

Replacing: 428000-9370, 228000-8550, 228000-8542, 228000-8541, 228000-8540

Servicing: Toyota

 B+ M8, Total length 204.00,  
 Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 13.75 mm


**113339#** Starter 12 V, 0.8 kW

Replacing: 228000-7581

Servicing: Toyota

 B+ M8, Total length 201.50,  
 Gear type GR, Mounting holes 2 (1)

A: 73.90 B: 15.00 mm


**113361** Starter 12 V, 1.7 kW

Replacing: 228000-4961, 228000-4960

Servicing: Honda, MG, Rover

 B+ M8, Total length 210.50,  
 Gear type GR, Mounting holes 2 (1)

A: 75.00 B: 39.00 mm


**113402** Starter 12 V, 1.4 kW

Replacing: 228000-0811, 228000-0810, 128000-9702, 128000-9701, 128000-9700

Servicing: Honda, Isuzu, Opel

 B+ M8, Total length 188.50,  
 Gear type GR, Mounting holes 2 (0)

B: 15.50 mm




**113428** Starter 12 V, 2.5 kW

Replacing: 128000-7753, 128000-7752, 128000-7751, 128000-7750, 028000-6561, 028000-6560, 028000-5490

Servicing: Isuzu

B+ M10, Total length 297.00,  
Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 41.00 mm


**113429** Starter 12 V, 4.2 kW

Replacing: 228000-6391, 228000-5621, 228000-5620, 128000-9801, 128000-9800, 128000-6391, 128000-5621

Servicing: Case, Cummins

B+ M10, Total length 326.00,  
Gear type GR, Mounting holes 3 (0)

A: 91.90 B: 47.50 mm


**113434**<sup>#</sup> Starter 12 V, 0.8 kW

Replacing: 228000-6760, 228000-6740, 228000-4030

Servicing: Toyota

B+ M8, Total length 206.00,  
Gear type GR, Mounting holes 2 (1)

A: 73.90 B: 4.25 mm


**113459** Starter 12 V, 2.0 kW

Replacing: 228000-5791, 228000-5790, 128000-8171, 128000-8170

Servicing: Lister

B+ M8, Total length 220.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (2)

A: 88.80 B: 27.00 mm


**113475**<sup>#</sup> Starter 12 V, 0.6 kW

Replacing: 128000-4461

Servicing: Yanmar

B+ M6, Total length 196.00,  
Gear type DD, Mounting holes 2 (2)

A: 61.90 B: 21.50 mm


**113490**<sup>#</sup> Starter 12 V

Replacing: 028000-2871, 028000-2870

Servicing: John Deere

B+ M8, Total length 219.00,  
Gear type DD, Mounting holes 2 (0)

A: 62.00 B: 25.50 mm


**113491**<sup>#</sup> Starter 12 V

Replacing: 028000-3441, 028000-3440

B+ M8, Total length 228.50,  
Gear type DD, Mounting holes 2 (0)

A: 62.00 B: 24.00 mm


**113492**<sup>#</sup> Starter 12 V, 6.0 kW

Replacing: 228000-6300

B+ M8, Total length 204.50,  
Gear type DD, Mounting holes 2 (2)

A: 75.00 B: 26.00 mm


**113513** Starter 12 V, 1.1 kW

Replacing: 428000-1650

Servicing: Mercedes-Benz

B+ M8, Total length 199.00,  
Gear type GR, Mounting holes 2 (2)

A: 69.80 B: 27.00 mm


**113545** Starter 12 V, 0.4 kW

Replacing: 228000-9310, 128000-4994, 128000-4993, 128000-4992, 128000-4991, 128000-4990, 128000-4242

Servicing: Yamaha

B+ M6, Total length 156.00,  
Gear type DD, Mounting holes 2 (0)

A: 35.75 B: 37.60 mm


**113550** Starter 12 V

Replacing: 428000-1221, 428000-1220, 428000-1211, 428000-1210

Servicing: Mack

B+ M12, Total length 402.80,  
Gear type GR, Mounting holes 3 (0),  
Insulated return

Replacing: 39MT.

A: 92.00 B: 46.00 mm


**113596** Starter 12 V, 0.6 kW

Replacing: 128000-4020

 Servicing: John Deere, Kawasaki, Kubota  
 B+ M8, Total length 180.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 70.00 B: 19.00 mm

**113597** Starter 12 V, 0.6 kW

Replacing: 128000-9360

 Servicing: John Deere, Kawasaki  
 B+ M8, Total length 181.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 65.90 B: 17.00 mm

**113601** Starter 12 V, 1.2 kW

 Replacing: 228000-6122, 228000-6121,  
 228000-6120

 Servicing: Land Rover  
 B+ M8, Total length 227.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.80 B: 39.00 mm

**113619#** Starter 12 V, 1.4 kW

Replacing: 228000-7432, 228000-7430

 Servicing: Dodge  
 B+ M8, Total length 217.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 88.70 B: 48.00 mm

**113620** Starter 12 V, 1.2 kW

Replacing: 228000-7740, 228000-6310

 Servicing: Toyota  
 B+ M8, Total length 180.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 15.00 mm

**113629** Starter 12 V, 1.2 kW

Replacing: 228000-6450

 Servicing: Honda  
 B+ M8, Total length 214.30,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 75.00 B: 39.80 mm

**113630** Starter 12 V, 1.2 kW

Replacing: 228000-8330

 Servicing: Honda  
 B+ M8, Total length 214.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 66.00 B: 37.00 mm

**113635** Starter 12 V, 1.2 kW

Replacing: 128000-8480

 Servicing: Carrier Transcold, Kubota  
 B+ M8, Total length 176.25,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (2)  
 A: 75.00 B: 33.00 mm

**113649** Starter 12 V, 1.2 kW

Replacing: 228000-6750, 228000-4320

 Servicing: Toyota  
 B+ M8, Total length 206.30,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)  
 A: 74.00 B: 4.50 mm

**113654** Starter 12 V, 3.0 kW

Replacing: 428000-1380

 Servicing: JCB, Perkins  
 B+ M8, B- M8, Total length 292.00,  
 Gear type GR, Mounting holes 3 (0)  
*113654 is a Marelli/Denso version, and  
 cannot replace the Iskra version (Cargoref<sup>®</sup>  
 114387)*  
 A: 88.90 B: 30.50 mm

**113655** Starter 12 V, 3.0 kW

Replacing: 428000-1290

 Servicing: Hattat Tarim, JCB, Perkins  
 B+ M8, Total length 291.00,  
 Gear type GR, Mounting holes 3 (0)  
*113655 is a Marelli/Denso version, and  
 cannot replace the Iskra version (Cargoref<sup>®</sup>  
 114388)*  
 A: 89.00 B: 30.50 mm


**113662** Starter 12 V, 2.0 kW

Replacing: 228000-7220  
 Servicing: Land Rover, VW  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 65.90 B: 21.50 mm


**113663** Starter 12 V, 0.7 kW

Replacing: 228000-2211, 228000-2210  
 Servicing: John Deere, Kawasaki  
 B+ M8, Total length 183.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 65.80 B: 17.00 mm


**113665** Starter 12 V, 1.2 kW

Replacing: 228000-6730, 228000-4020  
 Servicing: Toyota  
 B+ M8, Total length 206.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (2)  
 A: 74.00 B: 4.70 mm


**113681** Starter 12 V, 0.6 kW

Replacing: 128000-1671, 128000-1670  
 Servicing: Bombardier  
 B+ M6, Total length 205.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 61.90 B: 14.00 mm


**113696** Starter 12 V, 2.0 kW

Replacing: 228000-5122, 228000-5121,  
 228000-5120, 228000-2970  
 Servicing: Ford, New Holland  
 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 20.00 mm


**113702** Starter 12 V, 2.2 kW

Replacing: 228000-6482, 228000-6481,  
 228000-4831, 228000-4830  
 Servicing: Ford, Mazda  
 B+ M8, 15a M8, Total length 234.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 82.00 B: 16.40 mm


**113704#** Starter 12 V, 0.8 kW

Replacing: 428000-0321, 428000-0320,  
 228000-9641  
 Servicing: Honda  
 B+ M8, Total length 206.30,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 33.00 mm


**113723** Starter 12 V, 0.4 kW

Replacing: 128000-9400  
 Servicing: Honda  
 B+ M6, Total length 196.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 47.00 B: 10.00 mm


**113725** Starter 12 V, 2.5 kW

Replacing: 428000-1860, 428000-1850,  
 228000-9100, 228000-6981, 228000-6980,  
 228000-4671, 228000-4670  
 Servicing: Case  
 B+ M10, Total length 300.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 88.60 B: 49.00 mm


**113732** Starter 12 V, 1.0 kW

Replacing: 228000-7851, 228000-7850  
 Servicing: Cub Cadet, Honda  
 B+ M8, Total length 206.00,  
 Gear type DD  
 A: 54.00 B: 1.50 mm


**113757** Starter 12 V, 2.2 kW

Replacing: 428000-0260, 228000-5023,  
 228000-5022, 228000-5021, 228000-5020,  
 228000-1780  
 Servicing: Toyota  
 B+ M8, Total length 136.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.50 B: 18.50 mm


**113892** Starter 12 V, 1.8 kW

Replacing: 228000-8432, 228000-8431,  
 228000-8430  
 Servicing: Ford  
 B+ M8, 15a M8, Total length 211.70,  
 Gear type DD, Mounting holes 2 (0)  
 A: 103.60 B: 14.45 mm




**113893** Starter 12 V, 1.2 kW

Replacing: 34070-16800, 34070-16083, 128000-8462, 128000-8461, 128000-8460

Servicing: Kubota

 B+ M8, Total length 178.50,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0), No./ teeth 9

A: 82.30 B: 24.80 mm



12

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113915** Starter 12 V

Replacing: 428000-5430

Servicing: Volvo

 B+ M12, B- M12, Total length 414.50,  
Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 48.30 mm



12

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113917** Starter 12 V

Replacing: 428000-4450

Servicing: Freightliner, Western Star

 B+ M12, B- M12, Total length 414.50,  
Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm



11,12


**113926** Starter 12 V, 1.9 kW

Replacing: 428000-1620

Servicing: Citroen, Fiat, Peugeot

Gear type GR, Mounting holes 3 (3)



11


**113928** Starter 12 V, 1.7 kW

Replacing: 228000-3981, 228000-3980, 228000-1180

Servicing: Honda, Land Rover, Rover

 B+ M8, Total length 220.00,  
Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 39.00 mm



11

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113936** Starter 12 V, 2.7 kW

Replacing: 228000-9050, 228000-1661, 228000-1590, 228000-0575, 228000-0574, 228000-0573, 228000-0572

Servicing: Toyota

 B+ M10, Total length 305.00,  
Gear type GR, Mounting holes 2 (1)

A: 82.50 B: 15.00 mm



11

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113938** Starter 12 V, 2.7 kW

Replacing: 428000-3110, 428000-0290, 228000-5342, 228000-5341, 228000-5340

Servicing: Toyota

 B+ M10, Total length 258.00,  
Gear type GR, Mounting holes 2 (1)

A: 82.50 B: 18.00 mm



9


**113965** Starter 12 V, 2.0 kW

Replacing: 228000-7801, 228000-7800

Servicing: Land Rover, MG, Rover

 B+ M8, Total length 221.00,  
Gear type GR, Mounting holes 2 (1)  
Ok w/ fixing hole 2(1) and 2(2).

A: 75.90 B: 21.20 mm



9


**113966** Starter 12 V, 1.4 kW

Replacing: 228000-1021, 228000-1020

Servicing: Kubota

 B+ M8, Total length 220.00,  
Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 25.50 mm



11


**113983** Starter 12 V, 3.0 kW

Replacing: 228000-6552, 228000-6551, 228000-6550

Servicing: John Deere

 B+ M12, Total length 315.00,  
Gear type GR, Mounting holes 3 (0)

A: 88.80 B: 47.60 mm



10


**113985** Starter 12 V, 2.7 kW

Replacing: 228000-7810

Servicing: Hyster, Yale

 B+ M10, Total length 297.00,  
Gear type GR, Mounting holes 2 (0)

A: 88.80 B: 48.00 mm



11


**114017** Starter 24 V, 5.5 kW

Replacing: 128000-4688, 128000-4687, 128000-4686, 128000-4685

Servicing: Hino

 B+ M10, Total length 326.00,  
Gear type GR, Mounting holes 3 (0)

A: 100.00 B: 25.00 mm


**114071** Starter 12 V, 2.0 kW

Replacing: 428000-2730, 428000-1280, 428000-0500

Servicing: Mini, Toyota

 B+ M8, Total length 222.00,  
 Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 14.00 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114072\*** Starter 12 V, 2.0 kW

Replacing: 428000-0660

Servicing: BMW

Gear type GR, Mounting holes 2 (2)


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114093** Starter 12 V, 1.7 kW

Replacing: 428000-4600

Servicing: Mercedes-Benz

 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 26.00 mm


**114135** Starter 12 V, 1.2 kW

Replacing: 228000-9680, 228000-7641, 228000-7640

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 230.00,  
 Gear type GR, Mounting holes 2 (0)  
*Only for US market.*

A: 81.60 B: 7.50 mm


**114168** Starter 12 V, 1.2 kW

Replacing: 228000-7520

Servicing: Caterpillar

 B+ M8, Total length 188.00,  
 Gear type GR, Mounting holes 2 (0)  
*Mounting holes are oval.*

A: 74.00 B: 20.00 mm


**114182** Starter 12 V, 0.7 kW

Replacing: 228000-7541, 228000-7540

Servicing: Suzuki

Total length 173.00, Mounting holes 2 (0)

A: 30.00 mm


**114194** Starter 12 V, 1.0 kW

Replacing: 228000-7091, 228000-7090

Servicing: Bobcat

 B+ M8x1.25, Total length 205.00,  
 Gear type GR, Mounting holes 2 (0)

A: 66.00 B: 18.00 mm


**114197** Starter 12 V, 1.1 kW

Replacing: 228000-7471, 228000-7470

Servicing: John Deere

 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 2 (0)

A: 89.00 B: 17.00 mm


**114216** Starter 12 V, 2.0 kW

Replacing: 428000-4920, 428000-3180

Servicing: Lexus, Toyota

 B+ M8, Total length 232.50,  
 Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 24.00 mm


**114224** Starter 12 V, 2.7 kW

Replacing: 428000-1691, 428000-1690

Servicing: New Holland

 B+ M10, Total length 298.00,  
 Gear type GR, Mounting holes 2 (0)

A: 88.88 B: 19.00 mm


**114226** Starter 12 V, 1.1 kW

Replacing: 228000-6460

Servicing: Honda

 B+ M8, Total length 228.00,  
 Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 40.00 mm


**114239** Starter 12 V, 1.6 kW

Replacing: 428000-0024, 428000-0023, 428000-0022, 428000-0020

Servicing: Scion, Toyota

 B+ M8, Total length 195.00,  
 Gear type GR, Mounting holes 2 (1)

A: 74.00 B: 15.50 mm



10

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114240\*** Starter 12 V, 1.4 kW

Replacing: 228000-3622, 228000-3621, 228000-3620

Servicing: Toyota

Gear type GR, Mounting holes 2 (2)



10


**114268** Starter 24 V, 4.5 kW

Replacing: 228000-1832, 228000-1831, 228000-1830

Servicing: Caterpillar

B+ M8, 15a M5, Total length 272.00, Gear type DD, Mounting holes 3 (0)

A: 82.50 B: 16.00 mm



9


**114297** Starter 12 V, 1.2 kW

Replacing: 428000-1750

Servicing: BMW

B+ M8, Total length 199.00, Gear type DD/GR, Mounting holes 2 (1)

A: 76.00 B: 25.00 mm



9


**114332** Starter 12 V, 2.2 kW

Replacing: 428000-2650

Servicing: Cummins

B+ M8, Total length 234.20

A: 95.00 B: 19.00 mm



9


**114333** Starter 12 V, 2.2 kW

Replacing: 428000-0931, 428000-0930

Servicing: Carrier Transicold

B+ M8, Total length 216,50

A: 82.00 B: 25.00 mm



11


**114336** Starter 24 V, 4.5 kW

Replacing: 028000-6460, 028000-5570

Servicing: Toyota

Total length 296.00, Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 29.00 mm



10


**114340** Starter 24 V, 4.5 kW

Replacing: 428000-1830, 228000-9330, 228000-6671, 228000-6670, 228000-6640, 228000-4992, 228000-1751

Servicing: Komatsu

B+ M10, Total length 289.20

A: 88.00 B: 62.00 mm



13


**114342** Starter 12 V, 1.2 kW

Replacing: 428000-1081, 428000-1080

Servicing: Lexus, Toyota

B+ M8, Total length 204.40

A: 55.00 B: 84.00 mm



11


**114346** Starter 24 V, 5.5 kW

Replacing: 128000-4251

Servicing: Isuzu, TCM

B+ M10, Total length 316,80

A: 105.00 B: 57.00 mm



10

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114375\*** Starter 12 V, 0.6 kW

Replacing: 228000-9480

Servicing: Honda

Gear type DD, Mounting holes 2 (2)



9

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114389\*** Starter 12 V, 1.0 kW

Replacing: 428000-5280, 428000-5001, 428000-5000, 428000-3410

Servicing: Honda

Total length 222.00, Mounting holes 2 (0)

A: 75.00 B: 38.00 mm



10

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**114399\*** Starter 12 V, 2.7 kW

Replacing: 428000-3140

Servicing: Case, New Holland

Mounting holes 2 (0)





**NEW PRODUCT**  
www.hc-cargo.com

**114400** Starter 12 V, 1.0 kW  
 Replacing: 228000-8090  
 Servicing: John Deere  
 B+ M8, Total length 164.00,  
 Gear type GR  
 A: 95.00 B: 20.00 mm



**114417** Starter 12 V, 2.5 kW  
 Replacing: 228000-5520  
 Servicing: Toyota  
 B+ M10, Total length 297.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 105.00 B: 14.30 mm



**114419** Starter 12 V, 1.2 kW  
 Replacing: 428000-0340  
 Servicing: Pontiac, Toyota  
 B+ M8, Total length 194.00,  
 Mounting holes 2 (0)  
 A: 74.00 B: 14.80 mm



**114420** Starter 24 V, 5.5 kW  
 Replacing: 128000-4250, 128000-2740  
 Servicing: Isuzu  
 B+ M10, Total length 315.60,  
 Mounting holes 2 (0)  
 A: 104.00 B: 73.00 mm



**114429** Starter 12 V, 2.0 kW  
 Replacing: 228000-8890  
 Servicing: Isuzu  
 B+ M8, Total length 218.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 10.00 mm



**114440** Starter 12 V, 1.4 kW  
 Replacing: 228000-8800  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 186.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 55.00 B: 74.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114449\*** Starter 12 V, 4.0 kW  
 Replacing: 228000-6872, 228000-6871,  
 228000-6870  
 Servicing: Case  
 Gear type GR, Mounting holes 3 (0)



**NEW PRODUCT**  
www.hc-cargo.com

**114459\*** Starter 12 V, 4.8 kW  
 Replacing: 228000-8471, 228000-8470  
 Servicing: John Deere  
 Mounting holes 3 (0)



**NEW PRODUCT**  
www.hc-cargo.com

**114485** Starter 12 V, 1.0 kW  
 Replacing: 228000-5400  
 Servicing: Kubota  
 B+ M8x1.25, Total length 205.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 66.00 B: 18.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114486\*** Starter 12 V  
 Replacing: 128000-2760  
 Servicing: John Deere, Kawasaki  
 Gear type DD, Mounting holes 2 (0)



**NEW PRODUCT**  
www.hc-cargo.com

**114504\*** Starter 12 V  
 Replacing: 428000-1560, 428000-0050


**110144** Starter 12 V, 1.0 kW

Replacing: 581017

Servicing: Nissan, TCM

B+ M8, Total length 187.00,

Gear type DD, Mounting holes 2 (0)

A: 82.25 B: 8.00 mm


**110365** Starter 12 V, 0.8 kW

Replacing: 532027, 532024

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Total length 236.50,

Gear type DD, Mounting holes 3 (3)

A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

 Replacing: 6231D, 6231C, 6231B, 6231A,  
6231, 6227, 6203, 6187, 6175, 6172, 6144,  
6128, 532017, 532010, 532002

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00,

Gear type DD, Mounting holes 3 (0)

A: 66.00 B: 10.50 mm


**110439** Starter 12 V, 2.0 kW

Replacing: 6232, 6127

 Servicing: Buhner, Compair, Eicher, Massey  
Ferguson

B+ M8, Total length 309.50,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 25.00 mm


**110459** Starter 12 V, 2.8 kW

Replacing: 538504

Servicing: Bedford

B+ M8, Total length 335.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.50 mm


**110462** Starter 12 V, 2.8 kW

Replacing: 538501

 Servicing: Buhner, Ford, Matbro, New  
Holland

B+ M8, Total length 319.45,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: 538505, 538502

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110584** Starter 12 V, 1.2 kW

 Replacing: 534055, 534054C, 534054B,  
534054A, 534054

Servicing: Citroen, Peugeot

B+ M8, Total length 210.00,

Gear type GR, Mounting holes 3 (1)

A: 66.00 B: -7.00 mm


**110585** Starter 12 V, 1.2 kW

 Replacing: 534057, 534043, 534042, 534031,  
534029, 453052

Servicing: Renault, Volvo

B+ M8, Total length 214.15,

Gear type DD, Mounting holes 4 (4)

A: 66.00 B: -2.00 mm


**110587** Starter 12 V, 1.2 kW

Replacing: 8294, 8293, 534039

Servicing: Citroen, Peugeot

B+ M8, Total length 208.20,

Gear type DD/GR, Mounting holes 3 (3)

A: 66.00 B: -4.00 mm


**110774#** Starter 12 V, 0.9 kW

Replacing: 6245, 6244, 534003

Servicing: Talbot

B+ M8, 15a 6.30, Total length 245.00,

Gear type DD, Mounting holes 3 (0)

A: 83.00 B: 11.50 mm


**110793** Starter 12 V, 0.9 kW

Replacing: 6212, 6190, 6189, 533002, 532005

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 221.00,

Gear type DD, Mounting holes 2 (2)

A: 66.00 B: 22.00 mm



**110856** Starter 12 V, 0.6 kW  
 Replacing: 6219, 6185, 6136, 532023, 532021  
 Servicing: Renault  
 B+ M8, Total length 208.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 66.00 B: 21.00 mm



**110860#** Starter 12 V, 0.9 kW  
 Replacing: 532004, 532003  
 Servicing: Citroen, Peugeot, Renault  
 B+ M8, Total length 253.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 80.00 B: -6.00 mm



**110866** Starter 12 V, 0.9 kW  
 Replacing: 534047, 534032  
 Servicing: Renault  
 B+ M8, Total length 197.65,  
 Gear type DD, Mounting holes 3 (2)  
 A: 66.00 B: 10.50 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: 534053  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 199.25,  
 Gear type DD, Mounting holes 3 (2)  
 A: 64.00 B: 11.00 mm



**111064** Starter 12 V, 1.05 kW  
 Replacing: 534044, 534023  
 Servicing: Renault, Volvo  
 B+ M8, Total length 207.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.90 B: 11.00 mm



**111066** Starter 12 V, 1.05 kW  
 Replacing: 6242, 6240, 618795, 618565,  
 618078, 618077, 534050, 534046, 453016  
 Servicing: Citroen, Fiat, Peugeot, Talbot  
 B+ M8, Total length 197.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 65.90 B: 22.00 mm



**111068** Starter 12 V, 0.85 kW  
 Replacing: 534048  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 212.25,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.85 B: 15.65 mm



**111100** Starter 12 V, 0.7 kW  
 Replacing: 6202F, 6202D, 6202C, 6202B,  
 6202A, 6202  
 Servicing: Citroen  
 B+ M8, Total length 207.75,  
 Gear type DD, Mounting holes 2 (0)  
 A: 65.60 B: 19.80 mm



**111104** Starter 12 V, 0.9 kW  
 Replacing: 534002  
 Servicing: Alfa Romeo  
 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 61.90 B: 10.00 mm



**111106** Starter 12 V, 1.0 kW  
 Replacing: 534028, 534027  
 Servicing: Fiat, Lancia, Seat  
 B+ M8, Total length 232.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 82.00 B: 22.40 mm




**110205** Starter 24 V, 6.5 kW

Replacing: R22.22, 0220000

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: R23.08, 6080000

 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: R23.10, 6100000

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

Replacing: R23.11, 6110000

 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof

A: 89.00 B: 48.50 mm


**110209** Starter 24 V, 5.4 kW

Replacing: R23.23, 6230000

Servicing: DAF

 B+ M12, B- M12, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110210** Starter 24 V, 6.6 kW

 Replacing: R23.05, R22.05, R20.42, 6050000,  
 0050000

 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.50 mm


**110211<sup>#</sup>** Starter 24 V, 6.6 kW

Replacing: R22.15, 0150000

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 48.00 mm


**110212** Starter 24 V, 6.6 kW

 Replacing: R23.26, R22.16, R22.14, 6260000,  
 0160000, 0140000

Servicing: Iveco, Scania

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: R22.07, 0070000

Servicing: Fiat, Iveco

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 115.00 B: 20.80 mm


**110214** Starter 24 V, 6.6 kW

Replacing: R22.13, R20D1, R20.28, 0130000

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110338** Starter 12 V, 0.8 kW

Replacing: R80Z

Servicing: Fiat, Lancia, Zastava

 B+ M8, Total length 254.00,  
 Gear type DD, Mounting holes 3 (3)

A: 66.90 B: 12.00 mm


**110352** Starter 12 V, 1.3 kW

 Replacing: R100.3, R100.03, E100L-1.5/12,  
 803000.2

Servicing: Fiat, Lada

 B+ M8, Total length 237.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (3)

A: 83.00 B: 21.30 mm


**110365** Starter 12 V, 0.8 kW

Replacing: R80.02, E80C, 8100000, 8020020000

Servicing: Autobianchi, Fiat, Lancia, Seat

 B+ M8, Total length 236.50,  
Gear type DD, Mounting holes 3 (3)

A: 62.00 B: 12.50 mm


**110520** Starter 24 V, 4.0 kW

Replacing: R10TA, R10.05

Servicing: Cummins, Fiat-Allis

 B+ M10, Total length 343.00,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.50 mm


**110522** Starter 12 V, 3.0 kW

Replacing: R11C, R11.03

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: R10.08, 6090000

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

 B+ M10, Gear type DD,  
Mounting holes 3 (0)

A: 89.00 B: 27.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: R11W, R11.07

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm


**110531** Starter 24 V, 6.6 kW

Replacing: R22.12, R22.10, 6220000, 0120000, 0100000, 0090000

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
Gear type DD, Mounting holes 0 (0)

A: 56.00 B: 43.00 mm


**110532** Starter 24 V, 6.6 kW

Replacing: R20W, R20.24

Servicing: Iveco

 B+ M10, B- M10, Total length 405.00,  
Gear type DD, Mounting holes 3 (0),  
Waterproof

A: 115.00 B: 21.00 mm


**110533** Starter 24 V, 5.4 kW

Replacing: R23.09

Servicing: Steyr

 B+ M10, B- M10, Total length 387.00,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 46.50 mm


**110534** Starter 24 V, 5.4 kW

Replacing: R23.18, 6180000

Servicing: Fiat, Ford, Iveco

 B+ M10, Total length 390.00,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: R23.21, 6210000

Servicing: Iveco

 B+ M10, B- M10, Total length 384.00,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: R11K, R11.12

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 287.50,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: R11N, R11F, R11A, R11.10, R11.06, R11.01

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

 B+ M10, Total length 335.00,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110550** Starter 24 V, 4.0 kW

Replacing: R10U, R10G, R10B, R10.07, R10.06, R10.03

Servicing: Ikarus, Kaelble-Gmeinder, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Ssangyong, Steyr, Volvo, ZTS Tees

 B+ M10, Total length 378.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm

**110551** Starter 12 V, 3.0 kW

Replacing: R11B, R11.02

Servicing: Lamborghini, Same, Ursus, Zetor

 B+ M10, Total length 326.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm

**110582** Starter 24 V, 5.4 kW

Replacing: R23.06, 6060000

Servicing: Iveco

 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm

**110608** Starter 12 V, 0.5 kW

Replacing: B76-0.5/12

Servicing: Fiat

 B+ M8, Total length 233.75,  
 Gear type DD, Mounting holes 3 (0)  
 A: 61.90 B: 7.70 mm

**110932** Starter 24 V, 5.4 kW

Replacing: R23.24

Servicing: DAF

 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 88.85 B: 47.00 mm


**110980** Starter 24 V, 5.4 kW

Replacing: R23.34, 6340000

Servicing: Volvo

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**111025** Starter 12 V, 0.8 kW

Replacing: R80K, R80.04

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 199.25,  
 Gear type DD, Mounting holes 3 (2)

A: 64.00 B: 11.00 mm


**111046** Starter 24 V, 6.6 kW

Replacing: R22.06, 0060000

Servicing: MAN, Volvo

 B+ M10, Total length 404.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 48.00 mm


**111218** Starter 24 V, 5.4 kW

Replacing: R23.33, 6330000

Servicing: Volvo Penta

 B+ M10, B- M10, Total length 388.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 89.00 B: 47.00 mm


**111219** Starter 24 V, 6.6 kW

Replacing: R23.27, 6270000, 6240000

Servicing: Volvo Penta

 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 89.00 B: 47.40 mm


**111231** Starter 24 V, 6.6 kW

Replacing: R22.38, 0380000

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 89.00 B: 40.25 mm


**111249** Starter 24 V, 5.4 kW

Replacing: R23.14, 6140000

 B+ M10, Total length 381.80,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 3 (0), Waterproof

A: 89.00 B: 48.25 mm





**111585** Starter 12 V, 0.8 kW

Replacing: R80C1, R80C

Servicing: Fiat

B+ M8, Total length 206.00,

Gear type DD, Mounting holes 3 (3)

A: 61.90 B: 13.00 mm

---


**110338** Starter 12 V, 0.8 kW

Replacing: MTS12P-19, MTS12-22  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.90 B: 12.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: MTD12-14  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (3)  
 A: 83.00 B: 21.30 mm


**110365** Starter 12 V, 0.8 kW

Replacing: MTS12-48, MTS12-42, MTS12-39,  
 MTS12-29, MTA12-39M, MTA12-39  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Replacing: MTS12-51, MTS12-50, MTS12-37,  
 MTS12-10, MTA12P-15, MTA12-P19, MTA12-  
 43, MTA12-37, MTA12-19M  
 Servicing: Dacia, DAF, Renault, Volvo  
 B+ M8, Total length 200.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 66.00 B: 10.50 mm


**110450** Starter 12 V, 3.6 kW

Replacing: MTC252-7  
 Servicing: Perkins  
 B+ M8, B- M8, 15a M4,  
 Total length 370.00, Gear type DD,  
 Mounting holes 3 (0), Insulated return,  
 Oil sealed  
 A: 88.80 B: 47.50 mm


**110566** Starter 24 V, 5.2 kW

Replacing: MTC25-27  
 Servicing: Perkins  
 B+ M8, Total length 371.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.85 B: 47.75 mm


**110624#** Starter 12 V, 0.65 kW

Replacing: MOS12-10  
 Servicing: Skoda  
 B+ M10, 15a 6.30, Total length 199.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 26.70 mm


**110774#** Starter 12 V, 0.9 kW

Replacing: MTA12-8, MOC12-4  
 Servicing: Talbot  
 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 83.00 B: 11.50 mm


**110790#** Starter 12 V, 1.0 kW

Replacing: MTD12-18  
 Servicing: Peugeot, Talbot  
 B+ M8, Total length 212.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 71.75 B: 43.00 mm


**110793** Starter 12 V, 0.9 kW

Replacing: MOC12-2  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 66.00 B: 22.00 mm


**110826** Starter 12 V, 0.8 kW

Replacing: MTS12-23S, MTS12-23, MTS12-21,  
 MTS12-1  
 Servicing: Fiat, Seat  
 B+ M8, Total length 253.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 82.40 B: 23.00 mm


**110856** Starter 12 V, 0.6 kW

Replacing: MTA12P-7, MTA12-P30  
 Servicing: Renault  
 B+ M8, Total length 208.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 66.00 B: 21.00 mm



**111100** Starter 12 V, 0.7 kW

Replacing: MTA12-30

Servicing: Citroen

B+ M8, Total length 207.75,

Gear type DD, Mounting holes 2 (0)

A: 65.60 B: 19.80 mm





**110224** Starter 12 V, 1.3 kW

Replacing: SA712, SA661A, SA661, E2AF11001DA, D6TZ11002D, D6TF11001DA, D6TF11001A, D5TF11001DA, D5TF11001AA  
 Servicing: Ford, Mercury  
 B+ M8, Total length 250.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 105.00 B: 5.00 mm



**110225** Starter 12 V

Replacing: SA733, SA709B, SA709A, SA-709B, SA-709A, E2SZ11002A, E2SF11002AA, E2SF11001AA, E1AZ11002B  
 Servicing: Ford, Lincoln, Mercury  
 B+ M8, Total length 252.00,  
 Gear type DD, Mounting holes 2 (0)  
 Marine type ACR: Cargo 111213.  
 A: 105.00 B: 16.50 mm



**110226** Starter 12 V

Replacing: D6TZ11002B, D6TZ11002A, D6TF11001EA, D6TF11001BA, D6TF11001AA, D6DZ11002B, D6DF11002B, D6BF11001BA  
 Servicing: Ford, Lincoln, Mercury  
 B+ 5/16« UNC, Total length 248.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 103.70 B: 15.50 mm



**110227** Starter 12 V

Replacing: SA709, SA660A, SA660, SA630, SA531, D6OZ11002A, D6OF11001AA, D6OF11002AA, D6OF11002A, D6OF11001AA  
 Servicing: Ford  
 B+ M8, Total length 250.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 105.00 B: 15.00 mm



**110228** Starter 12 V

Replacing: D5AZ11002C, D5AF11001EA, D2AF11001JA, D2AF11001AA, D1AZ11002A, D1AF11001AA, D1AF11001A  
 Servicing: Ford, Lincoln, Mercury  
 B+ M8, Total length 249.00,  
 Gear type DD, Mounting holes 2 (1)  
 A: 103.70 B: 10.50 mm



**110229** Starter 12 V

Replacing: D5TF11001C, D5AF11001AB, D4AZ11002A, D4AF11001AA, D4OF11001AA, D3TF11001DA, D3OZ11002A, D2VF11001AA  
 Servicing: Ford, Lincoln, Mercury  
 B+ M10, 15a M4, Total length 249.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 105.00 B: 10.50 mm



**110230** Starter 12 V

Replacing: D42F11001BA, D42F11001AB, D2FF11001AB, D22F11001AB, D22F11001AA, D1FZ11002A, D1FF11001AA  
 Servicing: Ford, Mercury  
 B+ M8, Total length 237.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 103.60 B: 15.50 mm



**110231** Starter 12 V

Replacing: E1FF11001BA, D8FF11001BA, D8FF11001AA, D6FF1100BA, D6FF11001BA, D6FF11001AA, 5752791, 3238665  
 Servicing: American Motors, Jeep  
 B+ M6, Total length 265.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.50 B: 17.50 mm



**110232#** Starter 12 V

Replacing: 3242283  
 Servicing: American Motors, Jeep  
 B+ M6, Total length 239.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 66.00 B: 11.60 mm



**110336** Starter 12 V, 0.75 kW

Replacing: 83BB11000FB, 83BB11000FA, 83BB11000AB, 82GB11000CA, 81AB11000BO, 79AB11000BO, 79AB11000BC  
 Servicing: Ford, Mercury, Triumph  
 B+ M8, 15a M5, Total length 224.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.00 mm


**110337** Starter 12 V, 0.85 kW

Replacing: V84FB11000BA, V84FB11000AA, 81AB11000CA, 81AB11000BA

Servicing: Ford

 B+ M8, 15a M5, Total length 235.00,  
 Gear type DD, Mounting holes 3 (3)

A: 76.00 B: 13.00 mm


**110454** Starter 12 V, 3.6 kW

Replacing: 82DB11000EA

Servicing: Ford

 B+ M8, Total length 371.00,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed

A: 92.00 B: 20.00 mm


**110461** Starter 12 V, 2.8 kW

Replacing: 755F11000AB, 755F11000AA, 715F11000MA, 5003643, 1653210, 1653206

Servicing: Ford, Lancer Boss

 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: D9NN11000AA, D8NN11000CE, D8NN11000CA, D7NN11000B, D4NN11000B, D2NN11000B, D1NN11000A, D0NN11000B

Servicing: Buhner, Ford, Matbro, New Holland

 B+ M8, Total length 319.45,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110465** Starter 12 V, 2.8 kW

Replacing: 1624968, 1526103

Servicing: Ford

 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110509** Starter 12 V, 1.4 kW

Replacing: D0FF11001B, C7FF11001B, C6FF11001D, C6FF11001B, C6FF11001, C5FF11001D

Servicing: American Motors, Jeep

 B+ M8, Total length 265.50,  
 Gear type DD, Mounting holes 2 (1)

A: 82.50 B: 17.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: D6PZ11350C, C9JF11350A

Servicing: Iveco

 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110584** Starter 12 V, 1.2 kW

Replacing: 3960404

Servicing: Citroen, Peugeot

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 3 (1)

A: 66.00 B: -7.00 mm


**110771** Starter 12 V, 0.8 kW

Replacing: 82GB11000EA, 77BB11000AA, 71EB11000CA, 71BB11000LB, 69EB11000DA, 5003624, 1516027, 1476964

Servicing: Ford

 B+ M8, 15a M5, Gear type DD,  
 Mounting holes 2 (0)

A: 76.00 B: 5.40 mm


**110810** Starter 12 V, 1.4 kW

Replacing: SAE792, SAE781, SAE770, F12Z11002A, F02Z11002B, E92Z11002A

Servicing: Ford, Kia, Mazda

 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 3 (2)

A: 73.50 B: 16.00 mm


**110831** Starter 12 V, 0.8 kW

Replacing: 87VB11000AA, 87GX11000AA, 85GB11000FA, 83BB11000EB, 83BB11000EA, 83BB11000DA, 83BB11000BB

Servicing: Ford

 B+ M8, Total length 258.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 31.00 mm


**110840** Starter 12 V, 1.1 kW

Replacing: 92VB11000AB, 92VB11000AA, 89VX11000AA, 89VB11000AA, 78VB11000DA

Servicing: Ford

 B+ M8, Total length 139.75,  
 Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 29.40 mm



**110842** Starter 12 V, 1.4 kW

Replacing: SAE762, E8RY11002A, E7RY11002A, 91GX11000AB, 91GB11000AB, 91GB11000AA, 86GB11000JB, 86GB11000JA

Servicing: Ford, Merkur, Saab  
B+ M8, Total length 243.30,  
Gear type GR, Mounting holes 2 (0)  
A: 76.00 B: 5.35 mm



**110851**<sup>#</sup> Starter 12 V, 1.8 kW

Replacing: 91BX11000LA, 91BB11000LA, 89BB11000AB

Servicing: Ford  
B+ M8, Total length 266.50,  
Gear type GR, Mounting holes 3 (3)  
A: 76.25 B: 14.50 mm



**110867** Starter 12 V, 1.7 kW

Replacing: 92AX11000HB, 91AB11000PA, 91AB11000GA, 91AB11000EB, 89AB11000AA, 86AB11000AC, 5023549

Servicing: Ford, Mazda  
B+ M8, Total length 265.00,  
Gear type GR, Mounting holes 3 (3)  
A: 76.00 B: 14.25 mm



**110868** Starter 12 V, 1.1 kW

Replacing: 76EB11000AA, 71EB11000BA, 71BB11000AA, 70GB11000BA, 5003623, 1568699, 1438288

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph  
B+ M8, 15a M5, Total length 255.25,  
Gear type DD, Mounting holes 2 (0)  
A: 76.00 B: 4.50 mm



**110870**<sup>#</sup> Starter 12 V, 1.0 kW

Replacing: 85GB11000EA, 76BB11000AD, 76BB11000AA, 71BB11000BA, 5003639, 1438561

Servicing: Ford, Mercury  
B+ M8, 15a M5, Total length 256.50,  
Gear type DD, Mounting holes 3 (0)  
A: 88.80 B: 27.30 mm



**110998** Starter 24 V, 5.2 kW

Replacing: 82DB11000FA

Servicing: DAF, Ford  
B+ M8, Total length 166.00,  
Gear type DD, Mounting holes 3 (0)  
A: 92.00 B: 21.00 mm



**111030** Starter 12 V, 1.4 kW

Replacing: R95GX11000EA, 95GX11000EA, 95GB11000FA, 95GB11000EA, 95GB11000CA, 92BB11000AA, 91BX11000FA

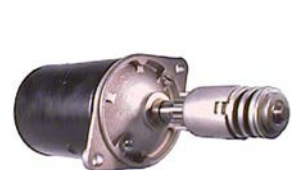
Servicing: Ford  
B+ M8, 15a M6, Total length 246.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (0)  
A: 76.20 B: 14.00 mm



**111053** Starter 12 V, 0.8 kW

Replacing: 83FB11000AA, 81AB11000GB, 81AB11000FB, 81AB11000FA, 81AB11000EB, 81AB11000EA, 81AB11000DB

Servicing: Ford  
B+ M8, 15a M5, Total length 217.00,  
Gear type DD, Mounting holes 3 (3)  
A: 76.00 B: 13.00 mm



**111102** Starter 12 V, 0.8 kW

Replacing: 71AB11001BA

Servicing: Austin, Lotus, MG, Plymouth, Triumph, Vauxhall  
B+ M8, Total length 310.80,  
Gear type DD, Mounting holes 2 (0)  
A: 88.85 B: 41.00 mm




**111131** Starter 12 V, 0.8 kW

Replacing: R92AX11000JB, R92AB11000FB, R91BB11000JA, R91AX11000KB, R91AX11000JB, R91AX11000AB, R91AB11000KB

Servicing: Austin, Ford, Mazda, Rover  
B+ M8, Total length 208.75,  
Gear type DD, Mounting holes 3 (3)  
A: 76.15 B: 13.45 mm


**111183** Starter 12 V, 1.4 kW

Replacing: SA841, SA-841, F7SZ11002AA, F7SU11000AB, F7SU11000AA, F7SU11000A1B, E9SF11000AB, E98F11000BA

Servicing: Ford, Lincoln, Mercury  
B+ M8, Total length 226.00,  
Gear type GR, Mounting holes 2 (0)  
A: 105.00 B: 15.00 mm


**111224** Starter 12 V, 4.0 kW

Replacing: C30F11001B

Servicing: John Deere  
B+ M10, Total length 402.50,  
Gear type GR, Mounting holes 3 (0),  
Oil sealed  
Replacing: 37MT.  
A: 88.90 B: 47.60 mm


**111300** Starter 12 V, 1.4 kW

Replacing: SBA185086500, SBA185086410

Servicing: Bobcat, Ford, Volvo Penta  
B+ M8, Total length 114.55,  
Gear type GR, Mounting holes 2 (0)  
A: 74.00 B: 21.00 mm


**111370** Starter 12 V, 1.2 kW

Replacing: SAE777, SAE-777, SA800, SA784, SA-800, SA-784, F4FU11000AA, F23Z11002B, F23U11000BC, F13Z11002A

Servicing: Ford, Mazda, Mercury  
B+ M8, 15a M8, Total length 224.60,  
Gear type GR, Mounting holes 3 (3)  
A: 76.25 B: 15.00 mm


**111374** Starter 12 V, 1.5 kW

Replacing: YS8Z11002AA, Y8SZ11002AA, SA898, SA815, SA-815, R93BB11000KD, R93BB11000KC, F3RZ11002C, 98BB11000AA

Servicing: Ford, Jaguar, Mazda, Mercury  
B+ M8, Total length 219.00,  
Gear type GR, Mounting holes 2 (0)


**111680** Starter 12 V, 1.1 kW

Replacing: 97KB11000AC, 97KB11000AB, 1030151

Servicing: Ford  
B+ M8, Total length 211.75,  
Gear type GR, Mounting holes 3 (2)  
A: 71.00 B: 15.00 mm


**111730** Starter 12 V, 1.0 kW

Replacing: F7RU11000AA

Servicing: Mazda, Peugeot  
B+ M8, Total length 208.00,  
Gear type GR, Mounting holes 3 (2)  
A: 73.90 B: 13.00 mm


**111750** Starter 12 V, 1.4 kW

Replacing: 92AB11000JA, 92AB11000GA, 81BB11000AA, 6816678

Servicing: Ford  
B+ M8, 15a M5, Total length 208.50,  
Gear type GR, Mounting holes 3 (3)  
A: 75.00 B: 13.50 mm


**111786** Starter 12 V, 1.7 kW

Replacing: SAEJ1171

Servicing: Mercruiser, Mercury, OMC  
B+ M8, 15a M5, Total length 246.00,  
Gear type GR, Mounting holes 2 (0)  
B: 18.50 mm


**111844** Starter 12 V, 1.4 kW

Replacing: SA853, SA776, SA-853, SA-776, F7PZ11002KA, F7PU11000KA, F0TZ11002B, F07U11000BA, 3852582

Servicing: Ford, Mazda  
B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 2 (0)  
A: 105.00 B: 14.00 mm


**111900** Starter 12 V, 1.8 kW

Replacing: 97VW11000AA, 95VW11000GA, 95VW11000CB, 1072559, 1059564, 1029405, 1012395, 1012221, 1007765

Servicing: Audi, Ford, Seat, Skoda, VW  
B+ M8, Total length 235.00,  
Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 53.00 mm


**111906** Starter 12 V, 1.1 kW

Replacing: YS4U11000BB, YS4U11000BA, YS4U11000AD, YS4U11000AB, YS4U11000AA, R96FB11000LD, R96FB11000LC

Servicing: Ford, Mazda, Volvo  
B+ M8, Total length 214.35,  
Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 26.35 mm


**111909** Starter 12 V, 1.1 kW

Replacing: 95VW11000BC, 1072156  
Servicing: Audi, Ford, Seat, Skoda, VW  
B+ M8, Total length 212.00,  
Gear type GR, Mounting holes 3 (0)

A: 76.25 B: 32.00 mm


**111981#** Starter 12 V, 1.4 kW

Replacing: 85GX11000DA, 85GB11000DA  
Servicing: Ford

B+ M8, 15a M5, Total length 243.50,  
Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 4.00 mm


**112016** Starter 12 V

Replacing: SA746, SA-746, E47F10001AA, E3TZ11002E

Servicing: Ford

B+ M6, Total length 242.00, Clutch type Wet, Gear type DD,  
Mounting holes 2 (0)

A: 104.00 B: 15.00 mm


**112030** Starter 12 V, 1.4 kW

Replacing: SA775, SA-775, F0TZ11002A, F0TZ-11002-A, F07U11000AA

Servicing: Ford, Mazda

B+ M8, Total length 225.50,  
Gear type GR, Mounting holes 2 (0)

A: 106.00 B: 4.00 mm


**112074** Starter 12 V, 3.1 kW

Replacing: F0NN11000CA, F0NN11000BA, 898821291, 89821291, 82013922, 82007917, 82005342, 81866002, 3918688

Servicing: Ford, New Holland

B+ M8, Gear type DD,  
Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**112089** Starter 12 V

Replacing: SA768A, E8HZ11002HA, E8HZ11002A, E8HT11001AA, E6HZ11002D, E6HZ11002C, E6HT11001CA, C6TZ11002E

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo

B+ M12, B- M12, 15a M5,  
Total length 500.00, Clutch type Wet,  
Gear type DD, Mounting holes 3 (0),  
Insulated return, Oil sealed  
Replacing: 42MT.

A: 92.00 B: 46.00 mm


**112166** Starter 12 V, 1.7 kW

Replacing: 95VW11000DA, 7203211

Servicing: Ford, VW

B+ M8, Total length 288.50,  
Gear type GR, Mounting holes 2 (0)  
Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.00 mm


**112177** Starter 12 V, 1.7 kW

Replacing: SBA185086650, SBA185086551

Servicing: Ford, New Holland

B+ M8, Total length 213.00,  
Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm


**112235** Starter 12 V, 1.4 kW

Replacing: YS4U11000DD, YS4U11000DC, YS4U11000DB, YS4U11000DA, XS7U11000CC, XS7U11000CB, XS7U11000C4A1

Servicing: Ford, Mazda, Mercury

B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 3 (2)  
A: 76.10 B: 13.00 mm


**112251** Starter 12 V, 2.3 kW

Replacing: R98VB11000B1A, R835X11000AC, R835F11000BB, R835F11000AC, 98VB11000BC, 98VB11000B3B, 98VB11000B3A

Servicing: Ford, LDV

B+ M8, Total length 258.00,  
Gear type GR, Mounting holes 3 (0)  
A: 91.90 B: 19.00 mm


**112253** Starter 12 V, 2.5 kW

Replacing: F7HT11002FH, F7HT11001FA, F4HT11001BA, F3HZ11002B, F3HZ11001B, F3HT11001DC

Servicing: Ford, Ingersoll Rand

B+ M10, Total length 342.00,  
Gear type GR, Mounting holes 3 (0)  
Replacing: 28MT.  
A: 88.80 B: 45.00 mm


**112267** Starter 12 V, 2.5 kW

Replacing: SA739, SA-739, F3TU11000AA, E8TZ11002A, E8TZ11000AA, E8TF11000AA, E5TZ11002B, E5TF11000AA

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00,  
Gear type GR, Mounting holes 3 (0), Oil sealed  
A: 89.00 B: 46.50 mm


**112276** Starter 12 V, 2.5 kW

Replacing: SA817, SA-817, F5TU11002A, F5TU11000AD, F5TU11000AB, F5TU11000AA, F4TZ11002A

Servicing: Ford

B+ M10, 15a M8, Total length 288.00,  
Gear type GR, Mounting holes 3 (0)  
A: 88.90 B: 34.00 mm


**112286** Starter 12 V, 1.7 kW

Replacing: 97VW11000BA, 95VW11000EC, 95VW11000EB, 1M2U11000AA, 1032666

Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW

B+ M8, Total length 236.00,  
Gear type GR, Mounting holes 3 (0)  
A: 76.10 B: 32.00 mm


**112290** Starter 12 V, 2.2 kW

Replacing: R98AB11000AD, R92AB11000HB, R92AB11000HA, R91AX11000HB, R91AB11000HA, R91AB11000FA, R89AB11000CA

Servicing: Ford, Mazda

B+ M8, Total length 257.00,  
Gear type GR, Mounting holes 3 (3)  
A: 76.00 B: 9.00 mm


**112340** Starter 12 V, 1.4 kW

Replacing: SA814, SA-814, R93BB11000JC, R93BB11000JB, F3RZ11002B, 93BB11000JC, 93BB11000JB, 93BB11000BB

Servicing: Ford, Mazda, Mercury

B+ M8, Total length 226.00,  
Gear type GR, Mounting holes 3 (3)  
A: 76.00 B: 4.00 mm


**112429** Starter 12 V, 2.0 kW

Replacing: YM2111000BB, YM2111000BA, 1147432, 1111210

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 259.00,  
Gear type GR, Mounting holes 2 (0)  
A: 76.00 B: 62.00 mm




**112536** Starter 12 V, 0.85 kW

Replacing: 91BB11000BA, 87GB11000AA, 87BB11000AA, 86BB11000NA

Servicing: Ford

 B+ M8, Gear type DD,  
Mounting holes 3 (0)

A: 89.00 B: 29.00 mm


**112584** Starter 12 V, 1.4 kW

Replacing: SA807, SA799, SA790, SA787, SA771A, SA771, SA-807, SA-799, SA-790, SA-787, SA-771A, SA-771

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 226.50,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (2)

A: 76.00 B: 15.00 mm


**112586** Starter 12 V, 1.4 kW

Replacing: SA871, SA833, SA832, SA-871, SA-833, SA-832, F8DZ11002AA, F8DU11000AA, F68Z11002BA, F68Z11002AB

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 15.00 mm


**112588** Starter 12 V, 1.4 kW

Replacing: SA859, SA-859, F89Z11002AA, F89U11000AA

Servicing: Ford, Mazda, Mercury

 B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 15.00 mm


**112592** Starter 12 V, 1.4 kW

Replacing: SA808, SA789, SA-808, SA-789, F4LU11000AA, F3LU11000AA, F2VY11002A, F2VU11000AD, F2VU11000AC

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 3 (0)

A: 76.05 B: 15.00 mm


**112599#** Starter 12 V, 1.4 kW

Replacing: SA851, SA-851, F89Z11002CA, F89U11000CA, F87U11000CB, F87U11000CA

Servicing: Ford, Mercury

 B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 2 (0)

A: 105.00 B: 15.00 mm


**112600** Starter 12 V, 1.4 kW

Replacing: SA857, SA-857, F87Z11002AA, F87U11000AA, F87U11000A1B, F87U11000A1A

Servicing: Ford, Mazda

 B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 15.00 mm


**112603** Starter 12 V, 1.5 kW

Replacing: SA885, SA855, SA-885, SA-855, F7PZ11002EA, F7PZ-11002-EA, F7PU11000EA, F7PU-11000-EA

Servicing: Ford

 B+ M8, Total length 225.50,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 105.00 B: 12.00 mm


**112608** Starter 12 V, 1.4 kW

Replacing: YC3U11000AA, SA873, SA-873, F81Z11002AA, F81U11000AD, F81U11000AC, F81U11000AB, F81U11000AA

Servicing: Ford, Lincoln

 B+ M8, Total length 220.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (0)

A: 76.00 B: 14.00 mm


**112646** Starter 12 V, 1.4 kW

Replacing: SA849, SA842, SA838, SA-849, SA-842, SA-838, F7LZ11002BA, F7LU11000BA, F7LU11000AA, F75Z11002AA

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 225.00,  
Gear type GR, Mounting holes 3 (0)

A: 76.00 B: 15.00 mm


**112667** Starter 12 V, 2.5 kW

Replacing: SA802, SA-802, F4HT11001AA, F3HT11001AC, F3HT11001AB

Servicing: Ford

B+ M10, Total length 339.00,

Gear type GR, Mounting holes 3 (0)

Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112821** Starter 12 V, 2.2 kW

Replacing: YC1U11000AG, YC1U11000AF, YC1U11000AE, YC1U11000AD, YC1U11000AC, YC1U11000AB, YC1U11000AA

Servicing: Ford, Jaguar

B+ M8, Total length 250.80,

Clutch type Wet, Gear type GR, Mounting holes 2 (0)

B: 36.00 mm


**112963** Starter 12 V, 1.4 kW

Replacing: SA732, SA-732, E4DF11001AA, E4DF-11001-AA, E3TZ11002D, E3TZ-11002-D, E37F11001A, E2BZ11002A

Servicing: Ford, Mercury, Merkur

B+ M6, Total length 243.25,

Clutch type Wet, Gear type DD, Mounting holes 3 (0)

A: 105.00 B: 14.00 mm


**112965** Starter 12 V

Replacing: SA738, SA-738, E4TZ11002A, E4TF11001AA, E4TF11000AA, E3TZ11002A, E3TG11001AA

Servicing: Ford

B+ M6, Total length 241.70,

Clutch type Wet, Gear type DD, Mounting holes 2 (0)

A: 105.00 B: 6.00 mm


**112966#** Starter 12 V, 2.2 kW

Replacing: SA760, SA754, SA-760, SA-754, E7DF11001AA, E6DZ11002C, E6DZ11002A, E6DF11001AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 211.85,

Clutch type Wet, Gear type DD, Mounting holes 3 (2)

A: 76.00 B: 15.40 mm


**113125** Starter 12 V

Replacing: SA764A, SA-764A, E9HZ11002A, E9HT11001BA

Servicing: Ford, New Holland

B+ 1/2« UNC, Total length 401.50,

Clutch type Wet, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 37MT, 41MT.

A: 92.00 B: 48.25 mm


**113136** Starter 12 V, 2.0 kW

Replacing: SA820, SA816, SA-820, SA-816, F5XY11002A, F4XY11002A, F4XA11000BB, F4XA11000BA

Servicing: Mercury, Nissan

B+ M8, Total length 219.00,

Gear type GR, Mounting holes 2 (0)

A: 61.00 B: 56.00 mm


**113137#** Starter 12 V, 1.2 kW

Replacing: F3Z211002B

Servicing: Mazda

B+ M8, Total length 232.00,

Gear type GR, Mounting holes 2 (0)

A: 66.90 B: 46.50 mm


**113216#** Starter 12 V, 1.4 kW

Replacing: SA779, SA-779, F4CU11000AA, F0FZ11002B, F0CU11001AB, F0CU11001AA, F0CU11000AB, F0CU11000AA

Servicing: Ford, Ford USA, Mercury

B+ M8, Total length 224.50,

Gear type GR, Mounting holes 3 (2)

A: 73.90 B: 15.50 mm


**113217#** Starter 12 V, 1.4 kW

Replacing: SA774, SA-774, F4CU11000BB, F4CU11000BA, F0FZ11002A, F0CU11001BA, F0CU11000BA, F0CF11000BA

Servicing: Ford

B+ M8, Total length 224.00,

Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 14.30 mm


**113218<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: SA793, SA-793, F2TZ11002A, F2TU11000AA, F2HT11000BA

Servicing: Ford

 B+ M8, Total length 224.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 105.00 B: 5.50 mm

**113220<sup>#</sup>** Starter 12 V, 1.5 kW

Replacing: SA795, SA-795, F2TZ11002C, F1TU11000BA, F1TU-11000-BA

Servicing: Ford

 B+ M8, Total length 224.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 105.00 B: 10.50 mm

**113221<sup>#</sup>** Starter 12 V, 1.5 kW

Replacing: SA794, SA-794, F2TZ11002B, F2TU11000CA, F2TU11000BA

 B+ M8, Total length 224.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 103.75 B: 10.50 mm

**113222** Starter 12 V, 1.4 kW

Replacing: SA785, SA-785, F1TZ11002A, F17U11000AB, F17U-11000-AB

Servicing: Ford, Ford USA, Mazda

 B+ M8, Total length 225.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 103.50 B: 14.50 mm

**113223<sup>#</sup>** Starter 12 V, 1.5 kW

Replacing: SA798, SA-798, F2HZ11002B

 B+ M8, Total length 224.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 103.70 B: 11.00 mm

**113224<sup>#</sup>** Starter 12 V, 1.5 kW

Replacing: SA797, SA-797, F2HZ11002A

 B+ M8, Total length 225.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 105.00 B: 13.50 mm

**113225<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: SAV786RM, SA786, SA-786, F2VU11000AB, F1VY11002A, F1VU11000AA

 Servicing: Ford, Ford USA, Lincoln, Mercury  
 B+ M8, Total length 224.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 14.35 mm

**113226<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: SA831, SA-831, F67Z11002AA, F67U11000AA, F671002AA

Servicing: Ford, Mercury

 B+ M8, Total length 223.45,  
 Gear type GR, Mounting holes 2 (0)  
 A: 105.00 B: 14.50 mm

**113303** Starter 12 V, 2.2 kW

Replacing: 6G9N11000KB

Servicing: Volvo

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.00 B: 0.00 mm

**113614<sup>#</sup>** Starter 12 V, 1.7 kW

Replacing: SA801, F3XY11002A, F3XA11000AB, F3XA11000AA

Servicing: Mercury, Nissan

 B+ M8, Total length 227.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 61.00 B: 55.00 mm

**113696** Starter 12 V, 2.0 kW

Replacing: SBA185086530

Servicing: Ford, New Holland

 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 20.00 mm

**113701** Starter 12 V, 1.1 kW

Replacing: R97KB11000AC, R97KB11000AB, 97KB11000AA, 96FB11000ME, 96FB11000MD, 96FB11000MC, 96FB11000MB

Servicing: Ford, Mazda

 B+ M8, Total length 218.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (2)  
 Comstar supply 23 tooth. Real supply 21 tooth.

A: 71.00 B: 14.00 mm




**113702** Starter 12 V, 2.2 kW

Replacing: XM3411002CA, F8RU11000AA, 4348654, 3601369

Servicing: Ford, Mazda

 B+ M8, 15a M8, Total length 234.00,  
 Gear type GR, Mounting holes 3 (3)

A: 82.00 B: 16.40 mm


**113703** Starter 12 V, 3.6 kW

Replacing: 6C2Z11002A, 6C2T11000AA, 3C3Z11002AA, 3C3Z11002A, 3C3U11000AC, 3C3U11000AB

Servicing: Ford

 B+ M10, Total length 248.00,  
 Gear type GR, Mounting holes 2 (1)

A: 76.00 B: 47.00 mm


**113794** Starter 12 V, 1.4 kW

Replacing: 1S7U11000AG, 1S7U11000AF, 1S7U11000AE, 1S7U11000AD, 1S7U11000AC, 1S7U11000AB, 1S7U11000AA, 1465010

Servicing: Ford

 B+ M8, Total length 251.00,  
 Gear type GR, Mounting holes 2 (0)

B: 29.00 mm


**113905** Starter 12 V, 1.4 kW

Replacing: 8V2111000AE, 8V2111000AD, 8V2111000AC, 2S6U11000EE, 2S6U11000ED, 2S6U11000EC, 2S6U11000EB

Servicing: Ford, Mazda

 B+ M8, Total length 20.900,  
 Gear type GR, Mounting holes 3 (1)

B: 13.00 mm


**113906** Starter 12 V, 1.2 kW

Replacing: 6S4T11000AA, 6G9N11000AB, 6G9N11000AA, 5S4T11000AA, 4S4T11000AA, 4727857, 4635595, 4587107

Servicing: Ford, Volvo

 B+ M8, Total length 169.00,  
 Gear type GR, Mounting holes 2 (0)

B: 29.00 mm


**113907** Starter 12 V, 1.2 kW

Replacing: 4M5T11000AC, 4M5T11000AB, 4M5T11000AA, 1478129, 1366473, 1325943

Servicing: Ford

 B+ M8, Total length 169.00,  
 Gear type GR, Mounting holes 2 (0)

B: 29.00 mm


**113908** Starter 12 V, 1.2 kW

Replacing: 3M5T11000CF, 3M5T11000CE, 3M5T11000CD, 3M5T11000CC, 3M5T11000CB, 1469712, 1368970, 1254222, 1233234

Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 200.30,  
 Gear type GR, Mounting holes 3 (1)

B: 15.50 mm


**113909** Starter 12 V, 2.2 kW

Replacing: 3S7T11000AD, 3S7T11000AC, 3S7T11000AB, 3S7T11000AA, 1386127, 1233277, 1209193, 1197912

Servicing: Ford

 B+ M8, Total length 218.00,  
 Gear type GR, Mounting holes 2 (0)

B: 15.50 mm


**113910** Starter 12 V, 1.4 kW

Replacing: 4443760, 4424968, 4033064, 2T1411000CC, 2T1411000CB, 2T1411000BC, 2T1411000BB, 2T1411000BA, 1477974

Servicing: Ford

 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 15.00 mm


**113911** Starter 12 V, 2.2 kW

Replacing: 6G9N11000GC, 6G9N11000FA, 4M5T11000FD, 4M5T11000FC, 4M5T11000FB, 4M5T11000FA, 3M5T11000DC

Servicing: Ford, Volvo

 B+ M8, Total length 243.50,  
 Gear type GR, Mounting holes 3 (2)

A: 62.50 B: -5.95 mm


**113959** Starter 12 V, 2.0 kW

Replacing: 7H1211002AB, 6C1T11000AF, 6C1T11000AE, 6C1T11000AD, 6C1T11000AC, 6C1T11000AB, 1709189, 1669558

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot

 B+ M8, Total length 261.50,  
 Gear type GR, Mounting holes 2 (0)

A: 89.00 B: 36.00 mm


**113968** Starter 12 V, 3.6 kW

Replacing: F1NN11000AA, F0NN7H022BA, 82013923, 82005343

Servicing: New Holland

 B+ M8, Total length 330.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**114119** Starter 12 V, 2.2 kW

Replacing: 98AB11000AD, 97BB11000B3D, 1S4U11000AB, 1S4U11000AA, 1133994

Servicing: Ford

 B+ M8, Total length 256.00,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 14.50 mm


**114162** Starter 12 V, 1.1 kW

Replacing: 4S6911000AA, 2S6U11000DC, 2S6U11000DB, 2S6U11000DA, 1564732, 1309581, 1149703

Servicing: Ford

 B+ M8, Total length 201.00,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 15.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114315** Starter 12 V, 1.4 kW

Replacing: 3M5T11000EA, 1374049

Servicing: Ford, Volvo

Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 0.00 mm



**114388** Starter 12 V, 3.2 kW

Replacing: 9HT12010A6A

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 296.50, Gear type DD,

Mounting holes 3 (0)

*Iskra version.*

A: 89.00 B: 32.50 mm




**110142** Starter 12 V, 1.0 kW

Replacing: S114-97, S114-87M, S114-87K, S114-87, S114-55, S114-208, S114-163F, S114-163E, S114-163B, S114-163

Servicing: Nissan

 B+ M8, Total length 231.50,  
 Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 13.00 mm


**110144** Starter 12 V, 1.0 kW

Replacing: S114-174, S114-170E, S114-170B, S114-170, S114-108M, S114-108L, S114-108, S114-103P, S114-103N

Servicing: Nissan, TCM

 B+ M8, Total length 187.00,  
 Gear type DD, Mounting holes 2 (0)

A: 82.25 B: 8.00 mm


**110145#** Starter 12 V, 1.0 kW

Replacing: S114-363, S114-305, S114-269, S114-245, S114-227, S114-211, S114-210, S114-149, S114-141, S114-140

Servicing: Honda

 B+ M8, Total length 248.50,  
 Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 35.00 mm


**110155** Starter 12 V, 1.0 kW

Replacing: S114-91K, S114-91

Servicing: Hyundai, Komatsu, Nissan, TCM

 B+ M8, Total length 191.00,  
 Gear type DD, Mounting holes 2 (0)

A: 83.00 B: 7.50 mm


**110156** Starter 12 V, 1.2 kW

Replacing: S114-164A, S114-164, S114-151L, S114-151, S114-150L, S114-150

Servicing: Komatsu

 B+ M8, Total length 218.00,  
 Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 21.00 mm


**110160** Starter 12 V, 1.2 kW

Replacing: S114-237, S114-232A, S114-232

Servicing: Volvo

 B+ M8, Total length 232.25,  
 Gear type DD, Mounting holes 2 (2)

A: 82.45 B: 35.00 mm

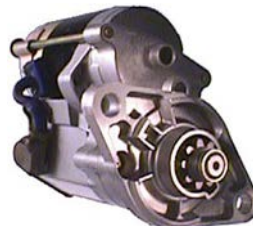

**110249** Starter 12 V, 0.8 kW

Replacing: S114-614, S114-606C, S114-606A, S114-606, S114-566, S114-396D, S114-396

Servicing: Honda, Nissan, Rover

 B+ M8, Total length 209.50,  
 Gear type DD, Mounting holes 2 (0)

A: 75.00 B: 34.75 mm


**110260** Starter 12 V, 1.0 kW

Replacing: LR160-12B

Servicing: Toyota, VW

 B+ M8, Total length 197.00,  
 Gear type GR, Mounting holes 2 (0)

A: 73.80 B: 20.00 mm


**110277** Starter 12 V, 0.8 kW

Replacing: S114-426, S114-348A, S114-348, S114-229F, S114-229E, S114-229, S114-173F, S114-173E, S114-173B

Servicing: Nissan

 B+ M8, Total length 82.35,  
 Gear type DD, Mounting holes 2 (0)

A: 82.35 B: 6.80 mm


**110278** Starter 12 V, 0.8 kW

Replacing: S114-320A, S114-320, S114-319

Servicing: Nissan

 B+ M8, Total length 192.00,  
 Gear type DD, Mounting holes 2 (2)

A: 82.00 B: 3.00 mm


**110279** Starter 12 V, 0.8 kW

Replacing: S114-568A, S114-568, S114-402, S114-364, S114-316, S114-315

Servicing: Nissan, VW

 B+ M8, Total length 227.50,  
 Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 42.00 mm


**110280** Starter 12 V, 1.2 kW

Replacing: S114-344, S114-268A, S114-268, S114-258C, S114-258A, S114-258, S114-254F, S114-254D, S114-254C

Servicing: Nissan

 B+ M8, Total length 211.80,  
 Gear type GR, Mounting holes 2 (0)

A: 82.45 B: 7.20 mm


**110308<sup>#</sup>** Starter 12 V, 1.0 kW

Replacing: S114-427, S114-301, S114-295B, S114-295A, S114-295, S114-240, S114-182G, S114-182F, S114-182E

Servicing: Nissan

 B+ M8, Total length 208.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.45 B: 10.00 mm

**110310<sup>#</sup>** Starter 12 V, 1.0 kW

Replacing: S114-390A, S114-389A

Servicing: Nissan

 B+ M8, Total length 189.25,  
 Gear type DD, Mounting holes 2 (2)  
 A: 82.40 B: 2.50 mm

**110332** Starter 12 V, 1.0 kW

Replacing: S114-92, S114-72, S114-70, S114-162D, S114-162B, S114-162A, S114-162

Servicing: Mercury, Nissan

 B+ M8, Gear type DD,  
 Mounting holes 2 (0)  
 A: 70.00 B: 21.45 mm

**110355<sup>#</sup>** Starter 12 V, 1.8 kW

Replacing: S12-59, S12-41A, S12-41

Servicing: Thermo King

 B+ M8, Total length 284.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 95.00 B: 19.00 mm

**110386** Starter 12 V, 1.9 kW

Replacing: S13-38B, S13-38A, S13-36, S12-68D, S12-68C, S12-68B, S12-68A, S12-68, S12-63C, S12-63B, S12-63A

Servicing: Nissan

 B+ M8, Total length 242.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 10.50 mm

**110412** Starter 12 V, 2.2 kW

Replacing: S13-33B, S13-33A, S13-33, S13-28, S13-27A, S13-27, S13-25, S13-123, S13-111, S13-06A, S13-06

Servicing: Isuzu, John Deere, TCM

 B+ M8, Total length 233.80,  
 Gear type DD, Mounting holes 2 (0)  
 A: 94.90 B: 20.30 mm

**110417** Starter 12 V, 1.3 kW

Replacing: S114-625, S114-235B, S114-235A, S114-235, S114-231B

Servicing: Yanmar

 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 89.00 B: 17.50 mm

**110439** Starter 12 V, 2.0 kW

Replacing: S12-87, S12-85

Servicing: Buhner, Compair, Eicher, Massey Ferguson

 B+ M8, Total length 309.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 25.00 mm

**110443** Starter 12 V, 2.1 kW

Replacing: S12-84

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm

**110462** Starter 12 V, 2.8 kW

Replacing: S13-61A, S13-61

Servicing: Buhner, Ford, Matbro, New Holland

 B+ M8, Total length 319.45,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 20.00 mm

**110467<sup>#</sup>** Starter 24 V, 3.2 kW

Replacing: S25-155D, S25-155C, S25-131A, S25-131

Servicing: Nissan

 B+ M8, Total length 289.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 105.00 B: 10.00 mm

**110477<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: S114-271, S114-270, S114-247C, S114-247B, S114-247A, S114-247, S114-202A, S114-202, S114-192

Servicing: Buick, Chevrolet, GMC, Isuzu, Opel

 B+ M8, Total length 205.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 88.50 B: 21.00 mm




**110485** Starter 12 V, 1.4 kW

Replacing: S114-450, S114-244, S114-116  
 Servicing: Thermo King, Yanmar  
 B+ M8, Total length 214.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 21.00 mm


**110552** Starter 12 V, 1.2 kW

Replacing: S114-381  
 Servicing: Ford, JCB, John Deere, Volvo  
 Penta  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 20.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: S13-74, S13-73B, S13-73, S12-73  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm


**110573** Starter 12 V, 2.0 kW

Replacing: S13-82B, S13-82A, S13-82, S13-75, S13-120B, S13-120A, S12-58, S12-48  
 Servicing: Daewoo, Hyster, Isuzu  
 B+ M8, Total length 234.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 21.80 mm


**110574** Starter 12 V, 2.0 kW

Replacing: S14-205A, S14-205, S13-327, S13-307A, S13-213, S13-212, S13-106E, S13-106C, S13-106B, S13-106A  
 Servicing: Nissan  
 B+ M8, Total length 224.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.90 B: 11.00 mm


**110575** Starter 12 V, 2.0 kW

Replacing: S13-305A, S13-305, S13-105A, S13-105, S114-105  
 Servicing: Nissan  
 B+ M8, Total length 218.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.00 B: 3.50 mm


**110580** Starter 24 V, 4.5 kW

Replacing: S25-135A, S25-135, S25-103, S25-100A, S25-100  
 Servicing: Isuzu  
 B+ M10, Total length 358.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 105.00 B: 41.00 mm


**110616** Starter 24 V, 4.5 kW

Replacing: S25-75A, S25-75, S25-64F, S25-64E, S25-64B, S25-64, S25-164A, S25-164, S25-162, S25-110M, S25-110L  
 Servicing: Nissan  
 B+ M8, Total length 292.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 105.00 B: 33.80 mm


**110617** Starter 12 V, 1.2 kW

Replacing: S114-23K, S114-184  
 Servicing: Nissan  
 B+ M8, Total length 269.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.35 B: 31.35 mm


**110717#** Starter 12 V, 1.8 kW

Replacing: S13-64, S13-50A, S13-50  
 Servicing: Nissan  
 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.00 B: 7.70 mm


**110718#** Starter 12 V, 1.4 kW

Replacing: S114-290B, S114-290A, S114-290  
 Servicing: Bedford, Isuzu, Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 88.75 B: 21.60 mm


**110719** Starter 12 V, 2.0 kW

Replacing: S13-92A, S13-92, S13-63, S13-45B, S13-45A, S13-45, S13-40B, S13-40A, S13-40, S13-34A, S13-34  
 Servicing: Nissan  
 B+ M8, Total length 227.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.45 B: 11.50 mm




**110723** Starter 24 V, 3.5 kW

Replacing: S25-212, S25-120A, S25-120, S24-13, S24-03C, S24-03B, S24-03A

Servicing: Isuzu

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (0)

A: 94.90 B: 21.00 mm


**110807** Starter 12 V, 0.85 kW

Replacing: S114-550A, S114-550

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 20.50 mm


**110820** Starter 12 V, 2.0 kW

Replacing: S13-89D, S13-89C, S13-89B, S13-89A, S13-89, S13-289A, S13-289, S13-211, S12-89

Servicing: Thermo King

 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 18.75 mm


**110824** Starter 12 V, 1.1 kW

Replacing: S114-297

Servicing: Audi, Porsche, VW

 B+ M8, 15a M5, Total length 255.50,  
 Gear type DD, Mounting holes 2 (1)

A: 82.00 B: 20.60 mm


**111010** Starter 12 V, 1.4 kW

Replacing: S114-501A, S114-501

Servicing: Audi, VW

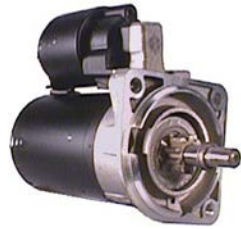
 B+ M8, 15a 6.30, Total length 243.25,  
 Gear type GR, Mounting holes 2 (1)

A: 82.50 B: 20.80 mm


**111023** Starter 12 V, 1.4 kW

Replacing: S114-461B, S114-461A, S114-461

Servicing: Nissan

 B+ M8, Total length 221.25,  
 Gear type GR, Mounting holes 2 (0)

**111058** Starter 12 V, 0.8 kW

Replacing: S114-554A, S114-554

Servicing: Audi, Seat, VW

 B+ M8, 15a 6.30, Total length 215.50,  
 Gear type DD, Mounting holes 3 (2)  
*Bushing d.e. (clutch house): Cargo 140500.*

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

Replacing: S114-553A, S114-553

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 230.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
*Bushing D.E. (clutch house): Cargo 140008.*

A: 76.00 B: 33.00 mm


**111098** Starter 12 V, 1.0 kW

Replacing: S114-385

Servicing: Iseki

 B+ M8, Total length 212.50,  
 Gear type GR, Mounting holes 2 (0)

A: 80.00 B: 22.60 mm


**111120** Starter 12 V, 2.2 kW

Replacing: S13-91A, S13-91

Servicing: Volvo, VW

 B+ M8, Total length 272.65,  
 Gear type GR, Mounting holes 2 (2)

A: 82.35 B: 21.60 mm


**111136** Starter 12 V, 1.4 kW

Replacing: S114-480B, S114-480A, S114-480, S114-473

Servicing: Opel, Vauxhall

 B+ M8, Total length 199.00,  
 Gear type GR, Mounting holes 2 (1)

A: 77.90 B: 19.00 mm


**111182** Starter 12 V, 0.8 kW

Replacing: S114-557A, S114-557, S114-556A, S114-556, S114-424A, S114-424, S114-419A, S114-419, S114-418

Servicing: Subaru

 B+ M8, Total length 213.75,  
 Gear type DD, Mounting holes 2 (0)

A: 82.40 B: 39.80 mm


**111247** Starter 24 V, 3.5 kW

Replacing: S25-121A, S25-121, S24-07

Servicing: Isuzu

B+ M8, Total length 243.25,

Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 20.75 mm


**111274** Starter 12 V, 1.2 kW

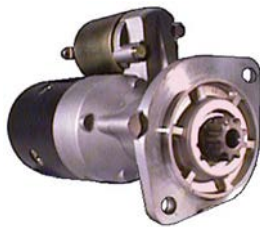
Replacing: S114-481A, S114-481

Servicing: Opel, Vauxhall

B+ M8, Total length 214.00,

Gear type GR, Mounting holes 3 (1)

A: 77.50 B: 18.50 mm


**111276#** Starter 12 V, 1.4 kW

Replacing: S114-429A, S114-429

Servicing: Isuzu

B+ M8, Total length 204.50,

Gear type GR, Mounting holes 2 (0)

A: 79.80 B: 22.00 mm


**111303** Starter 12 V, 0.8 kW

Replacing: S114-775A, S114-775, S114-758, S114-570C, S114-570B, S114-570A, S114-570

Servicing: Jaguar, Nissan

B+ M8, Total length 185.15,

Gear type DD/GR, Mounting holes 2 (1)

A: 69.95 B: 11.15 mm


**111312** Starter 12 V, 0.8 kW

Replacing: S114-769A, S114-769, S114-630, S114-617A, S114-617, S114-569, S114-535

Servicing: Nissan

B+ M8, Total length 221.70,

Gear type DD/GR, Mounting holes 2 (0)

A: 70.00 B: 43.00 mm


**111382** Starter 12 V, 1.4 kW

Replacing: S114-801D, S114-801C, S114-801B, S114-801A, S114-801

Servicing: Infiniti, Nissan

B+ M8, Total length 229.85,

Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 56.25 mm


**111441#** Starter 12 V, 0.8 kW

Replacing: S114-318A, S114-318, S114-317B, S114-317A, S114-317

Servicing: Nissan

B+ M8, Total length 201.15,

Gear type GR, Mounting holes 2 (0)

mm


**111445** Starter 12 V, 2.0 kW

Replacing: S13-502A, S13-502, S13-302B, S13-302A, S13-302, S13-102, S13-101

Servicing: Nissan, Toyota

B+ M8, Gear type GR,

Mounting holes 2 (0)

A: 82.00 B: 8.00 mm


**111448#** Starter 12 V, 2.0 kW

Replacing: S13-66A, S13-66

Servicing: Nissan

B+ M8, Total length 219.00,

Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 8.00 mm


**111452** Starter 12 V, 0.8 kW

Replacing: S114-839, S114-780, S114-505A, S114-505

Servicing: TCM

B+ M8, Total length 191.00,

Gear type GR, Mounting holes 2 (0)

A: 82.00 B: 7.00 mm


**111459** Starter 12 V, 1.2 kW

Replacing: S114-802A, S114-800B, S114-800A, S114-800, S114-767, S114-766A, S114-766, S114-750, S114-534

Servicing: Jaguar, Nissan

B+ M8, Total length 207.00,

Gear type GR, Mounting holes 2 (1)

A: 69.90 B: 11.50 mm


**111473#** Starter 12 V, 1.4 kW

Replacing: S114-805A, S114-805, S114-804A, S114-804, S114-701C, S114-701BR, S114-701B, S114-701A, S114-701

Servicing: Nissan

B+ M8, Total length 192.00,

Gear type GR, Mounting holes 2 (2)

A: 82.40 B: 42.50 mm


**111488<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: S114-525A, S114-525, S114-519A, S114-519

Servicing: Nissan

 B+ M8, Total length 220.00,  
Gear type GR, Mounting holes 3 (3)

A: 70.00 B: 28.00 mm


**111506<sup>#</sup>** Starter 12 V, 2.2 kW

Replacing: S13-531, S13-331, S13-131

Servicing: Nissan

 B+ M8, Total length 230.35,  
Gear type GR, Mounting holes 2 (2)

A: 82.00 B: 3.00 mm

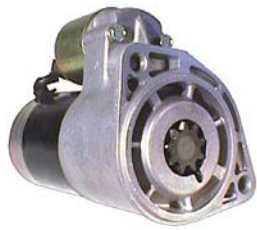

**111534** Starter 12 V, 1.4 kW

Replacing: S114-890A, S114-890, S114-850E, S114-850D, S114-850C, S114-850B, S114-850A, S114-850

Servicing: Opel, Vauxhall

 B+ M8, Total length 188.00,  
Gear type GR, Mounting holes 2 (1)

A: 77.90 B: 19.00 mm


**111549** Starter 12 V, 1.4 kW

Replacing: S114-827, S114-762B, S114-762A, S114-762, S114-705E, S114-705D, S114-705C, S114-705B, S114-705A

Servicing: Nissan

 B+ M8, Total length 199.00,  
Gear type GR, Mounting holes 2 (2)

A: 82.45 B: 3.65 mm


**111558** Starter 24 V, 3.5 kW

Replacing: S25-156

Servicing: Nissan

 B+ M8, Total length 333.60,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (0)

A: 105.00 B: 9.00 mm


**111559** Starter 12 V, 2.0 kW

Replacing: S14-210A, S14-210, S14-203, S13-210C, S13-210B, S13-114B, S13-114A, S13-114, S13-112A, S13-112

Servicing: Isuzu, Opel, Vauxhall

 B+ M8, Total length 223.50,  
Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 10.50 mm


**111560<sup>#</sup>** Starter 12 V, 0.8 kW

Replacing: S114-362A, S114-362

Servicing: Subaru

 B+ M8, Total length 232.50,  
Gear type DD, Mounting holes 2 (0)

A: 82.45 B: 39.15 mm


**111566<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: S114-526B, S114-526A, S114-526

Servicing: Nissan

 B+ M8, Total length 208.00,  
Gear type GR, Mounting holes 2 (0)

A: 82.35 B: 7.85 mm


**111586** Starter 12 V, 1.4 kW

Replacing: S114-482

Servicing: GEO, Suzuki

 B+ M8, Total length 207.50,  
Gear type GR, Mounting holes 2 (0)

A: 82.45 B: 11.00 mm


**111608** Starter 12 V, 1.4 kW

Replacing: S114-523

Servicing: Infiniti, Nissan

 B+ M8, Total length 216.00,  
Gear type GR, Mounting holes 2 (2)

A: 82.25 B: 43.00 mm


**111634<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: S114-252F, S114-252E, S114-252C, S114-252A, S114-252

Servicing: Mitsubishi

 B+ M8, Total length 203.00,  
Gear type GR, Mounting holes 2 (0)

A: 69.90 B: 12.50 mm


**111683** Starter 12 V, 2.0 kW

Replacing: S13-136

Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

 B+ M8, Total length 232.50,  
Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 19.50 mm





**111690** Starter 12 V, 1.1 kW  
 Replacing: S114-808B, S114-808A, S114-808  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 193.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)  
 A: 78.00 B: 19.50 mm



**111706** Starter 12 V, 1.0 kW  
 Replacing: S114-303A, S114-303  
 Servicing: Yanmar  
 B+ M8, Total length 217.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 69.90 B: 17.50 mm



**111731#** Starter 12 V, 1.2 kW  
 Replacing: S114-472A, S114-472, S114-471A,  
 S114-471  
 Servicing: Nissan  
 B+ M8, Gear type GR,  
 Mounting holes 2 (0)  
 A: 82.00 B: 12.00 mm



**111762#** Starter 12 V, 1.4 kW  
 Replacing: S114-516B, S114-516A, S114-516,  
 S114-503A, S114-503  
 Servicing: Nissan  
 B+ M8, Total length 197.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.00 B: 13.50 mm



**111763** Starter 12 V, 1.2 kW  
 Replacing: S114-528A, S114-528  
 Servicing: Nissan  
 B+ M8, Total length 196.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.00 B: 14.00 mm



**111766** Starter 12 V, 1.1 kW  
 Replacing: S114-323C, S114-323B, S114-  
 323A, S114-323  
 Servicing: Yamaha, Yanmar  
 B+ M8, Total length 222.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 67.00 B: 32.00 mm



**111805** Starter 12 V, 2.5 kW  
 Replacing: S13-127C, S13-127A, S13-127,  
 S13-107A, S13-107  
 Servicing: Ford, Nissan  
 B+ M8, Total length 243.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 11.50 mm



**111836** Starter 12 V, 0.8 kW  
 Replacing: S108-41  
 Servicing: Harley Davidson  
 B+ M6, Total length 176.00,  
 Gear type DD, Mounting holes 0 (0)  
 A: 24.50 B: 23.00 mm



**111840** Starter 12 V, 0.6 kW  
 Replacing: S108-61G, S108-61F, S108-61E,  
 S108-61D, S108-61C, S108-61B, S108-61A,  
 S108-61, S108-116  
 Servicing: Kawasaki  
 B+ M8, Total length 224.50,  
 Gear type DD, Mounting holes 2 (2)  
 A: 62.00 B: 27.00 mm



**112008** Starter 12 V, 0.6 kW  
 Replacing: S114-120, S108-94A, S108-94,  
 S108-120, S108-112  
 Servicing: Suzuki  
 B+ M6, Total length 201.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 67.00 B: 30.00 mm



**112083** Starter 12 V, 2.8 kW  
 Replacing: S14-03, S13-555B, S13-555A, S13-  
 555, S13-514  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 230.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 11.50 mm



**112216#** Starter 12 V, 1.4 kW  
 Replacing: S114-464B, S114-464A, S114-464,  
 S114-460B, S114-460A, S114-460, S114-456A,  
 S114-456, S114-452A  
 Servicing: Nissan  
 B+ M8, Total length 225.00,  
 Gear type GR, Mounting holes 2 (0)  
 B: 14.00 mm



**112291** Starter 12 V, 0.9 kW  
 Replacing: S114-655D, S114-655A, S114-655  
 Servicing: Yanmar  
 B+ M8, Total length 206.30,  
 Gear type DD, Mounting holes 2 (0)  
 A: 94.50 B: 20.50 mm



**112296** Starter 12 V, 1.0 kW  
 Replacing: S114-194, S114-134  
 Servicing: Yanmar  
 B+ M8, Gear type DD,  
 Mounting holes 2 (0), Oil sealed  
 A: 82.00 B: 7.00 mm



**112320** Starter 12 V, 1.4 kW  
 Replacing: S114-925, S114-869, S114-829D,  
 S114-829C, S114-829B, S114-829A, S114-829  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 77.90 B: 19.50 mm



**112365** Starter 12 V, 2.2 kW  
 Replacing: S13-327A, S13-326, S13-322, S13-  
 126A, S13-126, S13-122  
 Servicing: Nissan  
 B+ M8, Total length 224.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 95.00 B: 10.50 mm



**112371** Starter 12 V, 2.2 kW  
 Replacing: S13-207C, S13-207A, S13-207  
 Servicing: Thermo King, Yanmar  
 B+ M8, Total length 226.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 21.50 mm



**112373** Starter 12 V, 0.9 kW  
 Replacing: S114-816, S114-653B, S114-653A,  
 S114-653, S114-443A, S114-443  
 Servicing: Yanmar  
 B+ M8, Total length 192.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 80.00 B: 13.60 mm



**112374** Starter 12 V, 2.5 kW  
 Replacing: S13-94A, S13-94, S13-78, S13-  
 41D, S13-41C, S13-41B, S13-41A, S13-41, S13-  
 332, S13-294, S13-132  
 Servicing: Yanmar  
 B+ M8, Total length 240.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 21.40 mm



**112382** Starter 12 V, 0.8 kW  
 Replacing: S114-949, S114-903A, S114-903  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 191.00,  
 Gear type DD, Mounting holes 3 (1)  
 A: 64.50 B: 10.50 mm



**112478** Starter 12 V, 0.8 kW  
 Replacing: S114-651A, S114-651, S114-414A,  
 S114-414  
 Servicing: Yanmar  
 B+ M8, Total length 192.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 66.00 B: 16.00 mm



**112659** Starter 12 V, 1.0 kW  
 Replacing: S114-662, S114-213A, S114-213  
 Servicing: Bobcat, Subaru  
 B+ M8, Total length 218.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 62.00 B: 22.00 mm



**112672** Starter 12 V, 3.0 kW  
 Replacing: S13-138A, S13-138  
 Servicing: Yanmar  
 B+ M8, Total length 292.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 94.45 B: 20.00 mm



**112674** Starter 12 V, 1.3 kW  
 Replacing: S114-230A, S114-230  
 Servicing: Yanmar  
 B+ M8, Total length 208.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 89.00 B: 24.00 mm


**112676** Starter 12 V, 2.2 kW

Replacing: S13-204  
 Servicing: Komatsu, Yanmar  
 B+ M8, Total length 233.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 95.00 B: 20.40 mm


**112844#** Starter 12 V, 1.4 kW

Replacing: S114-754A, S114-754  
 Servicing: Nissan  
 B+ M8, Total length 206.70,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 70.00 B: 28.60 mm


**112983#** Starter 12 V, 1.4 kW

Replacing: S114-439A, S114-439, S114-430B,  
 S114-430A, S114-430  
 Servicing: Nissan  
 B+ M8, Total length 227.00,  
 Clutch type Wet, Gear type DD/GR,  
 Mounting holes 2 (0)


**112985#** Starter 12 V, 1.2 kW

Replacing: S114-527B, S114-527A, S114-527  
 Servicing: Nissan  
 B+ M8, Total length 220.10,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 82.40 B: 6.60 mm


**112986** Starter 12 V, 1.4 kW

Replacing: S114-753C, S114-753B, S114-  
 753A, S114-753  
 Servicing: Acura, Isuzu  
 B+ M8, Total length 197.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 B: 12.00 mm


**113191** Starter 24 V, 3.5 kW

Replacing: S25-160, S25-158B, S25-158A,  
 S25-158, 23300-6J04, 23300-6J02  
 Servicing: Nissan  
 B+ M8, Total length 301.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 104.90 B: 10.50 mm


**113210** Starter 24 V, 3.2 kW

Replacing: S25-303A, S25-303, S25-302, S25-  
 125B, S25-125A, S25-125, S24-01D, S24-01C,  
 S24-01B, S24-01  
 Servicing: Nissan  
 B+ M8, Total length 240.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 105.00 B: 11.00 mm


**113276** Starter 12 V, 1.1 kW

Replacing: S114-907A, S114-907  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 67.90 B: 18.00 mm


**113408** Starter 12 V, 1.4 kW

Replacing: S12-47, S114-817A, S114-817,  
 S114-815A, S114-815  
 Servicing: Honda, Yanmar  
 B+ M8, Total length 193.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.85 B: 19.50 mm


**113494#** Starter 12 V, 0.6 kW

Replacing: S108-101  
 Servicing: Subaru  
 B+ M6, Total length 200.00,  
 Gear type DD, Mounting holes 2 (0)  
 B: 31.50 mm


**113505#** Starter 12 V, 1.0 kW

Replacing: S114-576  
 Servicing: Mitsubishi  
 B+ M8, Total length 189.35,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)  
 A: 76.00 B: 9.00 mm


**113526** Starter 12 V, 0.5 kW

Replacing: 31100-W0100  
 Servicing: Kohler  
 B+ M6, Total length 193.50,  
 Gear type DD, Mounting holes 2 (2)  
 A: 66.85 B: 32.00 mm





**113614<sup>#</sup>** Starter 12 V, 1.7 kW  
 Replacing: S114-757, S114-756, S114-755  
 Servicing: Mercury, Nissan  
 B+ M8, Total length 227.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 61.00 B: 55.00 mm



**113661** Starter 12 V, 0.8 kW  
 Replacing: S114-613A, S114-613  
 Servicing: Yanmar  
 B+ M8, Total length 190.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 80.00 B: 12.00 mm



**113675** Starter 24 V, 4.0 kW  
 Replacing: S25-505G, S25-505E, S25-505C,  
 S25-505A, S25-501B, S25-501A, S25-501, S25-  
 171, S25-168A, S25-168  
 Servicing: Isuzu, Nissan  
 B+ M8, Total length 235.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 92.00 B: 44.10 mm



**113680** Starter 12 V, 0.9 kW  
 Replacing: S114-656A, S114-656, S114-203  
 Servicing: Yanmar  
 B+ M8, Total length 189.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 88.70 B: 16.00 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)



**113962** Starter 12 V, 0.9 kW  
 Replacing: S114-943A, S114-943, S114-938,  
 S114-906, S114-905  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mounting holes 2 (1)  
 A: 64.10 B: 10.00 mm



**114032** Starter 12 V, 2.5 kW  
 Replacing: S13-557, S13-556, S13-527B, S13-  
 527A, S13-527  
 Servicing: Nissan, Opel, Renault, Renault  
 V.I., Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 11.00 mm



**114098** Starter 12 V, 3.0 kW  
 Replacing: S13-160  
 Servicing: Gehl, Yanmar  
 B+ M8, 30h M8, Total length 256.30,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.80 B: 20.70 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114213<sup>\*</sup>** Starter 12 V, 2.0 kW  
 Replacing: S13-407A  
 Servicing: Thermo King  
 Mounting holes 2 (0)  
 A: 95.00 B: 19.50 mm



**114253** Starter 12 V, 2.0 kW  
 Replacing: S13-407A  
 Servicing: Thermo King  
 B+ M8, Total length 213.00,  
 Gear type GR, Mounting holes 2 (0)  
*OE Hitachi.*  
 A: 95.00 B: 21.30 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114261** Starter 12 V, 1.0 kW  
 Replacing: S114-221J, S114-221H, S114-  
 221G, S114-221F, S114-221E, S114-221  
 Servicing: Mercury  
 Mounting holes 2 (2)



**114281** Starter 12 V, 1.7 kW  
 Replacing: S114-883  
 Servicing: Case, New Holland, Yanmar  
 B+ M8, Total length 192.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 54.00 mm



**114308** Starter 12 V, 1.4 kW

Replacing: S114-875

Servicing: Audi, VW

B+ M8, 15a M5, Total length 235.00,  
Mounting holes 2 (0)

B: 52.00 mm



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114378** Starter 24 V, 4.5 kW

Replacing: S25-177B

Servicing: Isuzu

Total length 295.70, Gear type GR,  
Mounting holes 2 (0)

A: 95.00 B: 18.00 mm



**NEW PRODUCT**

[www.hc-cargo.com](http://www.hc-cargo.com)

**114401\*** Starter 12 V, 1.2 kW

Replacing: S114-821A, S114-821

Servicing: John Deere

Mounting holes 2 (2)



**114422** Starter 24 V, 6.0 kW

Replacing: S210-100

Servicing: Nissan

B+ M10, Total length 324.50,  
Mounting holes 3 (0)

A: 122.00 B: 41.00 mm


**110160** Starter 12 V, 1.2 kW

Replacing: AZE2545, 11.130.777

Servicing: Volvo

 B+ M8, Total length 232.25,  
 Gear type DD, Mounting holes 2 (2)  
 A: 82.45 B: 35.00 mm

**110205** Starter 24 V, 6.5 kW

Replacing: AZK5187, 11.139.028

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 89.00 B: 47.50 mm

**110206** Starter 24 V, 5.4 kW

 Replacing: AZK5545, AZK5401, 11.139.506,  
 11.130.041

 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.50 mm

**110210** Starter 24 V, 6.6 kW

Replacing: AZK5191, 11.139.032

 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 48.50 mm

**110212** Starter 24 V, 6.6 kW

Replacing: AZK5172, 11.139.012

Servicing: Iveco, Scania

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.65 mm

**110213** Starter 24 V, 6.6 kW

Replacing: AZK5179, 11.139.020

Servicing: Fiat, Iveco

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 115.00 B: 20.80 mm

**110338** Starter 12 V, 0.8 kW

 Replacing: AZE1520, AZE1501, AZE1211,  
 AZE0201, AZB0101, 11.130.964, 11.130.519,  
 11.130.321

Servicing: Fiat, Lancia, Zastava

 B+ M8, Total length 254.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.90 B: 12.00 mm

**110351** Starter 12 V, 1.3 kW

 Replacing: AZF3555, AZE2512, 11.130.593,  
 11.130.505

Servicing: Lada

 B+ M8, Total length 245.00,  
 Gear type DD, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140043.  
 A: 83.00 B: 34.00 mm

**110365** Starter 12 V, 0.8 kW

 Replacing: AZE3514, AZE1528, AZE1516,  
 AZE1214, 11.130.967, 11.130.586,  
 11.130.487, 11.130.219

Servicing: Autobianchi, Fiat, Lancia, Seat

 B+ M8, Total length 236.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 62.00 B: 12.50 mm

**110367** Starter 12 V, 1.0 kW

 Replacing: AZF3509, AZE3517, AZE3512,  
 AZE3506, 11.130.362, 11.130.234,  
 11.130.217, 11.130.193, 11.130.162

Servicing: Dacia, DAF, Renault, Volvo

 B+ M8, Total length 200.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 66.00 B: 10.50 mm

**110368** Starter 12 V, 2.3 kW

 Replacing: AZJ3567, AZJ3312, AZJ3311,  
 AZJ3107, 11.130.886, 11.130.885,  
 11.130.399, 11.130.300

Servicing: Audi, Mercedes-Benz, Seat, Volvo

 B+ M10, Total length 289.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 82.50 B: 21.00 mm

**110409** Starter 12 V, 3.0 kW

Replacing: AZK5487, 11.139.140

Servicing: Kaelble, Mack, Sennebogen

 B+ M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm




**110439** Starter 12 V, 2.0 kW

Replacing: AZK5111, AZJ3544, AZJ3531, AZJ3248, AZJ3114, AZJ0404, 11.130.711, 11.130.408, 11.130.194

Servicing: Buhrer, Compair, Eicher, Massey Ferguson

 B+ M8, Total length 309.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 25.00 mm

**110442** Starter 12 V, 2.1 kW

Replacing: AZJ3447, 11.131.635

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.90 B: 30.00 mm

**110449** Starter 12 V, 3.6 kW

Replacing: AZK5133, 11.139.038, 11.130.320

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

 B+ M8, Total length 370.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.90 B: 48.75 mm

**110461** Starter 12 V, 2.8 kW

Replacing: AZJ3279, 11.130.769

Servicing: Ford, Lancer Boss

 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 21.00 mm

**110462** Starter 12 V, 2.8 kW

Replacing: AZJ3198, AZJ3182, 11.130.624, 11.130.579

Servicing: Buhrer, Ford, Matbro, New Holland

 B+ M8, Total length 319.45,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 20.00 mm

**110464** Starter 12 V, 2.1 kW

Replacing: AZJ3324, 11.130.795

Servicing: Carbodies, DAF, Lancer Boss

 B+ M8, Total length 336.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm

**110517** Starter 24 V, 3.2 kW

Replacing: AZJ3542, AZJ3520, 11.130.216, 11.130.146

Servicing: Benfra, Fiat-Allis, Iveco

 B+ M10, Total length 295.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 25.00 mm

**110518** Starter 24 V, 4.0 kW

Replacing: AZJ3515, AZJ3460, AZJ3131, 11.139.454, 11.130.490, 11.130.124

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm

**110519** Starter 12 V, 3.0 kW

Replacing: AZJ3299, 11.130.862

Servicing: Iveco, Volvo

 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm

**110520** Starter 24 V, 4.0 kW

Replacing: AZK5119, AZJ3593, 11.130.364, 11.130.170, 11.130.121

Servicing: Cummins, Fiat-Allis

 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.50 mm

**110521** Starter 24 V, 4.0 kW

Replacing: AZJ3546, AZJ3459, AZJ3133, AZF3542, 11.139.453, 11.130.492, 11.130.225

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 27.00 mm

**110522** Starter 12 V, 3.0 kW

Replacing: AZJ3594, AZJ3461, AZJ3237, 11.139.455, 11.130.697, 11.130.366

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: AZJ3518, AZJ3132, 11.130.491, 11.130.172, 11.130.141, 11.130.075

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: AZJ3589, AZJ3549, AZJ3113, AZJ0501, 11.130.407, 11.130.339, 11.130.230, 11.130.010

Servicing: Mercedes-Benz

B+ M10, Total length 341.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: AZJ3548, AZJ3118, 11.130.412, 11.130.229

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 341.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: AZJ3263, 11.130.743

Servicing: Scania, Steyr

B+ M10, Total length 342.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: AZJ3582, AZJ3535, AZJ3517, AZJ3116, AZJ3110, 11.130.410, 11.130.403, 11.130.322, 11.130.199

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50, Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: AZJ3556, AZJ3537, AZJ3503, AZJ3149, 11.130.521, 11.130.253, 11.130.201, 11.130.083

Servicing: Huerlimann, Lamborghini, Same

B+ M10, Total length 342.00, Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 22.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: AZK5173, 11.139.013

Servicing: Iveco

B+ M10, B- M10, Total length 384.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402, 11.130.552, 11.130.551, 11.130.484, 11.130.117

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, Total length 287.50, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110537** Starter 12 V, 3.6 kW

Replacing: AZK5196, AZK5195, AZK5168, AZK5106, AZK5105, 11.139.037, 11.139.036, 11.139.008, 11.130.126

Servicing: Volvo BM

B+ M10, B- M10, Total length 384.50, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: AZJ3599, AZJ3525, AZJ3319, AZJ3234, AZJ3119, 11.130.897, 11.130.692, 11.130.414, 11.130.376

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Total length 335.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110551** Starter 12 V, 3.0 kW

Replacing: AZJ3285, 11.130.821  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: AZJ3598, AZJ3536, AZJ3305,  
 AZJ3203, AZJ3144, AZJ3121, AZJ3117,  
 AZJ3105, AZJ0405, 11.130.872  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm


**110584** Starter 12 V, 1.2 kW

Replacing: AZE1523, AZE1521, AZE1507,  
 AZE1502, AZE1212, AZD3515, AZD2119,  
 11.139.404, 11.131.764, 11.130.965  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 66.00 B: -7.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: AZF3558, AZF3531, AZF3512,  
 AZE1203, 11.130.790, 11.130.582,  
 11.130.346, 11.130.208  
 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15,  
 Gear type DD, Mounting holes 4 (4)  
 A: 66.00 B: -2.00 mm


**110587** Starter 12 V, 1.2 kW

Replacing: AZF3551, AZF3528, AZF3515,  
 11.130.418, 11.130.338, 11.130.233  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20,  
 Gear type DD/GR, Mounting holes 3 (3)  
 A: 66.00 B: -4.00 mm


**110608** Starter 12 V, 0.5 kW

Replacing: 11.130.002  
 Servicing: Fiat  
 B+ M8, Total length 233.75,  
 Gear type DD, Mounting holes 3 (0)  
 A: 61.90 B: 7.70 mm


**110615** Starter 12 V, 2.8 kW

Replacing: AZJ3369, AZJ3151, 11.131.070,  
 11.130.526  
 Servicing: Agco Allis, Agco White, Allis  
 Chalmers, Atlas Copco, JCB, Massey  
 Ferguson, Perkins  
 B+ M8, Total length 312.25,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.60 mm


**110640** Starter 12 V, 3.0 kW

Replacing: AZJ3534, AZJ3516, AZJ3115,  
 11.130.409, 11.130.198, 11.130.127  
 Servicing: Allis Chalmers, Fiat, Fiat-Allis,  
 Long  
 B+ M10, Total length 310.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.00 mm


**110793** Starter 12 V, 0.9 kW

Replacing: AZF3543, AZF3518, 11.130.375,  
 11.130.245  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 66.00 B: 22.00 mm


**110807** Starter 12 V, 0.85 kW

Replacing: AZE1540, 11.130.809  
 Servicing: Ford, Kia, Mazda, Opel  
 B+ M8, Total length 197.25,  
 Gear type DD, Mounting holes 2 (0)  
 A: 70.00 B: 20.50 mm


**110813** Starter 12 V, 2.7 kW

Replacing: AZJ3538, AZJ3458, AZE6531,  
 11.139.452, 11.131.603, 11.130.203  
 Servicing: Agrifull, Allis Chalmers, Benfra,  
 Fiat, Fiat-Allis, Goldoni, Iveco, Skoda, VW  
 B+ M10, Total length 294.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 25.00 mm


**110814** Starter 12 V, 2.7 kW

Replacing: AZJ3514, AZJ3137, 11.130.500,  
 11.130.123  
 Servicing: Alfa Romeo, Benfra, Fiat, Iveco,  
 Lancia, Massey Ferguson, Renault  
 B+ M10, Total length 296.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.80 mm




**110818** Starter 12 V, 2.1 kW

Replacing: AZJ3347, AZJ3204, 11.130.972, 11.130.630

 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 24.60 mm

**110819** Starter 12 V, 2.8 kW

Replacing: AZJ3389, AZJ3206, AZJ3148, 11.131.162, 11.130.632, 11.130.520

 Servicing: Eicher, Massey Ferguson, Perkins  
 B+ M8, Total length 311.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 22.25 mm

**110839** Starter 12 V, 1.7 kW

Replacing: AZE2507, 11.130.558

 Servicing: Opel, Vauxhall  
 B+ M8, Total length 269.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.00 B: 19.60 mm

**110847** Starter 12 V, 1.4 kW

Replacing: AZE2525, 11.130.651

 Servicing: Ford, Opel, Saab, Toyota, Vauxhall  
 B+ M8, Total length 242.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.50 B: 19.00 mm

**110856** Starter 12 V, 0.6 kW

Replacing: AZE0303, 11.130.134, 11.130.034

 Servicing: Renault  
 B+ M8, Total length 208.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 66.00 B: 21.00 mm

**110866** Starter 12 V, 0.9 kW

Replacing: AZF3545, 11.130.378, 11.103.234

 Servicing: Renault  
 B+ M8, Total length 197.65,  
 Gear type DD, Mounting holes 3 (2)  
 A: 66.00 B: 10.50 mm

**110867** Starter 12 V, 1.7 kW

Replacing: AZE2523, 11.130.647

 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 14.25 mm

**110980** Starter 24 V, 5.4 kW

Replacing: AZK5188, 11.139.029

 Servicing: Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm

**110981** Starter 24 V, 5.4 kW

Replacing: AZK5184, 11.139.025

 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 47.50 mm

**111001** Starter 12 V, 3.0 kW

Replacing: AZJ3557, AZJ3320, AZF4220, 11.131.829, 11.130.898, 11.130.254

 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 320.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 20.60 mm

**111015** Starter 12 V, 1.1 kW

Replacing: AZD2127, 11.131.928

 Servicing: Lombardini  
 B+ M8, Total length 216.25,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 15.00 mm

**111025** Starter 12 V, 0.8 kW

Replacing: AZE1531, AZE1215, 11.130.968, 11.130.661

 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 199.25,  
 Gear type DD, Mounting holes 3 (2)  
 A: 64.00 B: 11.00 mm


**111029** Starter 12 V, 1.4 kW

Replacing: AZE2548, 11.130.787

 Servicing: Citroen, Nissan, Peugeot, Rover  
 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 62.00 B: -3.00 mm

**111047** Starter 12 V, 3.1 kW

Replacing: AZJ3333, 11.130.811

 Servicing: Volvo, Volvo Penta  
 B+ M8, 15a 6.30, Total length 302.75,  
 Gear type GR, Mounting holes 3 (0),  
 Insulated return  
 A: 88.85 B: 47.70 mm

**111055** Starter 12 V, 0.7 kW

 Replacing: AZE1526, AZE1522, AZE1213,  
 AZD3508, 11.130.966, 11.130.580,  
 11.130.544, 11.130.266

 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 67.95 B: 18.25 mm

**111056** Starter 12 V, 0.8 kW

Replacing: AZF3534, 11.130.352

 Servicing: Opel, Vauxhall  
 B+ M8, Total length 243.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.40 B: 17.00 mm

**111058** Starter 12 V, 0.8 kW

Replacing: AZF3524

 Servicing: Audi, Seat, VW  
 B+ M8, 15a 6.30, Total length 215.50,  
 Gear type DD, Mounting holes 3 (2)  
 Bushing d.e. (clutch house): Cargo 140500.  
 A: 82.35 B: 14.75 mm

**111059** Starter 12 V, 0.9 kW

Replacing: AZD3520, 11.139.418

 Servicing: Seat, VW  
 B+ M8, 15a 6.30, Total length 230.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140008.  
 A: 76.00 B: 33.00 mm

**111060** Starter 12 V, 1.7 kW

Replacing: AZE2536, 11.130.722

 Servicing: VW  
 B+ M8, Total length 264.35,  
 Gear type GR, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 31.80 mm

**111064** Starter 12 V, 1.05 kW

 Replacing: AZF3559, AZF3517, AZE3559,  
 11.130.590, 11.130.244

 Servicing: Renault, Volvo  
 B+ M8, Total length 207.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.90 B: 11.00 mm

**111065** Starter 12 V, 2.2 kW

Replacing: AZE4527, 11.139.305

 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong  
 B+ M8, Total length 276.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.30 B: 26.50 mm

**111068** Starter 12 V, 0.85 kW

 Replacing: AZF3549, AZE3513, AZE0304,  
 11.130.395, 11.130.218, 11.130.029

 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 212.25,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.85 B: 15.65 mm

**111069** Starter 12 V, 1.7 kW

 Replacing: AZE2577, AZE2540, 11.130.910,  
 11.130.772

 Servicing: VW  
 B+ M8, Total length 290.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.40 B: 42.50 mm

**111070** Starter 12 V, 1.7 kW

Replacing: AZE3521, AZE2521, 11.130.642

 Servicing: Citroen, Fiat, Hyundai, Lancia,  
 Peugeot, Suzuki, Talbot  
 B+ M8, Total length 280.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -6.50 mm


**111100** Starter 12 V, 0.7 kW

Replacing: ZB4-12/06-9, AZE0305, 11.130.007, 10.130.172

Servicing: Citroen

B+ M8, Total length 207.75, Gear type DD, Mounting holes 2 (0)

A: 65.60 B: 19.80 mm


**111109** Starter 12 V, 2.0 kW

Replacing: AZJ3591

Servicing: Peugeot, Talbot

B+ M8, Total length 293.00, Gear type DD, Mounting holes 3 (0)

A: 89.15 B: 21.25 mm


**111123** Starter 12 V, 0.9 kW

Replacing: AZE1515, AZE1216, AZD2108, 11.131.622, 11.130.969

Servicing: Chevrolet, Daewoo, Opel, Vauxhall

B+ M8, Total length 208.00, Gear type GR, Mounting holes 2 (0)

A: 67.95 B: 18.55 mm


**111130** Starter 12 V, 1.1 kW

Replacing: AZD3513, 11.139.402

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Total length 198.50, Clutch type Wet, Gear type GR, Mounting holes 3 (3)

A: 65.90 B: -4.00 mm


**111131** Starter 12 V, 0.8 kW

Replacing: AZE1210, 11.130.963, 11.130.483

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75, Gear type DD, Mounting holes 3 (3)

A: 76.15 B: 13.45 mm


**111217** Starter 12 V, 3.0 kW

Replacing: AZK5511, AZK5457, AZK5449, AZK5192, AZK5112, 11.139.108, 11.139.098, 11.139.033, 11.130.142

Servicing: Volvo, Volvo BM

B+ M10, B- M10, Total length 383.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**111218** Starter 24 V, 5.4 kW

Replacing: AZK5431, 11.139.077

Servicing: Volvo Penta

B+ M10, B- M10, Total length 388.00, Gear type DD, Mounting holes 3 (0), Insulated return

A: 89.00 B: 47.00 mm


**111224** Starter 12 V, 4.0 kW

Replacing: AZJ3297, AZJ3215, 11.130.860, 11.130.663

Servicing: John Deere

B+ M10, Total length 402.50, Gear type GR, Mounting holes 3 (0), Oil sealed

Replacing: 37MT.

A: 88.90 B: 47.60 mm


**111228** Starter 12 V, 1.1 kW

Replacing: AZF3547, 11.130.392

Servicing: Fiat, Lancia

B+ M8, Total length 219.00, Gear type DD, Mounting holes 3 (3)

A: 64.00 B: 12.40 mm


**111231** Starter 24 V, 6.6 kW

Replacing: AZK5189, 184452, 11.139.030

Servicing: Renault V.I.

B+ M10, B- M10, Total length 405.00, Gear type DD, Mounting holes 3 (0), Insulated return

A: 89.00 B: 40.25 mm


**111251** Starter 12 V, 1.1 kW

Replacing: AZE1209, AZD3514, 11.139.403, 11.130.956

Servicing: Dacia, Renault, Volvo

B+ M8, Total length 208.20, Gear type GR, Mounting holes 4 (4)

A: 66.00 B: -2.00 mm


**111304** Starter 12 V, 1.9 kW

Replacing: AZJ3255, 11.130.732

Servicing: Sabb

B+ M10, Total length 194.75, Gear type DD, Mounting holes 2 (0)

A: 82.50 B: 20.70 mm




**111332** Starter 12 V, 2.7 kW

Replacing: AZJ3244, AZJ3219, AZJ3218, 11.130.706, 11.130.670, 11.130.669

Servicing: Fendt, Renault

 B+ M8, Total length 293.55,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 21.00 mm


**111398** Starter 12 V, 1.1 kW

Replacing: AZF3566, AZE2160, 11.131.285, 11.130.782

Servicing: BUKH

 B+ M8, Total length 215.00,  
 Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 21.00 mm


**111422** Starter 12 V, 0.8 kW

Replacing: AZE1511, AZE1202, 11.130.763, 11.130.421

Servicing: Fiat, Lancia

 B+ M8, Total length 206.00,  
 Gear type DD, Mounting holes 3 (1)

A: 64.00 B: 11.50 mm


**111461** Starter 12 V, 2.2 kW

Replacing: AZE4635, 11.139.413

Servicing: Dodge, Hyundai, Mitsubishi

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)

A: 77.00 B: 3.50 mm


**111638** Starter 24 V, 4.0 kW

Replacing: AZJ3231, 11.130.687

Servicing: Volvo

 B+ M10, 15a M4, Gear type DD,  
 Mounting holes 3 (0)

A: 89.00 B: 47.70 mm


**111640** Starter 24 V, 4.0 kW

Replacing: AZJ3393, AZJ3387, AZJ3160, 11.131.177, 11.131.143, 11.130.537

Servicing: MAN

 B+ M10, Total length 338.50,  
 Gear type DD, Mounting holes 3 (0)

A: 88.50 B: 28.00 mm


**111641** Starter 12 V, 0.9 kW

Replacing: AZE1225, 11.131.088

Servicing: Nissan, Renault

 B+ M8, Total length 195.50,  
 Gear type GR, Mounting holes 2 (1)

A: 64.00 B: 0.50 mm


**111685** Starter 12 V, 1.4 kW

Replacing: AZE2204, 11.139.433

Servicing: Alfa Romeo, Fiat, Lancia

 B+ M8, Total length 211.80,  
 Gear type GR, Mounting holes 3 (0)

A: 65.90 B: 10.80 mm


**111690** Starter 12 V, 1.1 kW

Replacing: AZD3517, 11.139.409

Servicing: Opel, Vauxhall

 B+ M8, Total length 193.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)

A: 78.00 B: 19.50 mm


**111693** Starter 12 V, 2.5 kW

Replacing: AZJ3156, 11.130.532

Servicing: Fiat, Iveco, Multicar

 B+ M10, Total length 295.65,  
 Gear type DD/GR, Mounting holes 3 (1)

A: 110.00 B: 21.65 mm


**111694** Starter 12 V, 1.8 kW

Replacing: AZE2578, AZE2541, 11.130.911, 11.130.773

Servicing: Audi, Ferrari, Seat, Skoda, VW

 B+ M8, Total length 270.00,  
 Gear type GR, Mounting holes 2 (2)

A: 82.00 B: 16.00 mm


**111748** Starter 12 V, 1.1 kW

Replacing: AZE2563, AZD3519, 11.139.415, 11.130.854

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Total length 223.00,  
 Gear type GR, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 33.00 mm


**111749** Starter 12 V, 1.1 kW

Replacing: AZE2543, 11.130.775  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.00 mm


**111752** Starter 12 V, 2.7 kW

Replacing: AZJ3314, AZJ3242, 11.130.889,  
 11.130.704  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm


**111755** Starter 12 V, 3.0 kW

Replacing: AZJ3283, AZJ3274, AZJ3181,  
 AZJ3158, AZJ3157, AZF4596, AZF4521,  
 11.131.374, 11.130.819, 11.130.793  
 Servicing: John Deere  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 34.00 mm


**111771** Starter 24 V, 6.2 kW

Replacing: AZG4605, 11.131.016  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm


**111848** Starter 12 V, 1.0 kW

Replacing: AZE2113, 11.131.010  
 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.50 B: 19.00 mm


**111851** Starter 12 V, 2.0 kW

Replacing: AZE2206, 11.139.435  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 25.50 mm


**111855** Starter 12 V, 2.2 kW

Replacing: AZE4535, AZE4202, 11.131.951,  
 11.131.109  
 Servicing: KHD  
 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 23.00 mm


**111885** Starter 12 V, 3.1 kW

Replacing: AZJ3236, AZJ3216, 11.130.695,  
 11.130.664  
 Servicing: Case  
 B+ M10, Total length 332.50,  
 Gear type DD, Mounting holes 3 (0)  
 Oilproof and waterproof.  
 A: 89.00 B: 48.00 mm


**111900** Starter 12 V, 1.8 kW

Replacing: AZE2624, 11.131.055  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 53.00 mm


**111904** Starter 12 V, 1.8 kW

Replacing: AZE2665, 11.139.439  
 Servicing: Seat, VW  
 B+ M8, Total length 247.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 66.00 B: 46.70 mm


**111909** Starter 12 V, 1.1 kW

Replacing: AZE2623, 11.131.054  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.25 B: 32.00 mm


**111910** Starter - not insulated 24 V,  
 6.7 kW

Replacing: AZJ3450, 11.139.164  
 Servicing: Scania  
 B+ M12, 30h M12, Total length 429.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm



9,11


**111982** Starter 24 V, 4.0 kW

Replacing: AZF4507, 11.130.728

Servicing: Mercedes-Benz

 B+ M10, Total length 317.50,  
 Gear type GR, Mounting holes 3 (0)

A: 88.75 B: 45.00-49.00 mm



10


**112005** Starter 12 V, 1.1 kW

Replacing: AZE2634, 11.131.137

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 211.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)

A: 76.00 B: 52.00 mm



9,10


**112034** Starter 12 V, 1.7 kW

Replacing: AZE2636, 11.131.157

 Servicing: ACME, Arona, BCS, Ferrari,  
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini,  
 VW

 B+ M8, Total length 233.30,  
 Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 27.00 mm



9


**112039** Starter 12 V, 2.7 kW

Replacing: AZJ3192, 11.130.612

 Servicing: Fendt, Jenbacher Werke, KHD,  
 Lombardini

 B+ M8, Total length 295.00,  
 Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 24.00 mm



11


**112041** Starter 12 V, 2.2 kW

Replacing: AZJ3177, 11.130.565

Servicing: KHD

 B+ M10, Total length 293.00,  
 Gear type DD, Mounting holes 3 (0)

A: 82.50 B: 21.00 mm



9,10,11


**112053** Starter 12 V, 2.2 kW

Replacing: AZE6514, AZE4112, 11.131.477

Servicing: Citroen, Peugeot

 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 3 (3)

A: 74.00 B: -6.00 mm



9


**112071** Starter 12 V, 3.0 kW

 Replacing: AZF4514, AZF4197, AZF4194,  
 11.131.769, 11.131.754, 11.130.841

Servicing: Deutz-Fahr

 B+ M10, Total length 315.80,  
 Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 28.80 mm



10


**112074** Starter 12 V, 3.1 kW

Replacing: AZJ3201, 11.131.705, 11.130.627

Servicing: Ford, New Holland

 B+ M8, Gear type DD,  
 Mounting holes 3 (0)

A: 92.00 B: 21.00 mm



12


**112116** Starter 24 V, 6.6 kW

Replacing: AZK5456, 11.139.107

Servicing: Volvo

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 47.00 mm



11


**112119** Starter 24 V, 6.6 kW

Replacing: AZK5181, 11.139.022

Servicing: Scania

 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 41.00 mm



10


**112131** Starter 12 V, 1.4 kW

Replacing: AZE2558, 11.130.845

Servicing: VW

 B+ M8, 15a 6.30, Total length 244.00,  
 Gear type GR, Mounting holes 2 (0)

*Bushing D.E. (clutch house): Cargo 140018.*

A: 76.00 B: 52.00 mm



9


**112132** Starter 24 V, 4.0 kW

Replacing: AZJ3277, 11.130.766

Servicing: Volvo BM

 B+ M10, Total length 339.00,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed

A: 88.70 B: 47.00 mm





**112133** Starter 12 V, 1.7 kW  
 Replacing: AZE2579, AZE2544, 11.130.912, 11.130.776  
 Servicing: Seat, VW  
 B+ M8, Total length 282.50,  
 Gear type GR, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.50 mm



**112173** Starter 12 V, 2.7 kW  
 Replacing: AZJ3554, AZJ3258, 11.130.736, 11.130.250  
 Servicing: Bertolini, BMW, Hatz, VM (Stabilimenti Mec)  
 B+ M10, Total length 342.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.50 B: 20.00 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: AZJ3217, 11.130.665  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 A: 89.00 B: 46.50 mm



**112135** Starter 12 V, 3.1 kW  
 Replacing: AZJ3317, AZJ3243, 11.130.895, 11.130.705  
 Servicing: Case  
 B+ M10, Total length 315.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 22.00 mm



**112218** Starter 12 V, 1.0 kW  
 Replacing: AZE1244, 11.139.449  
 Servicing: Renault  
 B+ M8, Total length 168.25,  
 Gear type GR, Mounting holes 3 (3)  
 A: 60.45 B: -1.00 mm



**112286** Starter 12 V, 1.7 kW  
 Replacing: AZE2626, AZE2537, 11.131.057, 11.130.723  
 Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW  
 B+ M8, Total length 236.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.10 B: 32.00 mm



**112136** Starter 12 V, 2.8 kW  
 Replacing: AZJ3318, 11.130.896  
 Servicing: Massey Ferguson  
 B+ M8, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 48.30 mm



**112249** Starter 12 V, 2.7 kW  
 Replacing: AZJ3197, AZJ3155, 11.130.620, 11.130.531  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 295.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 21.50 mm



**112290** Starter 12 V, 2.2 kW  
 Replacing: AZE4102, 11.139.411  
 Servicing: Ford, Mazda  
 B+ M8, Total length 257.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 9.00 mm



**112171** Starter 12 V, 1.1 kW  
 Replacing: AZE2617, 11.131.002  
 Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 28.00 mm



**112251** Starter 12 V, 2.3 kW  
 Replacing: AZE4562, AZE4101, 11.139.410, 11.139.331  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 91.90 B: 19.00 mm



**112295** Starter 12 V, 1.7 kW  
 Replacing: AZE2522, 11.130.646  
 Servicing: Mitsubishi, Renault, Volvo  
 B+ M8, Total length 265.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -0.50 mm


**112304** Starter 12 V, 1.8 kW

Replacing: AZE2502, 11.130.417

Servicing: Lada

 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 35.00 mm

**112306** Starter 12 V, 1.1 kW

Replacing: AZE2640, 11.131.178

Servicing: VW

 B+ M8, Total length 254.00,  
 Gear type GR, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.00 mm

**112307** Starter 12 V, 1.1 kW

Replacing: AZE2147, 11.139.327

Servicing: Seat, VW

 B+ M8, Total length 234.00,  
 Gear type GR, Mounting holes 4 (2)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 82.50 B: 2.00 mm

**112320** Starter 12 V, 1.4 kW

 Replacing: AZE2169, AZE2150, 11.139.401,  
 11.139.334

Servicing: Opel, Vauxhall

 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 77.90 B: 19.50 mm

**112379** Starter 12 V, 1.8 kW

Replacing: AZE2110, 11.130.996

Servicing: Fiat

 B+ M8, Total length 221.35,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 A: 82.00 B: 10.00 mm

**112390** Starter 12 V, 1.0 kW

Replacing: AZE1227, 11.131.100

Servicing: Lister

 B+ M8, 15a 4.70, Total length 210.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 27.00 mm

**112391** Starter 12 V, 1.0 kW

Replacing: AZE1219, 11.131.042

Servicing: Lister

 B+ M8, Total length 211.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 26.90 mm

**112436** Starter 12 V, 2.3 kW

Replacing: AZE6513, 11.131.476

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 273.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.50 B: 21.50 mm

**112474** Starter 12 V, 1.8 kW

Replacing: AZE2188, 11.139.423

 Servicing: Nissan, Opel, Renault, Vauxhall,  
 Volvo

 B+ M8, Total length 238.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (2)  
 B: -2.00 mm

**112494** Starter 24 V, 4.0 kW

 Replacing: AZF4515, AZF4198, 11.131.770,  
 11.130.842

Servicing: Volvo

 B+ M10, Total length 316.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 29.00 mm

**112496** Starter 12 V, 2.0 kW

 Replacing: AZE2141, AZE2105, 11.131.164,  
 11.130.979

Servicing: Farymann

 B+ M8, Total length 269.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 82.50 B: 14.50 mm

**112498** Starter 24 V, 4.0 kW

Replacing: AZF4237, 11.131.846

Servicing: Iveco

 B+ M10, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 49.00 mm


**112534** Starter 12 V, 2.0 kW

Replacing: AZE2155, 11.131.267

Servicing: JCB, KHD, Perkins

B+ M8, Total length 239.00,

Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 18.00 mm


**112545** Starter 12 V, 1.4 kW

Replacing: AZE2117, 11.131.052

Servicing: Lister

B+ M8, Total length 187.00,

Clutch type Wet, Gear type GR, Mounting holes 2 (2)

A: 89.00 B: 27.00 mm


**112553** Starter 12 V, 1.7 kW

Replacing: AZE2210, 11.139.447

Servicing: Alpina-BMW, BMW

B+ M8, 30h M5, Total length 269.00,

Gear type GR, Mounting holes 2 (2)

A: 76.05 B: 21.50 mm


**112555** Starter 12 V, 3.1 kW

Replacing: AZJ3179, 11.130.567

Servicing: Bosch, Deutz-Fahr, Fendt, Irmer, Jenbacher Werke, KHD, Kramer, Linde

B+ M10, Total length 303.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.50 mm


**112581** Starter 24 V, 6.2 kW

Replacing: AZJ3452, AZJ3448, 11.139.165, 11.139.163

Servicing: DAF

B+ M12, Total length 380.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 48.00 mm


**112651** Starter 24 V, 4.8 kW

Replacing: AZJ3221, AZJ0602, 11.130.672, 11.130.030, 11.130.003

Servicing: Bosch, KHD

B+ M10, Total length 351.50,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**112660** Starter 12 V, 2.8 kW

Replacing: AZJ3364, 11.131.038

Servicing: Case

B+ M10, Total length 333.00,

Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 48.00 mm


**112670** Starter 24 V, 4.0 kW

Replacing: AZJ3351, 11.130.993

Servicing: DAF, Hanomag, Mercedes-Benz, Perkins

B+ M10, Total length 341.00,

Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 28.50 mm


**112821** Starter 12 V, 2.2 kW

Replacing: AZE2226, AZE2189, 11.139.459, 11.139.424

Servicing: Ford, Jaguar

B+ M8, Total length 250.80,

Clutch type Wet, Gear type GR, Mounting holes 2 (0)

B: 36.00 mm


**113007** Starter 24 V, 4.0 kW

Replacing: AZJ3214, AZF4573, 11.131.274, 11.130.797, 11.130.662

Servicing: John Deere

B+ M10, Total length 338.50, Cl

utch type Wet, Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 33.00 mm


**113134** Starter 12 V, 2.2 kW

Replacing: AZE4564, 11.139.333

Servicing: Renault, Renault V.I., Vauxhall

B+ M8, Total length 272.00,

Gear type GR, Mounting holes 3 (0)

A: 109.70 B: 27.00 mm


**113181** Starter 12 V, 2.3 kW

Replacing: AZE6554, AZE4566, 11.131.948, 11.131.223

Servicing: Bomag, JCB, KHD

B+ M8, Total length 258.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 23.25 mm




**113182** Starter 12 V, 3.0 kW

Replacing: AZF4155, 11.131.604  
 Servicing: New Holland  
 B+ M10, Total length 320.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 110.00 B: 30.00 mm


**113276** Starter 12 V, 1.1 kW

Replacing: AZD2126, 11.131.903  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 67.90 B: 18.00 mm


**113281** Starter 12 V, 1.1 kW

Replacing: AZE2211, 11.139.448  
 Servicing: MG, Rover  
 B+ M8, Total length 231.40,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 43.00 mm


**113346** Starter 12 V, 0.8 kW

Replacing: AZJ3281, 11.130.783  
 Servicing: MG, Rover  
 B+ M8, Total length 210.50,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 67.00 B: 39.50 mm


**113356** Starter 24 V, 3.5 kW

Replacing: AZJ3223, 11.130.676  
 Servicing: Belarus, GAZ, ZIL  
 B+ M10, Total length 235.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 99.90 B: 32.00 mm


**113381** Starter 12 V, 2.5 kW

Replacing: AZJ3462, AZJ3195, AZJ3145,  
 11.139.456, 11.130.618, 11.130.510  
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 109.70 B: 26.00 mm


**113387** Starter 12 V, 2.0 kW

Replacing: AZE2625, 11.131.056  
 Servicing: Seat, VW  
 B+ M8, Total length 238.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 54.00 mm


**113389** Starter 12 V, 2.2 kW

Replacing: AZE4140, 11.139.441  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.40 B: 25.00 mm


**113429** Starter 12 V, 4.2 kW

Replacing: AZF4611, AZF4577, 11.131.300,  
 11.131.117  
 Servicing: Case, Cummins  
 B+ M10, Total length 326.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 91.90 B: 47.50 mm


**113430** Starter 12 V, 1.8 kW

Replacing: AZE2111, 11.130.997  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 226.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 81.50 B: 9.50 mm


**113443** Starter 12 V, 1.4 kW

Replacing: AZE2534, 11.130.716  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 62.10 mm


**113451** Starter 12 V, 2.2 kW

Replacing: AZE4142, 11.139.443  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.50 B: 23.00 mm


**113454<sup>#</sup>** Starter 12 V, 3.1 kW

 Replacing: AZJ3226, 11.130.679  
 Servicing: Bobcat, Clark, Johnson, Massey Ferguson

 B+ M10, Total length 331.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.85 B: 48.00 mm

**113459** Starter 12 V, 2.0 kW

 Replacing: AZE2138, 11.131.136  
 Servicing: Lister

 B+ M8, Total length 220.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)  
 A: 88.80 B: 27.00 mm

**113464** Starter 24 V, 4.0 kW

 Replacing: AZJ3522, AZJ3222, 11.130.673,  
 11.130.151

Servicing: ABG, Irmer, Iveco, KHD

 B+ M10, Total length 346.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.80 mm

**113465** Starter 12 V, 3.0 kW

Replacing: AZJ3187, 11.130.596

Servicing: Renault V.I.

 B+ M10, Total length 338.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 22.50 mm

**113466** Starter 24 V, 4.0 kW

 Replacing: AZJ3188, AZF4527, AZF4508,  
 11.130.944, 11.130.729, 11.130.598

Servicing: Renault V.I.

 B+ M10, Total length 316.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 88.90 B: 22.00 mm

**113467** Starter 12 V, 3.7 kW

Replacing: AZJ3196, 11.130.619

Servicing: Atlas Copco, Deutz-Fahr, Iveco

 B+ M10, Total length 346.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 28.00 mm

**113468** Starter 24 V, 4.0 kW

 Replacing: AZJ3404, AZJ3388, AZJ3374,  
 AZJ3199, AZF4509, 11.131.236, 11.131.144,  
 11.131.085, 11.130.730

Servicing: MAN

 B+ M10, Total length 315.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.00 mm

**113478** Starter 12 V, 2.8 kW

 Replacing: AZE4620, AZE4603, AZE4534,  
 11.131.221, 11.131.108, 11.131.063

Servicing: Atlas Copco, John Deere

 B+ M10, 15a M5, Total length 303.50,  
 Gear type DD, Mounting holes 2 (0),  
 Oil sealed  
 A: 82.00 B: 35.00 mm

**113480** Starter 12 V, 1.2 kW

Replacing: AZE2642, 11.131.233

Servicing: Ruggerini

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 31.00 mm

**113481** Starter 12 V, 1.4 kW

 Replacing: AZE2101, AZD3523, 11.139.422,  
 11.130.957

 Servicing: Chrysler, Opel, Renault, Suzuki,  
 Vauxhall

 B+ M8, Total length 231.00,  
 Gear type GR, Mounting holes 4 (4)  
 A: 65.90 B: -1.00 mm

**113482** Starter 12 V, 3.0 kW

Replacing: AZJ3310, 11.130.881

Servicing: Volvo BM

 B+ M10, Total length 338.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 88.75 B: 47.00 mm

**113483<sup>#</sup>** Starter 12 V, 0.9 kW

Replacing: AZE1508, 11.130.404

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 223.75,  
 Gear type DD, Mounting holes 3 (2)  
 Bushing D.E. (clutch house): Cargo 140500.  
 A: 82.00 B: 14.00 mm


**113484** Starter 24 V, 4.0 kW

Replacing: AZJ3186, 11.130.595  
 Servicing: Sisu, Valtra  
 B+ M10, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.85 B: 47.50 mm


**113532** Starter 12 V, 3.0 kW

Replacing: AZJ3284, AZF4582, AZF4559,  
 AZF4510, 11.131.318, 11.131.167,  
 11.130.820, 11.130.748  
 Servicing: Renault  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.50 B: 34.00 mm


**113570** Starter 12 V, 4.2 kW

Replacing: AZF4513, AZF4190, 11.131.727,  
 11.131.542, 11.130.836  
 Servicing: Valtra  
 B+ M10, Total length 321.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.85 B: 48.50 mm


**113605** Starter 12 V, 1.1 kW

Replacing: AZD3522, 11.139.421  
 Servicing: Volvo  
 B+ M8, Total length 216.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -1.70 mm


**113674** Starter 12 V, 2.0 kW

Replacing: AZE2165, 11.131.297  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 246.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.30 B: 18.50 mm


**113678** Starter 12 V, 2.2 kW

Replacing: AZE2668, 11.131.676  
 Servicing: VW  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 62.00 mm


**113690** Starter 12 V, 1.0 kW

Replacing: AZE1230, 11.131.186  
 Servicing: Yanmar  
 B+ M8, Total length 185.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 66.00 B: 17.00 mm


**113843** Starter 12 V, 1.1 kW

Replacing: AZD2125, 11.131.902  
 Servicing: Fiat, Lancia, Opel, Suzuki,  
 Vauxhall  
 B+ M8, Total length 199.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 64.00 B: 24.25 mm


**113850** Starter 24 V, 5.4 kW

Replacing: AZK5467  
 Servicing: Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 A: 89.00 B: 51.00 mm


**113900** Starter 12 V, 2.5 kW

Replacing: AZE6544, 11.131.750  
 Servicing: John Deere  
 B+ M8, Total length 239.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.50 B: 26.00 mm


**113901** Starter 12 V, 3.0 kW

Replacing: AZE4597, AZE4540, AZE4166,  
 11.131.728, 11.131.426, 11.131.116  
 Servicing: Valtra  
 B+ M10, Total length 297.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm


**113968** Starter 12 V, 3.6 kW

Replacing: AZJ3212, 11.130.659  
 Servicing: New Holland  
 B+ M8, Total length 330.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 20.00 mm




**113982** Starter 12 V, 2.0 kW

Replacing: AZE2606, 11.130.923

Servicing: Hatz

B+ M8, Total length 233.50,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 40.50 mm


**114002** Starter 12 V, 4.2 kW

Replacing: AZF4591, 11.131.352

Servicing: Case

B+ M10, Total length 316.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 27.00 mm


**114050** Starter 12 V, 4.2 kW

Replacing: AZF4535, 11.130.999

Servicing: New Holland

B+ M10, 30h M10, Total length 317.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 27.50 mm


**114220** Starter 24 V, 4.0 kW

Replacing: AZF4230, 11.131.863

Servicing: Deutz-Fahr

B+ M10, Total length 315.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 25.00 mm


**114264** Starter 12 V, 4.2 kW

Replacing: AZF4576, AZF4224, AZF4181, 11.131.848, 11.131.697, 11.131.292

Servicing: JCB

B+ M10, Total length 345.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 24.00 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114265\*** Starter 12 V, 2.7 kW

Replacing: AZJ3140, 11.130.503

Servicing: VM Motori

Mounting holes 2 (0)

A: 82.50 B: 24.00 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114276\*** Starter 12 V, 1.0 kW

Replacing: 11.131.028

Servicing: Hatz


**114320** Starter 12 V, 3.0 kW

Replacing: AZF4229

Servicing: JCB, KHD

B+ M10, Total length 316.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 23.00 mm


**114387** Starter 12 V, 3.2 kW

Replacing: AZF4569, AZE4219, AZE4207, AZE4199, AZE4172, AZE4151, AZAF4569, 11.132.035, 11.131.964, 11.131.946

Servicing: JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 299.00, Gear type DD, Mounting holes 3 (0)

*Iskra version.*

A: 89.00 B: 28.85 mm


**114388** Starter 12 V, 3.2 kW

Replacing: AZE4220, AZE4201, AZE4197, AZE4175, AZE4173, AZE4170, AZE4150, 11.132.036, 11.131.989, 11.131.947

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 296.50, Gear type DD, Mounting holes 3 (0)

*Iskra version.*

A: 89.00 B: 32.50 mm


**114460** Starter 12 V, 1.4 kW

Replacing: AZE2151, 11.131.232

Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot

B+ M8, Total length 216.00,

Gear type GR, Mounting holes 3 (3)

B: - 4.00 mm



**110351** Starter 12 V, 1.3 kW

Replacing: KAT3K29.3708, 5712.3708, 4263708, 4243708, 293708, 2108-3708019, 2108-3708010-6, 2108-3708010

Servicing: Lada

B+ M8, Total length 245.00,

Gear type DD, Mounting holes 3 (0)

Bushing D.E. (clutch house): Cargo 140043.

A: 83.00 B: 34.00 mm



**110352** Starter 12 V, 1.3 kW

Replacing: KAT3KCT221126, KAT3K35.3708, CT2213708000, CT22112B, CT221128, 5722.3708, 4253708, 4233708, 3708000

Servicing: Fiat, Lada

B+ M8, Total length 237.00,

Clutch type Wet, Gear type DD,

Mounting holes 3 (3)

A: 83.00 B: 21.30 mm



**112304** Starter 12 V, 1.8 kW

Replacing: 5702.3708, 2110-3708010

Servicing: Lada

B+ M8, Total length 267.00,

Gear type GR, Mounting holes 2 (0)

A: 76.10 B: 35.00 mm



**110590** Starter 12 V, 2.8 kW

Replacing: M0014502ME

Servicing: Bobcat, Perkins

B+ M10, Total length 339.00,

Gear type GR, Mounting holes 3 (0),

Oil sealed, Waterproof

Replaces: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



**111221** Starter 12 V, 2.5 kW

Replacing: 35259580

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Total length 322.00,

Gear type GR, Mounting holes 2 (0)

Replaces: 28MT.

A: 82.40 B: 33.00 mm



**112253** Starter 12 V, 2.5 kW

Replacing: 4502ME

Servicing: Ford, Ingersoll Rand

B+ M10, Total length 342.00,

Gear type GR, Mounting holes 3 (0)

Replaces: 28MT.

A: 88.80 B: 45.00 mm





**110315** Starter 12 V, 0.9 kW

Replacing: 61924101

Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton

B+ M8, Total length 188.93,  
Gear type DD, Mounting holes 2 (2)

A: 76.00 B: 18.40 mm



**110336** Starter 12 V, 0.75 kW

Replacing: 25648K, 25648A, 25648, 25357, 25335, 25289, 25272, 25271, 25270, 25249, 25208, 25205, 25204

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Total length 224.50,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm



**110337** Starter 12 V, 0.85 kW

Replacing: 25397

Servicing: Ford

B+ M8, 15a M5, Total length 235.00,  
Gear type DD, Mounting holes 3 (3)

A: 76.00 B: 13.00 mm



**110363** Starter 12 V, 0.7 kW

Replacing: 25286, 25257

Servicing: BMW, Porsche, VW

B+ M8, Total length 214.00,  
Gear type DD, Mounting holes 2 (0)  
Bushing D.E. (clutch house): Cargo 140008.

A: 76.00 B: 33.00 mm



**110368** Starter 12 V, 2.3 kW

Replacing: 26025016A

Servicing: Audi, Mercedes-Benz, Seat, Volvo  
B+ M10, Total length 289.00,  
Gear type DD, Mounting holes 2 (2)

A: 82.50 B: 21.00 mm



**110412** Starter 12 V, 2.2 kW

Replacing: LES0121

Servicing: Isuzu, John Deere, TCM

B+ M8, Total length 233.80,  
Gear type DD, Mounting holes 2 (0)

A: 94.90 B: 20.30 mm



**110421** Starter 12 V, 0.8 kW

Replacing: 26925240A

Servicing: Daihatsu, Kubota, Suzuki, Toyota

B+ M8, Total length 188.00,  
Gear type DD, Mounting holes 2 (0)

A: 66.00 B: 16.00 mm



**110438** Starter 12 V, 2.1 kW

Replacing: LES0012, 27420B, 27420A, 27420, 26925188D, 26925188A, 26288F, 26288E, 26288A, 26288, 26193

Servicing: Case, Payloader

B+ M8, Total length 309.00,  
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 19.50 mm



**110439** Starter 12 V, 2.0 kW

Replacing: NSB509, LES0015, 27488, 27480, 27474B, 27474A, 27474, 27470B, 27470A, 27470, 27469A, 27469, 27459A

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50,  
Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 25.00 mm



**110440** Starter 12 V, 2.1 kW

Replacing: NSB511, NSB409, LES0005, 27468B, 27468A, 27468, 27446A, 27446, 26925198D, 26925198A, 26321F, 26321D

Servicing: Land Rover

B+ M8, Total length 309.00,  
Gear type DD, Mounting holes 3 (0)

A: 91.90 B: 19.00 mm



**110441** Starter 12 V, 2.1 kW

Replacing: NSB512, LES0033, 27460B, 27460A, 27460, 27425B, 27425A, 27425, 26925200A, 25024044A

Servicing: Land Rover

B+ M8, Total length 309.50,  
Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110442** Starter 12 V, 2.1 kW

Replacing: NSB501, NSB500, LES0011, 27487, 27485, 27479, 27477, 27473, 27464, 27415D, 27415B, 27415A, 27415

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Total length 309.00,  
Gear type DD, Mounting holes 3 (0)  
A: 88.90 B: 30.00 mm


**110443** Starter 12 V, 2.1 kW

Replacing: NSB503, LES0004, 27486, 27478, 27472, 27467, 27435A, 27435, 27417D, 27417B, 27417A, 27417

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, Total length 309.00,  
Gear type DD, Mounting holes 3 (0)  
A: 89.00 B: 29.50 mm


**110444** Starter 12 V, 2.1 kW

Replacing: LES0020, 27431B, 27431A, 27431, 26400D, 26400B, 26400A, 26400, 26371F, 26371E, 26371D, 26371A

Servicing: LDV

B+ M8, Total length 309.00,  
Gear type DD, Mounting holes 2 (0)  
A: 88.80 B: 23.50 mm


**110459** Starter 12 V, 2.8 kW

Replacing: NSB532, LES0022, 27545, 27543D, 27543A, 27543, 27443, 26420, 26416E, 26416D, 26416A, 26416, 26349H

Servicing: Bedford

B+ M8, Total length 335.00,  
Gear type DD, Mounting holes 3 (0)  
A: 89.00 B: 47.50 mm


**110460** Starter 12 V, 2.8 kW

Replacing: LES0023, LES0010, 27559E, 27559A, 27559, 27537B, 27537A, 27537, 27519D, 27519A, 27519, 27503D

Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson

B+ M8, Total length 307.50,  
Gear type DD, Mounting holes 3 (0)  
A: 89.00 B: 29.50 mm


**110461** Starter 12 V, 2.8 kW

Replacing: NSB521, LES0034, 27577A, 27577, 27567, 27531, 27501E, 27501B, 27501A, 27501, 26407, 26388, 26356

Servicing: Ford, Lancer Boss

B+ M8, 30h M5, Total length 272.00,  
Gear type DD, Mounting holes 3 (0)  
A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: NSB520, LES0017, 27614, 27569A, 27569, 27515A, 27500J, 27500A, 27500, 27426, 26925155B, 26925155A

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Total length 319.45,  
Gear type DD, Mounting holes 3 (0)  
A: 92.00 B: 20.00 mm


**110464** Starter 12 V, 2.1 kW

Replacing: NSB515, LRS138, LES0007, 27489, 27476, 27465, 27419D, 27419A, 27419, 26286J, 26286H, 26286F, 26286E

Servicing: Carbodies, DAF, Lancer Boss

B+ M8, Total length 336.50,  
Gear type DD, Mounting holes 3 (0)  
A: 89.00 B: 29.50 mm


**110465** Starter 12 V, 2.8 kW

Replacing: NSB535, LES0025, LES0002, 27554B, 27554A, 27554, 27511A, 27511, 26431B, 26431A, 26431, 26360

Servicing: Ford

B+ M8, Total length 309.00,  
Gear type DD, Mounting holes 3 (0)  
A: 92.00 B: 20.00 mm


**110490** Starter 24 V, 4.5 kW

Replacing: LES0140

Servicing: Toyota

 B+ M10, Total length 295.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 90.00 B: 16.00 mm

**110518** Starter 24 V, 4.0 kW

Replacing: LES0036, 61924031

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm

**110523** Starter 24 V, 4.8 kW

Replacing: LES0039, 61924051, 26025117A

 Servicing: ABG, Ahlmann, Case, Compair,  
 Iveco, KHD, Payloader

 B+ M10, Gear type DD,  
 Mounting holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: 26025136A

Servicing: Mercedes-Benz

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm

**110525** Starter 12 V, 3.0 kW

Replacing: 26417

Servicing: Claas, Mercedes-Benz

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm

**110536** Starter 12 V, 2.7 kW

Replacing: LES0038, 61924050

 Servicing: ABG, Atlas Copco, Bobcat, Bomag,  
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,  
 Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 287.50,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110545** Starter 12 V, 3.0 kW

 Replacing: NSB523, LRS926, LES0006, 27587,  
 27512D, 27512A, 27512, 26432, 26342K,  
 26342D, 26342A, 26342, 26284E

 Servicing: Balkancar, Chang Feng (Liebao),  
 Dronningborg, Sampo-Rosenlew, Ursus,  
 Valtra, Zetor

 B+ M10, Total length 335.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110565** Starter 12 V, 2.8 kW

 Replacing: NSB540, NSB531, NSB529,  
 LES0044, LES0043, LES0019, LES0013, 27606,  
 27599, 27594, 27583A, 27583

Servicing: Eicher, Massey Ferguson

 B+ M8, Total length 313.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110615** Starter 12 V, 2.8 kW

 Replacing: NSB524, NSB522, LES0040,  
 LES0016, 27628, 27625, 27621, 27609, 27607,  
 27603, 27596, 27592, 27588

 Servicing: Agco Allis, Agco White, Allis  
 Chalmers, Atlas Copco, JCB, Massey  
 Ferguson, Perkins

 B+ M8, Total length 312.25,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.60 mm


**110640** Starter 12 V, 3.0 kW

 Replacing: LES0014, 27440B, 27440A, 27440,  
 26394

 Servicing: Allis Chalmers, Fiat, Fiat-Allis,  
 Long

 B+ M10, Total length 310.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm




**110720** Starter 12 V, 1.4 kW

Replacing: LES0179

Servicing: Kubota

B+ M8, Total length 188.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 25.00 mm


**110771** Starter 12 V, 0.8 kW

Replacing: 25282

Servicing: Ford

B+ M8, 15a M5, Gear type DD,

Mounting holes 2 (0)

A: 76.00 B: 5.40 mm


**110809** Starter 12 V, 2.0 kW

Replacing: 61924100

Servicing: Dodge, Hyundai, Mitsubishi, Proton

B+ M8, Total length 241.45,

Gear type GR, Mounting holes 2 (2)

A: 76.90 B: 0.00 mm


**110813** Starter 12 V, 2.7 kW

Replacing: S0850, LRS01976, LES0230, LES0037, 61924066, 61924015, 26390E, 26390B, 26390A, 26390, 26290

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco, Skoda, VW

B+ M10, Total length 294.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm


**110814** Starter 12 V, 2.7 kW

Replacing: 27401

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, Total length 296.50,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.80 mm


**110817** Starter 12 V, 2.1 kW

Replacing: LES0003, 27427E, 27427A, 27427, 27424B, 27424A, 27424, 26310H, 26310F, 26310E, 26310D, 26310A

Servicing: DAF

B+ M8, Total length 315.00,

Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 25.00 mm


**110818** Starter 12 V, 2.1 kW

Replacing: S4523, NSB513, NSB415, LES0008, 27463D, 27463A, 27463, 27423A, 27423, 27413D, 27413A, 27413, 26917

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, 15a 6.30, Total length 309.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 24.60 mm


**110819** Starter 12 V, 2.8 kW

Replacing: S4515, NSB530, 27593A, 27593, 27584, 27582, 27580, 27571B, 27571A, 27571, 27546B, 27546A, 27546

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, Total length 311.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 22.25 mm


**110831** Starter 12 V, 0.8 kW

Replacing: NSB103, NSB101, 26657, 26656, 26654, 26649, 25368, 25356, 25333, 25331, 25288, 25281B, 25281, 25277

Servicing: Ford

B+ M8, Total length 258.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 31.00 mm


**110840** Starter 12 V, 1.1 kW

Replacing: NSB102, 25728D, 25728A, 25728, 25290, 25287

Servicing: Ford

B+ M8, Total length 139.75,

Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 29.40 mm


**110842** Starter 12 V, 1.4 kW

Replacing: 26805

Servicing: Ford, Merkur, Saab

B+ M8, Total length 243.30,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 5.35 mm


**110867** Starter 12 V, 1.7 kW

Replacing: 26942, 26941, 26935D, 26935, 26914F, 26914A, 26914, 26913

Servicing: Ford, Mazda

 B+ M8, Total length 265.00,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 14.25 mm


**110868** Starter 12 V, 1.1 kW

Replacing: 25735E, 25735A, 25735

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph

 B+ M8, 15a M5, Total length 255.25,  
 Gear type DD, Mounting holes 2 (0)

A: 76.00 B: 4.50 mm


**110941** Starter 12 V, 2.5 kW

Replacing: LES0135

Servicing: Caterpillar

 B+ M10, Total length 301.85,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed

A: 88.90 B: 24.60 mm


**111030** Starter 12 V, 1.4 kW

Replacing: 27002, 26680, 26628

Servicing: Ford

 B+ M8, 15a M6, Total length 246.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)

A: 76.20 B: 14.00 mm


**111041** Starter 12 V, 2.8 kW

Replacing: 35259690

Servicing: Fiat-Allis, Hyster, Perkins

 B+ M10, Total length 338.50,  
 Gear type GR, Mounting holes 3 (0)  
 Replaces: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


**111047** Starter 12 V, 3.1 kW

Replacing: LES0237

Servicing: Volvo, Volvo Penta

 B+ M8, 15a 6.30, Total length 302.75,  
 Gear type GR, Mounting holes 3 (0),  
 Insulated return

A: 88.85 B: 47.70 mm


**111053** Starter 12 V, 0.8 kW

 Replacing: 27008, 26624, 25383, 25344,  
 25338, 25332, 25326

Servicing: Ford

 B+ M8, 15a M5, Total length 217.00,  
 Gear type DD, Mounting holes 3 (3)

A: 76.00 B: 13.00 mm


**111080#** Starter 12 V, 1.4 kW

Replacing: NSB317

Servicing: Infiniti, Nissan

 B+ M8, Total length 218.50,  
 Gear type GR, Mounting holes 2 (2)

A: 82.45 B: 41.75 mm


**111102** Starter 12 V, 0.8 kW

 Replacing: 25345, 25238, 25196, 25147,  
 25112, 25105, 25089, 25083H, 25083A,  
 25083, 25075, 25071

 Servicing: Austin, Lotus, MG, Plymouth,  
 Triumph, Vauxhall

 B+ M8, Total length 310.80,  
 Gear type DD, Mounting holes 2 (0)

A: 88.85 B: 41.00 mm


**111103** Starter 12 V, 0.8 kW

 Replacing: 25239, 25201, 25149, 25138,  
 25097, 25092D, 25088, 25087, 25085, 25079,  
 25065, 25063, 25062, 25061

 Servicing: Hillman, MG, Morris, Triumph,  
 Vauxhall

 B+ M8, Total length 321.50,  
 Gear type DD, Mounting holes 2 (0)

A: 88.80 B: 60.35 mm


**111109** Starter 12 V, 2.0 kW

Replacing: 27455

Servicing: Peugeot, Talbot

 B+ M8, Total length 293.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.15 B: 21.25 mm


**111117** Starter 12 V, 1.1 kW

Replacing: 25355

Servicing: Fiat, Lancia

 B+ M8, Total length 232.75,  
 Gear type GR, Mounting holes 3 (3)

A: 66.90 B: 12.45 mm



9,11


**111118** Starter 12 V, 0.9 kW

Replacing: 25339

Servicing: Fiat

B+ M8, Total length 230.00,

Gear type GR, Mounting holes 3 (3)

A: 67.00 B: 13.00 mm



10


**111131** Starter 12 V, 0.8 kW

Replacing: 27014, 27006, 27005, 26679, 26678, 26601, 26600, 26587

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75,

Gear type DD, Mounting holes 3 (3)

A: 76.15 B: 13.45 mm



8


**111241** Starter 12 V, 1.2 kW

Replacing: LES0228

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M8, Total length 207.80,

Gear type GR, Mounting holes 2 (2)

A: 73.00 B: 17.00 mm



9


**111254** Starter 24 V, 4.5 kW

Replacing: LRS01910

Servicing: John Deere

B+ M10, Total length 332.25,

Gear type GR, Mounting holes 2 (0)

A: 94.85 B: 19.20 mm



8


**111303** Starter 12 V, 0.8 kW

Replacing: 27047, 27043, 27022, 26814D, 26814B, 26814A, 26814, 26667

Servicing: Jaguar, Nissan

B+ M8, Total length 185.15,

Gear type DD/GR, Mounting holes 2 (1)

A: 69.95 B: 11.15 mm



8


**111310** Starter 12 V, 0.8 kW

Replacing: 26925159E, 26925159B, 26925159A

Servicing: Chevrolet, GEO, Pontiac, Subaru, Suzuki

B+ M8, Total length 190.50,

Gear type GR, Mounting holes 2 (2)

A: 75.00 B: 7.80 mm



10


**111346** Starter 12 V, 2.8 kW

Replacing: LES0041, LES0024, 27629, 27627B, 27627, 27626, 27620, 27610, 27608, 27602, 27598, 27590, 27589

Servicing: Massey Ferguson

B+ M8, Total length 314.50,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm



8


**111385** Starter 12 V, 0.6 kW

Replacing: 26251048

Servicing: Bedford, Suzuki

B+ M8, 15a 6.30, Gear type DD,

Mounting holes 2 (0)

A: 64.85 B: 27.00 mm



9


**111442** Starter 12 V, 1.4 kW

Replacing: LES0089

Servicing: Acura, Honda, Rover

B+ M8, Total length 211.50,

Clutch type Wet, Gear type GR,

Mounting holes 2 (0)

A: 75.00 B: 33.50 mm



10


**111499** Starter 12 V, 2.8 kW

Replacing: LES0029, 27528, 26379F, 26379A, 26379

Servicing: Case

B+ M8, Total length 307.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm



8


**111508** Starter 12 V, 1.2 kW

Replacing: LES0227

Servicing: Mitsubishi

B+ M8, Total length 207.50,

Gear type GR, Mounting holes 2 (2)

A: 71.00 B: 4.00 mm



13


**111550** Starter 12 V, 1.4 kW

Replacing: LES0144

Servicing: Toyota

B+ M8, Total length 217.00,

Gear type GR, Mounting holes 2 (0)

A: 55.00 B: 66.00 mm




**111573** Starter 12 V, 2.8 kW

Replacing: LES0001, 27526D, 27526A, 27526, 27513A, 27513, 26376L, 26376K, 26376A, 26376, 26351, 26343K, 26343D

Servicing: Avia, JCB, TCM

B+ M8, Total length 311.00,

Gear type DD/GR, Mounting holes 3 (0)

A: 101.00 B: 25.50 mm


**111574** Starter 12 V, 2.8 kW

Replacing: LES0035, 27595, 27564F, 27564A, 27564, 26025110A

Servicing: ERF, LDV International

B+ M8, Total length 340.00,

Gear type DD, Mounting holes 3 (0)

A: 88.75 B: 47.15 mm


**111608** Starter 12 V, 1.4 kW

Replacing: 26845, 26841, 26834, 26813

Servicing: Infiniti, Nissan

B+ M8, Total length 216.00,

Gear type GR, Mounting holes 2 (2)

A: 82.25 B: 43.00 mm


**111690** Starter 12 V, 1.1 kW

Replacing: LES0102

Servicing: Opel, Vauxhall

B+ M8, Total length 193.50,

Clutch type Wet, Gear type GR, Mounting holes 2 (1)

A: 78.00 B: 19.50 mm


**111730** Starter 12 V, 1.0 kW

Replacing: LES0169

Servicing: Mazda, Peugeot

B+ M8, Total length 208.00,

Gear type GR, Mounting holes 3 (2)

A: 73.90 B: 13.00 mm


**111737** Starter 12 V, 2.8 kW

Replacing: 27502D, 27502A, 27502, 26369J, 26369H, 26369A, 26369, 26359F, 26359B, 26359A, 26359, 26294Q, 26294N

Servicing: Atlas Copco, Bedford, Fiat-Allis, Massey Ferguson, Perkins, Sampo-Rosenlew

B+ M8, Total length 314.75,

Clutch type Wet, Gear type DD,

Mounting holes 3 (0)

A: 89.00 B: 28.50 mm


**111748** Starter 12 V, 1.1 kW

Replacing: LES0174

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 223.00,

Gear type GR, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 33.00 mm


**111750** Starter 12 V, 1.4 kW

Replacing: 26689

Servicing: Ford

B+ M8, 15a M5, Total length 208.50,

Gear type GR, Mounting holes 3 (3)

A: 75.00 B: 13.50 mm


**111865** Starter 12 V, 1.7 kW

Replacing: 26801, 26267, 25696L, 25696A, 25696, 25681

Servicing: Land Rover

B+ M8, Total length 268.00,

Gear type GR, Mounting holes 2 (0)

A: 73.00 B: 39.00 mm


**111971** Starter 12 V, 1.2 kW

Replacing: LES0106

Servicing: Mitsubishi

B+ M8, Total length 195.00,

Gear type GR, Mounting holes 2 (2)

A: 75.00 B: 10.00 mm


**111982** Starter 24 V, 4.0 kW

Replacing: LES0067

Servicing: Mercedes-Benz

B+ M10, Total length 317.50,

Gear type GR, Mounting holes 3 (0)

A: 88.75 B: 45.00-49.00 mm


**111996** Starter 12 V, 2.2 kW

Replacing: LES0092

Servicing: Iveco

B+ M8, Total length 274.00,

Gear type GR, Mounting holes 3 (1)

A: 110.00 B: 26.00 mm


**112103** Starter 12 V, 2.2 kW

Replacing: LES0088

Servicing: Opel, Renault, Vauxhall

B+ M8, Total length 272.55,

Gear type GR, Mounting holes 3 (0)

A: 72.00 B: 0.50 mm


**112163** Starter 12 V, 2.0 kW

Replacing: 26925056

Servicing: Mahindra

B+ M8, Total length 307.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 20.00 mm


**112251** Starter 12 V, 2.3 kW

Replacing: LES0128

Servicing: Ford, LDV

B+ M8, Total length 258.00,

Gear type GR, Mounting holes 3 (0)

A: 91.90 B: 19.00 mm


**112124** Starter 12 V, 0.9 kW

Replacing: NSB132

Servicing: Citroen, Fiat, Lancia

B+ M8, Total length 206.00,

Gear type DD, Mounting holes 3 (3)

A: 64.10 B: 11.00 mm


**112164** Starter 12 V, 1.4 kW

Replacing: 26925121A

Servicing: Tata

B+ M8, Total length 267.50,

Gear type DD, Mounting holes 3 (0)

A: 66.00 B: -7.70 mm


**112277** Starter 12 V, 1.8 kW

Replacing: 54292967, 47920166, 47920141, 26920

Servicing: Perkins

B+ M8, 15a 6.30, Total length 261.00,

Gear type GR, Mounting holes 3 (0), Insulated return

A: 88.90 B: 30.00 mm


**112136** Starter 12 V, 2.8 kW

Replacing: LES0030, 27601, 27533E, 27533A, 27533, 26398H, 26398F, 26398A, 26398

Servicing: Massey Ferguson

B+ M8, Total length 340.50,

Gear type DD, Mounting holes 3 (0)

A: 88.75 B: 48.30 mm


**112172** Starter 12 V, 1.6 kW

Replacing: LES0186

Servicing: Arona, BMW, Ferrari, Lombardini, Mosa

B+ M8, 30h M5, Total length 267.50,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 28.00 mm


**112320** Starter 12 V, 1.4 kW

Replacing: LES0130

Servicing: Opel, Vauxhall

B+ M8, Total length 194.00,

Gear type GR, Mounting holes 2 (1)

A: 77.90 B: 19.50 mm


**112141** Starter 12 V, 1.0 kW

Replacing: 27004, 26695

Servicing: Ford

B+ M8, Total length 210.00,

Gear type GR, Mounting holes 3 (2)

A: 76.00 B: 13.50 mm


**112227** Starter 24 V, 8.0 kW

Replacing: LES0221

Servicing: Renault V.I.

B+ M10, 15a M5, Total length 405.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**112322** Starter 12 V, 0.8 kW

Replacing: LES0095

Servicing: Hyundai, Kia

B+ M8, Total length 187.50,

Gear type DD, Mounting holes 2 (2)

A: 75.00 B: 14.00 mm


**112367** Starter 12 V, 1.4 kW

Replacing: LES0177  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 217.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 55.00 B: 66.20 mm


**112374** Starter 12 V, 2.5 kW

Replacing: LES0113  
 Servicing: Yanmar  
 B+ M8, Total length 240.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 21.40 mm


**112390** Starter 12 V, 1.0 kW

Replacing: 66925191, 27018, 26631, 25219  
 Servicing: Lister  
 B+ M8, 15a 4.70, Total length 210.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 27.00 mm


**112536** Starter 12 V, 0.85 kW

Replacing: 27048, 26626, 25400  
 Servicing: Ford  
 B+ M8, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 29.00 mm


**112660** Starter 12 V, 2.8 kW

Replacing: 529965EX, 27604, 27586, 27575,  
 27556, 27508D, 27508B, 27508A, 27508,  
 26433, 26428A, 26428, 26336  
 Servicing: Case  
 B+ M10, Total length 333.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 48.00 mm


**112670** Starter 24 V, 4.0 kW

Replacing: 27315E, 27315B, 27315A, 27315,  
 27311H, 27311E, 27311A, 27311, 27309E,  
 27309A, 27309, 27301K  
 Servicing: DAF, Hanomag, Mercedes-Benz,  
 Perkins  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 28.50 mm


**112822** Starter 24 V, 4.5 kW

Replacing: LES0087  
 Servicing: Iveco  
 B+ M10, Total length 293.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 A: 89.00 B: 49.00 mm


**113020** Starter 12 V, 1.2 kW

Replacing: LES0242  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 216.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 70.00 B: 10.00 mm


**113129** Starter 24 V, 4.5 kW

Replacing: LES0141  
 Servicing: Mitsubishi  
 B+ M10, Total length 290.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 110.00 B: 64.50 mm


**113134** Starter 12 V, 2.2 kW

Replacing: LES0091  
 Servicing: Renault, Renault V.I., Vauxhall  
 B+ M8, Total length 272.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 109.70 B: 27.00 mm


**113195** Starter 24 V, 3.2 kW

Replacing: LES0226  
 Servicing: Mitsubishi  
 B+ M8, Total length 257.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 59.90 B: 14.00 mm





**113217#** Starter 12 V, 1.4 kW  
 Replacing: LRS755  
 Servicing: Ford  
 B+ M8, Total length 224.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.00 B: 14.30 mm



**113237** Starter 12 V, 3.0 kW  
 Replacing: LES0152  
 Servicing: Caterpillar  
 B+ M12, B- M12, Total length 315.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.70 B: 47.00 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 27034, 26694, 26693, 26690,  
 26660  
 Servicing: MG, Rover  
 B+ M8, Total length 210.50,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 67.00 B: 39.50 mm



**113380** Starter 12 V, 2.8 kW  
 Replacing: NSB534, LES0026, 27553D,  
 27553A, 27553, 27507B, 27507A, 27507,  
 27504B, 27504A, 27504, 26430D  
 Servicing: Ford  
 B+ M8, B- M8, Total length 307.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 91.80 B: 20.00 mm



**113381** Starter 12 V, 2.5 kW  
 Replacing: LES0031, 27430B, 27430A, 27430  
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 109.70 B: 26.00 mm



**113408** Starter 12 V, 1.4 kW  
 Replacing: LES0072  
 Servicing: Honda, Yanmar  
 B+ M8, Total length 193.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.85 B: 19.50 mm



**113478** Starter 12 V, 2.8 kW  
 Replacing: 26024033A  
 Servicing: Atlas Copco, John Deere  
 B+ M10, 15a M5, Total length 303.50,  
 Gear type DD, Mounting holes 2 (0),  
 Oil sealed  
 A: 82.00 B: 35.00 mm



**113484** Starter 24 V, 4.0 kW  
 Replacing: 27305  
 Servicing: Sisu, Valtra  
 B+ M10, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.85 B: 47.50 mm



**113668** Starter 12 V, 1.2 kW  
 Replacing: S9463  
 Servicing: Clark, Mitsubishi  
 B+ M8, Total length 214.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 76.90 B: 18.00 mm



**113670** Starter 12 V, 2.2 kW  
 Replacing: 26025115A, 26025115, 26024070A  
 Servicing: Mahindra  
 B+ M8, 15a M5, Total length 284.35,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 20.00 mm



**113745** Starter 12 V, 1.4 kW  
 Replacing: 25756, 25755, 25692  
 Servicing: Jaguar  
 B+ M8, 15a M4, Total length 267.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 89.00 B: 26.70 mm



**113752** Starter 12 V, 1.8 kW  
 Replacing: 26946, 26945, 26943  
 Servicing: Fiat  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.80 B: 23.50 mm



**113797** Starter 12 V, 1.7 kW

Replacing: LES0232

Servicing: Hyundai, Kia

B+ M8, Total length 223.40,

Gear type DD, Mounting holes 2 (2)

A: 76.95 B: 16.85 mm



**113805** Starter 12 V, 1.2 kW

Replacing: LES0241

Servicing: Hyundai, Kia

B+ M8, Total length 213.00,

Gear type GR, Mounting holes 2 (2)

A: 69.90 B: 18.00 mm



**114123** Starter 12 V, 0.8 kW

Replacing: 063102021010

Servicing: Fiat

B+ M8, 30h M6, Total length 190.00,

Gear type DD/GR, Mounting holes 3 (2)

A: 64.00 B: 12.00 mm


**110213** Starter 24 V, 6.6 kW

Replacing: 63226391, 63226301

Servicing: Fiat, Iveco

B+ M12, B- M10, Total length 407.00,

Gear type DD, Mounting holes 3 (0)

A: 115.00 B: 20.80 mm


**110338** Starter 12 V, 0.8 kW

Replacing: E84-0.8/12V1, 63220741,

63220731, 63220721, 63220701

Servicing: Fiat, Lancia, Zastava

B+ M8, Total length 254.00,

Gear type DD, Mounting holes 3 (3)

A: 66.90 B: 12.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: E100-1.3/12V8, 63222506,
 63222438, 63222436, 63222435, 63222408,
 63222405

Servicing: Fiat, Lada

B+ M8, Total length 237.00,

Clutch type Wet, Gear type DD,

Mounting holes 3 (3)

A: 83.00 B: 21.30 mm


**110365** Starter 12 V, 0.8 kW

Replacing: E84-0.8/12V3, 63221892,
 63221832, 63220743, 63220733, 63220723,
 63220713, 63220703, 63220537

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Total length 236.50,

Gear type DD, Mounting holes 3 (3)

A: 62.00 B: 12.50 mm


**110396** Starter 12 V, 1.4 kW

Replacing: 943254024010

Servicing: Toyota

B+ M8, Total length 189.00,

Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm


**110440** Starter 12 V, 2.1 kW

Replacing: 63227468

Servicing: Land Rover

B+ M8, Total length 309.00,

Gear type DD, Mounting holes 3 (0)

A: 91.90 B: 19.00 mm


**110442** Starter 12 V, 2.1 kW

Replacing: 63227485, 63227479, 2707130

Servicing: Balkancar, Conveyancer, Massey
 Ferguson, Matbro

B+ M8, Total length 309.00,

Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 30.00 mm


**110461** Starter 12 V, 2.8 kW

Replacing: 63227501

Servicing: Ford, Lancer Boss

B+ M8, 30h M5, Total length 272.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: 63227569

Servicing: Buhner, Ford, Matbro, New
 Holland

B+ M8, Total length 319.45,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110464** Starter 12 V, 2.1 kW

Replacing: 63227489

Servicing: Carbodyes, DAF, Lancer Boss

B+ M8, Total length 336.50,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110517** Starter 24 V, 3.2 kW

Replacing: MT72AB, MT72AA, MT72A,
 63217226, 63217225, 63217201, 30281018

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, Total length 295.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: MT67CB, MT67CA, MT67C,
 63216741, 63216740, 63216703, 30281020,
 063216741010

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm




**110519** Starter 12 V, 3.0 kW

Replacing: MT68BA, MT68B, 63216833, 63216802, 4755112, 4737758

Servicing: Iveco, Volvo

 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: MT67BA, MT67B, MT43HA, 63216733, 63216702, 63214371, 63214333, 63214308, 30281027, 30281017

Servicing: Cummins, Fiat-Allis

 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: MT67DB, MT67DA, MT67D, MT67AD, MT67AC, MT67AB, MT67AA, MT67A, 63224580, 63224170, 63216748

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: MT68LC, MT68LB, MT68LA, MT68L, 63216898, 63216896, 63216873, 4755110, 063216896010

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: 63206704, 063206704010

Servicing: Mercedes-Benz

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110529** Starter 12 V, 3.0 kW

Replacing: MT68MB, MT68MA, MT68AD, MT68AC, MT68AB, MT68AA, MT68A, MT62BA, M125M3-Z9(3/12), M125-3/12, 63224600

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: MT68PB, MT68PA, MT68P, 63217138, 63216884, 63216876, 63216814, 063216884010, 063216876010

Servicing: Huerlimann, Lamborghini, Same

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 22.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: MT74G, MT68T, 943252071010

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 287.50,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: 63227512

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

 B+ M10, Total length 335.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: 63291405

Servicing: Renault, Volvo

 B+ M8, Total length 214.15,  
 Gear type DD, Mounting holes 4 (4)

A: 66.00 B: -2.00 mm


**110608** Starter 12 V, 0.5 kW

Replacing: 63201101, 63201100, 63201005, 63201004, 63201001, 63201000

Servicing: Fiat

 B+ M8, Total length 233.75,  
 Gear type DD, Mounting holes 3 (0)

A: 61.90 B: 7.70 mm


**110615** Starter 12 V, 2.8 kW

Replacing: 943226366, 63296357, 63227596, 63227588, 63227585, 63227520, 63227518, 63227486, 63227478, 54293284

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

 B+ M8, Total length 312.25,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.60 mm


**110812** Starter 12 V, 2.0 kW

Replacing: MT71TA, MT71T, MT71RB, MT71R, MT71E, 63217154, 63217118, 63217116, 63217105, 63216808

Servicing: Alfa Romeo, Fiat, Seat

 B+ M10, Total length 293.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 27.00 mm


**110813** Starter 12 V, 2.7 kW

Replacing: MT71AC, MT71AB, MT71AA, MT71A, 63522235, 63217126, 63217125, 63217101, 30380319

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco, Skoda, VW

 B+ M10, Total length 294.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm


**110814** Starter 12 V, 2.7 kW

Replacing: MT71DB, MT71DA, MT71D, 94317148, 63217148, 63217147, 63217104, 30180309

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

 B+ M10, Total length 296.50,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.80 mm


**110818** Starter 12 V, 2.1 kW

Replacing: 63227528, 63227413, 63226845

Servicing: Case, Fiat-Allis, Massey Ferguson

 B+ M8, 15a 6.30, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 24.60 mm


**110819** Starter 12 V, 2.8 kW

Replacing: 63227488, 63227480, 63227470, 27593A, 27571, 27540, 27522

Servicing: Eicher, Massey Ferguson, Perkins

 B+ M8, Total length 311.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 22.25 mm


**110825#** Starter 12 V, 0.9 kW

Replacing: 63221330, 63221300

Servicing: Alfa Romeo, Bertone, Fiat, Lancia, Seat

 B+ M8, 15a 6.30, Total length 222.50,  
 Gear type DD, Mounting holes 3 (3)

A: 66.00 B: 13.00 mm


**110826** Starter 12 V, 0.8 kW

Replacing: E84-0.8/12V5, 63220800, 63220735, 63220705, 63220700, 30180285

Servicing: Fiat, Seat

 B+ M8, Total length 253.00,  
 Gear type DD, Mounting holes 3 (3)

A: 82.40 B: 23.00 mm


**110836#** Starter 12 V, 1.6 kW

Replacing: 63223332, 63223330, 63223300, 63223237, 63223236, 63223233, 63223207, 63223206, 63223203

Servicing: Fiat, Lancia, Seat

 B+ M8, Total length 266.00,  
 Gear type DD, Mounting holes 3 (3)

A: 82.40 B: 22.00 mm



**110854** Starter 12 V, 1.4 kW  
 Replacing: 63223531, 63223530, 63223436, 63223431  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 243.35,  
 Gear type GR, Mounting holes 3 (0)  
 A: 66.25 B: 23.00 mm



**110867** Starter 12 V, 1.7 kW  
 Replacing: 63253020, 63226942  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 14.25 mm



**111001** Starter 12 V, 3.0 kW  
 Replacing: MT68RA, MT68R, 63216816  
 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 320.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 20.60 mm



**111010** Starter 12 V, 1.4 kW  
 Replacing: 63223434, 50246218  
 Servicing: Audi, VW  
 B+ M8, 15a 6.30, Total length 243.25,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.50 B: 20.80 mm



**111015** Starter 12 V, 1.1 kW  
 Replacing: 63521070  
 Servicing: Lombardini  
 B+ M8, Total length 216.25,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 15.00 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: 63221890, 63221830, 63221800  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 199.25,  
 Gear type DD, Mounting holes 3 (2)  
 A: 64.00 B: 11.00 mm



**111058** Starter 12 V, 0.8 kW  
 Replacing: 63221535, 63221335, 63221307, 63221306, 63221305  
 Servicing: Audi, Seat, VW  
 B+ M8, 15a 6.30, Total length 215.50,  
 Gear type DD, Mounting holes 3 (2)  
 Bushing d.e. (clutch house): Cargo 140500.  
 A: 82.35 B: 14.75 mm



**111088** Starter 12 V, 0.8 kW  
 Replacing: 63223304  
 Servicing: Daihatsu, Piaggio  
 B+ M8, Total length 209.80,  
 Gear type DD, Mounting holes 2 (0)  
 A: 64.60 B: 30.00 mm



**111104** Starter 12 V, 0.9 kW  
 Replacing: 63221333, 63221303  
 Servicing: Alfa Romeo  
 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 61.90 B: 10.00 mm



**111106** Starter 12 V, 1.0 kW  
 Replacing: 63321433, 63221632, 63221433, 63221430, 63221403, 63221400  
 Servicing: Fiat, Lancia, Seat  
 B+ M8, Total length 232.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 82.00 B: 22.40 mm



**111117** Starter 12 V, 1.1 kW  
 Replacing: 63223430, 63221533  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 232.75,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.90 B: 12.45 mm



**111118** Starter 12 V, 0.9 kW  
 Replacing: 63221530, 63221500  
 Servicing: Fiat  
 B+ M8, Total length 230.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 67.00 B: 13.00 mm





**111131** Starter 12 V, 0.8 kW  
 Replacing: 943251688, 63253010, 63227014  
 Servicing: Austin, Ford, Mazda, Rover  
 B+ M8, Total length 208.75,  
 Gear type DD, Mounting holes 3 (3)  
 A: 76.15 B: 13.45 mm



**111217** Starter 12 V, 3.0 kW  
 Replacing: MT38RA, MT38R  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 383.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**111228** Starter 12 V, 1.1 kW  
 Replacing: E80-1.1/12V, 63223035,  
 63221637, 50246532  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 219.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 64.00 B: 12.40 mm



**111284** Starter 12 V, 2.5 kW  
 Replacing: 63217163, 63217106,  
 063217163010  
 Servicing: Lamborghini, Sabb  
 B+ M10, Total length 296.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 21.00 mm



**111303** Starter 12 V, 0.8 kW  
 Replacing: 63227051  
 Servicing: Jaguar, Nissan  
 B+ M8, Total length 185.15,  
 Gear type DD/GR, Mounting holes 2 (1)  
 A: 69.95 B: 11.15 mm



**111310** Starter 12 V, 0.8 kW  
 Replacing: 63103019  
 Servicing: Chevrolet, GEO, Pontiac, Subaru,  
 Suzuki  
 B+ M8, Total length 190.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 75.00 B: 7.80 mm



**111346** Starter 12 V, 2.8 kW  
 Replacing: 63227599, 63227598, 63227590,  
 63227568, 63227565, 63227541  
 Servicing: Massey Ferguson  
 B+ M8, Total length 314.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm



**111347** Starter 12 V, 1.2 kW  
 Replacing: 63111043, 63111023  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong, VW  
 B+ M8, Total length 219.80,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.35 B: 25.00 mm



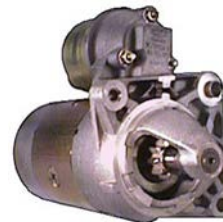
**111400** Starter 12 V, 1.4 kW  
 Replacing: 63223433  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 246.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 22.00 mm



**111420** Starter 12 V, 0.9 kW  
 Replacing: 63222904, 63102003  
 Servicing: Fiat  
 B+ M8, Total length 205.50,  
 Gear type DD, Mounting holes 3 (1)  
 A: 64.00 B: 10.50 mm



**111421** Starter 12 V, 2.2 kW  
 Replacing: 63222138, 63222034  
 Servicing: Citroen, Fiat  
 B+ M8, Total length 272.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.75 B: 26.60 mm



**111422** Starter 12 V, 0.8 kW  
 Replacing: 63223200, 63222936, 63222890,  
 63222889, 63222888, 63101002  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 206.00,  
 Gear type DD, Mounting holes 3 (1)  
 A: 64.00 B: 11.50 mm



**111423<sup>#</sup>** Starter 12 V, 2.2 kW  
 Replacing: 63222133, 63222036, 63221831, 63221801, 63220931  
 Servicing: Fiat  
 B+ M8, Total length 271.50,  
 Gear type GR, Mounting holes 3 (3)  
 A: 82.45 B: 23.50 mm



**111585** Starter 12 V, 0.8 kW  
 Replacing: 63222908, 63222905, 63222897, 63222837, 63222836  
 Servicing: Fiat  
 B+ M8, Total length 206.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 61.90 B: 13.00 mm



**111630<sup>#</sup>** Starter 12 V, 0.9 kW  
 Replacing: 63222900, 63103025, 63102008  
 Servicing: Fiat  
 B+ M8, Total length 206.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 64.35 B: 15.00 mm



**111685** Starter 12 V, 1.4 kW  
 Replacing: 63223730, 63111007, 63111005  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 211.80,  
 Gear type GR, Mounting holes 3 (0)  
 A: 65.90 B: 10.80 mm



**111693** Starter 12 V, 2.5 kW  
 Replacing: MT74L, 63217410  
 Servicing: Fiat, Iveco, Multicar  
 B+ M10, Total length 295.65,  
 Gear type DD/GR, Mounting holes 3 (1)  
 A: 110.00 B: 21.65 mm



**111750** Starter 12 V, 1.4 kW  
 Replacing: 63226689  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 208.50,  
 Gear type GR, Mounting holes 3 (3)  
 A: 75.00 B: 13.50 mm



**111755** Starter 12 V, 3.0 kW  
 Replacing: 63206834, 063206834010  
 Servicing: John Deere  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111865** Starter 12 V, 1.7 kW  
 Replacing: 63226801  
 Servicing: Land Rover  
 B+ M8, Total length 268.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 73.00 B: 39.00 mm



**111906** Starter 12 V, 1.1 kW  
 Replacing: 63280010  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 26.35 mm



**111911** Starter 12 V, 1.4 kW  
 Replacing: 63293537, 63280070, 63223537, 63111006  
 Servicing: Bertolini, BMW, Ford  
 B+ M8, 30h M5, Total length 231.50,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.00 B: 20.50 mm



**112026** Starter 12 V, 2.6 kW  
 Replacing: 63114014, 063114014010  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 276.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.50 B: 23.00 mm



**112034** Starter 12 V, 1.7 kW  
 Replacing: 63221435, 63221405  
 Servicing: ACME, Arona, BCS, Ferrari, Goldoni, Hatz, Lombardini, Mosa, Ruggnerini, VW  
 B+ M8, Total length 233.30,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 27.00 mm


**112039** Starter 12 V, 2.7 kW

Replacing: MT71GB, 63217158, 063217158010

Servicing: Fendt, Jenbacher Werke, KHD, Lombardini

B+ M8, Total length 295.00, Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 24.00 mm


**112124** Starter 12 V, 0.9 kW

Replacing: 63223303, 63223101, 63223085, 63223033, 63223031, 63223001, 63222833, 63222831, 63103022, 63103007

Servicing: Citroen, Fiat, Lancia

B+ M8, Total length 206.00, Gear type DD, Mounting holes 3 (3)

A: 64.10 B: 11.00 mm


**112125** Starter 12 V, 2.2 kW

Replacing: 63222135, 63222134, 63222038

Servicing: Alfa Romeo, Fiat, Ford, Lancia

B+ M8, Total length 272.00, Gear type GR, Mounting holes 3 (3)

A: 82.40 B: 24.00 mm


**112136** Starter 12 V, 2.8 kW

Replacing: 63227601

Servicing: Massey Ferguson

B+ M8, Total length 340.50, Gear type DD, Mounting holes 3 (0)

A: 88.75 B: 48.30 mm


**112235** Starter 12 V, 1.4 kW

Replacing: 63280005, 63280001

Servicing: Ford, Mazda, Mercury

B+ M8, Total length 225.00, Gear type GR, Mounting holes 3 (2)

A: 76.10 B: 13.00 mm


**112267** Starter 12 V, 2.5 kW

Replacing: 63227564

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00, Gear type GR, Mounting holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


**112277** Starter 12 V, 1.8 kW

Replacing: 63226920

Servicing: Perkins

B+ M8, 15a 6.30, Total length 261.00, Gear type GR, Mounting holes 3 (0), Insulated return

A: 88.90 B: 30.00 mm


**112289** Starter 12 V, 0.8 kW

Replacing: 63221431, 63221401

Servicing: Fiat, Innocenti, Lancia

B+ M8, 15a M5, Total length 224.00, Gear type DD, Mounting holes 3 (3)

A: 64.20 B: 13.00 mm


**112309** Starter 12 V, 1.4 kW

Replacing: 63223438

Servicing: Audi, VW

B+ M8, 15a 6.30, Total length 245.00, Gear type GR, Mounting holes 2 (1)

A: 76.00 B: 27.00 mm


**112340** Starter 12 V, 1.4 kW

Replacing: 63280002

Servicing: Ford, Mazda, Mercury

B+ M8, Total length 226.00, Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 4.00 mm


**112379** Starter 12 V, 1.8 kW

Replacing: 63113003, 063113003010

Servicing: Fiat

B+ M8, Total length 221.35, Clutch type Wet, Gear type GR, Mounting holes 3 (0)

A: 82.00 B: 10.00 mm


**112380** Starter 12 V, 0.8 kW

Replacing: 63191007, 63101007

Servicing: Smart (MCC)

B+ M8, Total length 179.50, Clutch type Wet, Gear type DD, Mounting holes 2 (2)

A: 70.00 B: 14.70 mm





**112382** Starter 12 V, 0.8 kW  
 Replacing: 63103024, 63103015, 63102020, 63102018, 63102007, 63101018, 63101015  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 191.00,  
 Gear type DD, Mounting holes 3 (1)  
 A: 64.50 B: 10.50 mm



**112390** Starter 12 V, 1.0 kW  
 Replacing: 63226631  
 Servicing: Lister  
 B+ M8, 15a 4.70, Total length 210.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 27.00 mm



**112436** Starter 12 V, 2.3 kW  
 Replacing: 943253266010  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 273.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.50 B: 21.50 mm



**112455** Starter 12 V, 1.4 kW  
 Replacing: 63223432  
 Servicing: Alfa Romeo, Fiat, Lancia, VW  
 B+ M8, 15a 6.30, Total length 241.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 68.00 B: 22.45 mm



**112498** Starter 24 V, 4.0 kW  
 Replacing: 63522310  
 Servicing: Iveco  
 B+ M10, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 49.00 mm



**112533** Starter 12 V, 2.2 kW  
 Replacing: 63222035  
 Servicing: BMW, Land Rover, Opel, Vauxhall  
 B+ M8, 30h M5, Total length 271.75,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 20.00 mm



**112537** Starter 12 V, 2.2 kW  
 Replacing: 943251415010, 50246416  
 Servicing: Audi, Fiat, VW  
 B+ M8, Total length 274.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 27.00 mm



**112660** Starter 12 V, 2.8 kW  
 Replacing: 63227508  
 Servicing: Case  
 B+ M10, Total length 333.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 48.00 mm



**112821** Starter 12 V, 2.2 kW  
 Replacing: 63187051  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 250.80,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 B: 36.00 mm



**113182** Starter 12 V, 3.0 kW  
 Replacing: MSN2039  
 Servicing: New Holland  
 B+ M10, Total length 320.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 110.00 B: 30.00 mm



**113254** Starter 12 V, 1.1 kW  
 Replacing: 63280091  
 Servicing: Citroen, Fiat, Peugeot, Toyota  
 B+ M8, Total length 206.00,  
 Gear type GR, Mounting holes 4 (2)  
 A: 62.00 B: 14.00 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 63230001, 63223104, 63223103, 30003A, 30002A, 30001A, 30000A  
 Servicing: MG, Rover  
 B+ M8, Total length 210.50,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 67.00 B: 39.50 mm


**113381** Starter 12 V, 2.5 kW

Replacing: MT71Z, 63217121

 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 109.70 B: 26.00 mm

**113430** Starter 12 V, 1.8 kW

Replacing: 63113002, 063113002010

 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 226.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 81.50 B: 9.50 mm

**113446** Starter 12 V, 2.2 kW

Replacing: 63224017, 63222005, 63114017

 Servicing: BMW, Land Rover, Opel, Vauxhall  
 B+ M8, 30h M5, Total length 239.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.00 B: 20.00 mm

**113467** Starter 12 V, 3.7 kW

Replacing: 943252216010

 Servicing: Atlas Copco, Deutz-Fahr, Iveco  
 B+ M10, Total length 346.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 28.00 mm

**113654** Starter 12 V, 3.0 kW

Replacing: 63280040

 Servicing: JCB, Perkins  
 B+ M8, B- M8, Total length 292.00,  
 Gear type GR, Mounting holes 3 (0)  
*113654 is a Marelli/Denso version, and cannot  
 replace the Iskra version (Cargore<sup>®</sup> 114387)*  
 A: 88.90 B: 30.50 mm

**113655** Starter 12 V, 3.0 kW

Replacing: 63280041

 Servicing: Hattat Tarim, JCB, Perkins  
 B+ M8, Total length 291.00,  
 Gear type GR, Mounting holes 3 (0)  
*113655 is a Marelli/Denso version, and cannot  
 replace the Iskra version (Cargore<sup>®</sup> 114388)*  
 A: 89.00 B: 30.50 mm

**113659** Starter 12 V, 0.9 kW

Replacing: 63280901

 Servicing: Hyundai, Kia  
 B+ M8, Total length 186.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 76.90 B: 18.00 mm

**113701** Starter 12 V, 1.1 kW

Replacing: 63293538, 63223538

 Servicing: Ford, Mazda  
 B+ M8, Total length 218.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (2)  
*Comstar supply 23 tooth. Real supply 21 tooth.*  
 A: 71.00 B: 14.00 mm

**113750** Starter 12 V, 0.9 kW

Replacing: 63293039, 63223039

 Servicing: Seat, VW  
 B+ M8, Total length 229.00,  
 Gear type DD, Mounting holes 4 (2)  
 A: 82.50 B: 5.00 mm

**113752** Starter 12 V, 1.8 kW

Replacing: 63112003

 Servicing: Fiat  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.80 B: 23.50 mm

**113925** Starter 12 V, 1.8 kW

Replacing: 63193001, 63113001

 Servicing: BMW  
 B+ M8, 30h M5, Total length 215.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.00 B: 21.00 mm

**113962** Starter 12 V, 0.9 kW

 Replacing: 63280042, 63103031, 63102022,  
 63101021

 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mounting holes 2 (1)  
 A: 64.10 B: 10.00 mm



11

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114072\*** Starter 12 V, 2.0 kW

Replacing: 63280071

Servicing: BMW

Gear type GR, Mounting holes 2 (2)



9



**114118** Starter 12 V, 1.4 kW

Replacing: 63223435

Servicing: BMW

B+ M8, 30h M5, Total length 244.00,

Gear type GR, Mounting holes 3 (0)

A: 75.90 B: 23.00 mm



8,9



**114123** Starter 12 V, 0.8 kW

Replacing: 63102021, 63101023, 63101022,  
 63101008, 63101003

Servicing: Fiat

B+ M8, 30h M6, Total length 190.00,

Gear type DD/GR, Mounting holes 3 (2)

A: 64.00 B: 12.00 mm





**110205** Starter 24 V, 6.5 kW  
 Replacing: 9125100  
 Servicing: Volvo  
 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 89.00 B: 47.50 mm



**110209** Starter 24 V, 5.4 kW  
 Replacing: 9125420  
 Servicing: DAF  
 B+ M12, B- M12, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110213** Starter 24 V, 6.6 kW  
 Replacing: 9125020  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 115.00 B: 20.80 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: 9125330, 9125260, 9125220  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: 9125010  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110214** Starter 24 V, 6.6 kW  
 Replacing: 9125120  
 Servicing: Scania  
 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 37.00 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: 9125240  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110211#** Starter 24 V, 6.6 kW  
 Replacing: 9125140  
 Servicing: Scania  
 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 48.00 mm



**110338** Starter 12 V, 0.8 kW  
 Replacing: 9141325  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.90 B: 12.00 mm



**110208** Starter 24 V, 5.4 kW  
 Replacing: 9125250  
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo  
 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 89.00 B: 48.50 mm



**110212** Starter 24 V, 6.6 kW  
 Replacing: 9125460, 9125130  
 Servicing: Iveco, Scania  
 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.65 mm



**110351** Starter 12 V, 1.3 kW  
 Replacing: 9141317  
 Servicing: Lada  
 B+ M8, Total length 245.00,  
 Gear type DD, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140043.  
 A: 83.00 B: 34.00 mm



**110352** Starter 12 V, 1.3 kW  
 Replacing: 9141382  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (3)  
 A: 83.00 B: 21.30 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: 9142860, 9142724  
 Servicing: Ford, Lancer Boss  
 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: 9144965, 9142765  
 Servicing: Buhner, Ford, Matbro, New  
 Holland  
 B+ M8, Total length 319.45,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110464** Starter 12 V, 2.1 kW  
 Replacing: 91428729  
 Servicing: Carbodyes, DAF, Lancer Boss  
 B+ M8, Total length 336.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110517** Starter 24 V, 3.2 kW  
 Replacing: 9124320  
 Servicing: Benfra, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 25.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 9124330  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110519** Starter 12 V, 3.0 kW  
 Replacing: 9142744  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110520** Starter 24 V, 4.0 kW  
 Replacing: 443115174622  
 Servicing: Cummins, Fiat-Allis  
 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110521** Starter 24 V, 4.0 kW  
 Replacing: 9142320  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110522** Starter 12 V, 3.0 kW  
 Replacing: 443115144723  
 Servicing: Fiat, Fiat-Allis, Iveco, New  
 Holland  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: 9174602, 9124310, 443115174602  
 Servicing: ABG, Ahlmann, Case, Compair,  
 Iveco, KHD, Payloader  
 B+ M10, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: 9124350  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 9142746, 443115144726  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110529** Starter 12 V, 3.0 kW  
 Replacing: 9144744  
 Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.00 mm



**110530** Starter 12 V, 3.0 kW  
 Replacing: 9144821, 9144743, 9142880, 443115144743  
 Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 22.00 mm



**110532** Starter 24 V, 6.6 kW  
 Replacing: 9125030  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 115.00 B: 21.00 mm



**110534** Starter 24 V, 5.4 kW  
 Replacing: 9125370  
 Servicing: Fiat, Ford, Iveco  
 B+ M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 9125400  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: 9142803, 9142802  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 287.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110545** Starter 12 V, 3.0 kW  
 Replacing: 91455722, 9144722, 9142741, 443115144729, 443115144620, 443115144420  
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor  
 B+ M10, Total length 335.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110550** Starter 24 V, 4.0 kW  
 Replacing: 9174642, 443115174642  
 Servicing: Ikarus, Kaelble-Gmeinder, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Ssangyong, Steyr, Volvo, ZTS Tees  
 B+ M10, Total length 378.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: 9144742, 443115144742, 443115144640, 443115144540  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: 9125480, 9125270  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110587** Starter 12 V, 1.2 kW  
 Replacing: 9141400  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20,  
 Gear type DD/GR, Mounting holes 3 (3)  
 A: 66.00 B: -4.00 mm




**110615** Starter 12 V, 2.8 kW

Replacing: 9142728

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, Total length 312.25, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.60 mm


**110624#** Starter 12 V, 0.65 kW

Replacing: 9142112, 9142110, 9141312, 443115142112, 443115142110, 443115142071, 11490400, 02914207

Servicing: Skoda

B+ M10, 15a 6.30, Total length 199.00, Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 26.70 mm


**110813** Starter 12 V, 2.7 kW

Replacing: 9144745

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco, Skoda, VW

B+ M10, Total length 294.00, Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm


**110818** Starter 12 V, 2.1 kW

Replacing: 9142764

 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 24.60 mm


**110825#** Starter 12 V, 0.9 kW

Replacing: 9141326

Servicing: Alfa Romeo, Bertone, Fiat, Lancia, Seat

B+ M8, 15a 6.30, Total length 222.50, Gear type DD, Mounting holes 3 (3)

A: 66.00 B: 13.00 mm


**110867** Starter 12 V, 1.7 kW

Replacing: 9141384

Servicing: Ford, Mazda

B+ M8, Total length 265.00, Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 14.25 mm


**110932** Starter 24 V, 5.4 kW

Replacing: 9125430

Servicing: DAF

B+ M10, B- M10, Total length 384.50, Gear type DD, Mounting holes 3 (0), Insulated return

A: 88.85 B: 47.00 mm


**110980** Starter 24 V, 5.4 kW

Replacing: 9125500

Servicing: Volvo

B+ M10, B- M10, Total length 387.00, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**111001** Starter 12 V, 3.0 kW

Replacing: 9144820

Servicing: Lamborghini, Same, Steyr

B+ M10, Total length 320.00, Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 20.60 mm


**111043** Starter 12 V, 0.6 kW

Replacing: 443113516260, 443113516110, 443113516021, 443113516001, 443113516000

Servicing: Evinrude, Johnson

B+ M6, Total length 200.50, Drive type Bronze, Gear type DD

A: 63.30 B: 43.50 mm


**111059** Starter 12 V, 0.9 kW

Replacing: 9141391

Servicing: Seat, VW

B+ M8, 15a 6.30, Total length 230.00, Gear type DD/GR, Mounting holes 3 (0)

Bushing D.E. (clutch house): Cargo 140008.

A: 76.00 B: 33.00 mm


**111060** Starter 12 V, 1.7 kW

Replacing: 9141393

Servicing: VW

B+ M8, Total length 264.35, Gear type GR, Mounting holes 3 (0)

Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 31.80 mm



10,11,12,13


**111070** Starter 12 V, 1.7 kW

Replacing: 9141404

Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Total length 280.00, Gear type GR, Mounting holes 3 (3)

A: 66.00 B: -6.50 mm



9


**111214** Starter 12 V, 1.0 kW

Replacing: 9141430, 9141310, 443115142350, 443115141311, 443115141310

Servicing: Skoda, VW

B+ M8, Total length 194.75, Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 26.45 mm



9


**111218** Starter 24 V, 5.4 kW

Replacing: 9125350

Servicing: Volvo Penta

B+ M10, B- M10, Total length 388.00, Gear type DD, Mounting holes 3 (0), Insulated return

A: 89.00 B: 47.00 mm



11


**111219** Starter 24 V, 6.6 kW

Replacing: 9125490

Servicing: Volvo Penta

B+ M10, B- M10, Total length 407.00, Gear type DD, Mounting holes 3 (0), Insulated return

A: 89.00 B: 47.40 mm



12


**111231** Starter 24 V, 6.6 kW

Replacing: 9125150

Servicing: Renault V.I.

B+ M10, B- M10, Total length 405.00, Gear type DD, Mounting holes 3 (0), Insulated return

A: 89.00 B: 40.25 mm



8


**111241** Starter 12 V, 1.2 kW

Replacing: 9141350

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M8, Total length 207.80, Gear type GR, Mounting holes 2 (2)

A: 73.00 B: 17.00 mm



9


**111249** Starter 24 V, 5.4 kW

Replacing: 9125300

B+ M10, Total length 381.80, Drive type Bronze, Gear type DD, Mounting holes 3 (0), Waterproof

A: 89.00 B: 48.25 mm



9


**111332** Starter 12 V, 2.7 kW

Replacing: 9142801

Servicing: Fendt, Renault

B+ M8, Total length 293.55, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 21.00 mm



10


**111619** Starter 12 V, 1.7 kW

Replacing: 9141385

Servicing: Fiat, Seat

B+ M8, Total length 263.00, Gear type GR, Mounting holes 3 (3)

A: 82.50 B: 24.00 mm



9


**111693** Starter 12 V, 2.5 kW

Replacing: 9142840

Servicing: Fiat, Iveco, Multicar

B+ M10, Total length 295.65, Gear type DD/GR, Mounting holes 3 (1)

A: 110.00 B: 21.65 mm



9


**111748** Starter 12 V, 1.1 kW

Replacing: 9141394

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 223.00, Gear type GR, Mounting holes 2 (0) Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 33.00 mm



10


**111749** Starter 12 V, 1.1 kW

Replacing: 9141413

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 245.00, Gear type GR, Mounting holes 2 (0) Bushing D.E. (clutch house): Cargo 140018.

A: 76.00 B: 52.00 mm



**111752** Starter 12 V, 2.7 kW  
 Replacing: 9142805  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111755** Starter 12 V, 3.0 kW  
 Replacing: 9142700  
 Servicing: John Deere  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111855** Starter 12 V, 2.2 kW  
 Replacing: 9142900, 9142726, 443115142726  
 Servicing: KHD  
 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 23.00 mm



**111909** Starter 12 V, 1.1 kW  
 Replacing: 915111A, 443115141394,  
 443115141313  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.25 B: 32.00 mm



**112005** Starter 12 V, 1.1 kW  
 Replacing: 915111D  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.50, Cl  
 utch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 76.00 B: 52.00 mm



**112074** Starter 12 V, 3.1 kW  
 Replacing: 9142766  
 Servicing: Ford, New Holland  
 B+ M8, Gear type DD, Mounting holes 3  
 (0)  
 A: 92.00 B: 21.00 mm



**112117#** Starter 24 V, 6.6 kW  
 Replacing: 9125160  
 Servicing: Iveco  
 B+ M12, B- M10, Total length 405.50,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed  
 A: 115.00 B: 20.00 mm



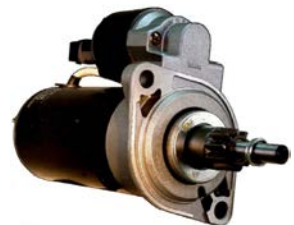
**112118** Starter 24 V, 6.6 kW  
 Replacing: 9125040  
 Servicing: Isotta Fraschini, Iveco  
 B+ M12, B- M10, 15a M6,  
 Total length 405.00, Gear type DD,  
 Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: 9125110  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 41.00 mm



**112131** Starter 12 V, 1.4 kW  
 Replacing: 9141410  
 Servicing: VW  
 B+ M8, 15a 6.30, Total length 244.00,  
 Gear type GR, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.00 mm



**112133** Starter 12 V, 1.7 kW  
 Replacing: 9141414  
 Servicing: Seat, VW  
 B+ M8, Total length 282.50,  
 Gear type GR, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.50 mm



**112167** Starter 12 V, 1.8 kW  
 Replacing: 9141319  
 Servicing: VW  
 B+ M8, Total length 236.00,  
 Gear type GR, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.00 mm





**112286** Starter 12 V, 1.7 kW  
 Replacing: 915109E, 9141396, 9141395, 443115141395  
 Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW  
 B+ M8, Total length 236.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.10 B: 32.00 mm



**112306** Starter 12 V, 1.1 kW  
 Replacing: 9141390  
 Servicing: VW  
 B+ M8, Total length 254.00,  
 Gear type GR, Mounting holes 3 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.00 mm



**112388** Starter 12 V, 1.0 kW  
 Replacing: 9141331, 443115141338, 443115141331  
 Servicing: Skoda  
 B+ M8, Total length 199.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (1)  
 A: 50.00 B: 21.00 mm



**112429** Starter 12 V, 2.0 kW  
 Replacing: 915109D  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 259.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 62.00 mm



**112442** Starter 12 V, 3.0 kW  
 Replacing: 9142745  
 Servicing: John Deere  
 B+ M10, Total length 315.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**112488** Starter 12 V, 2.7 kW  
 Replacing: 9142780, 443115142780  
 Servicing: Belarus  
 B+ M10, Total length 238.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 A: 100.00 B: 32.00 mm



**112822** Starter 24 V, 4.5 kW  
 Replacing: 9122110  
 Servicing: Iveco  
 B+ M10, Total length 293.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 A: 89.00 B: 49.00 mm



**113269** Starter 12 V, 3.0 kW  
 Replacing: 9144702, 9142702, 446115144702, 444115144702, 443115144702, 443115142702  
 Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites  
 B+ M10, Total length 234.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.80 B: 31.50 mm



**113356** Starter 24 V, 3.5 kW  
 Replacing: 9172780, 9172702  
 Servicing: Belarus, GAZ, ZIL  
 B+ M10, Total length 235.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 99.90 B: 32.00 mm



**113677** Starter 12 V, 1.1 kW  
 Replacing: 443115141319  
 Servicing: VW  
 B+ M8, Total length 213.15,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 52.50 mm



**114034** Starter 12 V, 1.0 kW  
 Replacing: 9999984, 915101A  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 52.50 mm



**114254** Starter 12 V, 2.7 kW  
 Replacing: 9142722, 443115144722  
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor  
 Total length 236.00, Gear type GR,  
 Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**114388** Starter 12 V, 3.2 kW

Replacing: 9142903

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 296.50, Gear type DD,

Mounting holes 3 (0)

*Iskra version.*

A: 89.00 B: 32.50 mm


**110312** Starter 12 V, 1.0 kW

Replacing: SM442-10, SM422-07, SM402-21N, SM402-17N, SM402-17, SM302-25, SM302-15, SM302-12, SM302-10

Servicing: Honda, Rover

 B+ M8, Total length 178.00,  
Clutch type GR, Mounting holes 2 (0)

A: 75.00 B: 32.40 mm


**111442** Starter 12 V, 1.4 kW

Replacing: SM402-02, SM302-48, SM302-46, SM302-40, SM302-24, SM302-16, SM302-04

Servicing: Acura, Honda, Rover

 B+ M8, Total length 211.50,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 75.00 B: 33.50 mm


**111458<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: SM302-08, SM302-06, SM302-02

Servicing: Chrysler, Honda

 B+ M8, Total length 209.50,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 75.00 B: 32.50 mm


**111543** Starter 12 V, 1.4 kW

Replacing: SM402-10N, SM402-10, SM302-41N, SM302-28, SM302-27, SM302-18

Servicing: Honda, Mazda

 B+ M8, Total length 199.25,  
Clutch type Wet, Gear type GR,  
Mounting holes 2 (0)

A: 75.00 B: 40.00 mm


**111546** Starter 12 V, 1.6 kW

Replacing: SM302-19

Servicing: Acura, Honda, Rover, Sterling

 B+ M8, Total length 211.00,  
Gear type GR, Mounting holes 3 (0)

A: 75.00 B: 40.00 mm


**111917** Starter 12 V

Replacing: SM13237

Servicing: Yamaha

 B+ M6, Total length 168.00,  
Gear type DD, Mounting holes 2 (0)

A: 30.00 mm


**111921** Starter 12 V, 0.6 kW

Replacing: SM13213

Servicing: Honda

 B+ M6, Total length 193.00,  
Gear type DD, Mounting holes 2 (0)

A: 30.00 B: 36.00 mm


**111922** Starter 12 V

Replacing: SM10230

Servicing: Suzuki

 B+ 6.30, Total length 152.00,  
Gear type GR, Mounting holes 2 (2)

A: 46.00 B: 17.00 mm


**111923** Starter 12 V, 0.6 kW

Replacing: SM13232

Servicing: Honda

 B+ M6, Total length 193.00,  
Gear type DD, Mounting holes 2 (0)

A: 30.00 B: 36.00 mm


**111924** Starter 12 V, 0.6 kW

Replacing: SM13233

Servicing: Honda

 B+ M6, Total length 182.00,  
Gear type DD, Mounting holes 2 (0)

A: 30.00 B: 34.00 mm


**111925<sup>#</sup>** Starter 12 V

Replacing: SM13245

Servicing: Honda

 B+ M6, Total length 159.50,  
Gear type DD, Mounting holes 2 (0)

A: 30.00 B: 40.00 mm




**111926** Starter 12 V, 0.6 kW

Replacing: SM13422

Servicing: Honda

 B+ M6, Total length 193.50,  
 Gear type DD, Mounting holes 2 (0)

A: 30.00 B: 35.50 mm


**111927** Starter 12 V, 0.6 kW

Replacing: SM13475

Servicing: Honda

 B+ M6, Total length 145.00,  
 Gear type DD, Mounting holes 2 (0)

A: 29.90 B: 41.00 mm


**112010** Starter 12 V

Replacing: 3240-110

Servicing: Kawasaki, Polaris, Sea Doo

 B+ M6, Total length 188.50,  
 Gear type DD, Mounting holes 3 (0)

A: 30.00 mm


**112011** Starter 12 V, 0.6 kW

Replacing: 63M818-00

Servicing: Yamaha

 B+ M6, Total length 182.20,  
 Gear type DD, Mounting holes 0 (0)

A: 30.00 mm


**112213<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: SM42226, SM422-26

Servicing: Acura, Honda

 B+ M8, Total length 190.00,  
 Gear type GR, Mounting holes 2 (0)

A: 74.80 B: 40.00 mm


**112214** Starter 12 V, 1.6 kW

 Replacing: SM44223, SM442-23, SM422-27,  
 SM422-16, SM422-14, SM402-05N, SM402-05,  
 SM402-04N, SM402-04

Servicing: Honda, Rover

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 40.00 mm


**113022<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: SM302-22

Servicing: Honda

 B+ M8, Total length 214.10,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)

A: 75.00 B: 31.45 mm


**113024** Starter 12 V, 1.6 kW

Replacing: SM402-15N, SM402-15, SM402-03N, SM402-03

Servicing: Honda

 B+ M8, Total length 211.00,  
 Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 33.00 mm


**113025** Starter 12 V, 1.2 kW

Replacing: SM402-16N, SM402-16

Servicing: Honda

 B+ M8, Total length 219.15,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)

A: 75.00 B: 40.00 mm


**113026<sup>#</sup>** Starter 12 V, 1.6 kW

Replacing: SM402-13N, SM402-13

Servicing: Honda

 B+ M8, Total length 216.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)

A: 75.00 B: 32.00 mm


**113390<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: SM442-09

Servicing: Honda

 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 2 (0)

A: 74.90 B: 32.50 mm


**113392** Starter 12 V, 1.6 kW

Replacing: SM442-29, SM442-01

Servicing: Acura, Honda

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)

A: 74.90 B: 33.00 mm


**113393<sup>#</sup>** Starter 12 V, 1.6 kW

Replacing: SM442-24

Servicing: Honda

 B+ M8, Total length 204.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 33.00 mm

**113394** Starter 12 V, 1.0 kW

Replacing: SM442-13

Servicing: Honda

 B+ M8, Total length 196.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 40.00 mm

**113396<sup>#</sup>** Starter 12 V, 1.6 kW

Replacing: SM422-01

Servicing: Acura, Honda

 B+ M8, Total length 204.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 33.00 mm

**113398** Starter 12 V, 1.6 kW

Replacing: SM442-02, SM422-02

Servicing: Acura, Honda, Isuzu

 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 32.50 mm

**113399** Starter 12 V, 1.0 kW

Replacing: SM422-09

Servicing: Acura, Honda

 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 32.75 mm

**113400<sup>#</sup>** Starter 12 V, 1.6 kW

Replacing: SM442-08

Servicing: Acura, Honda

 B+ M8, Total length 193.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 33.00 mm

**113409** Starter 12 V, 1.6 kW

Replacing: SM422-28

Servicing: Honda

 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 32.50 mm

**113508<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: SM302-45, SM302-44N, SM302-44

Servicing: Honda, Mazda

 B+ M8, Total length 215.65,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 75.00 B: 33.55 mm

**113527** Starter 12 V, 0.6 kW

Replacing: SM13298

Servicing: Polaris

 B+ M6, Total length 149.85,  
 Gear type DD, Mounting holes 3 (3),  
 No./ teeth 17  
 Drive: Cargo 230762.  
 A: 61.00 mm

**113528** Starter 12 V

Replacing: SM13, 3084981

Servicing: Polaris

 B+ M6, Total length 159.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 30.00 mm

**113538** Starter 12 V

Replacing: SM224

Servicing: Honda

 B+ M6, Total length 188.00,  
 Gear type GR, Mounting holes 0 (0)

**113540** Starter 12 V

Replacing: SM2241

Servicing: Yamaha

 B+ M6, Total length 208.00,  
 Gear type DD, Mounting holes 2 (0)  
 Short shaft.


**113541** Starter 12 V

Replacing: SM13277  
 Servicing: Yamaha  
 B+ M6, Total length 254.90,  
 Gear type DD, Mounting holes 2 (0)  
 Long shaft.  
 A: 48.00 mm



9


**113648#** Starter 12 V, 1.6 kW

Replacing: SM442-31  
 Servicing: Acura, Honda  
 B+ M8, Total length 209.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 74.90 B: 33.00 mm



9


**113546** Starter 12 V

Replacing: SM7255  
 Servicing: Yamaha  
 B+ M6, Total length 176.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 30.00 mm



17


**113671** Starter 12 V

Replacing: SM11  
 Servicing: Honda  
 B+ M6, Total length 164.00,  
 Gear type GR, Mounting holes 2 (0)



9


**113547** Starter 12 V

Replacing: SMU0064  
 Servicing: Yamaha  
 B+ M5S, Total length 175.20,  
 Gear type DD, Mounting holes 2 (2)



9


**113821** Starter 12 V, 1.6 kW

Replacing: SM710-05, SM710-02, SM612-09  
 Servicing: Acura, Honda  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 33.00 mm



9


**113617#** Starter 12 V, 1.2 kW

Replacing: SM442-36, SM442-32  
 Servicing: Acura, Honda  
 B+ M8, Total length 199.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.90 B: 31.50 mm



9


**114137** Starter 12 V, 1.2 kW

Replacing: SM710-01  
 Servicing: Honda  
 B+ M8, Total length 215.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 34.00 mm




**110142** Starter 12 V, 1.0 kW

Replacing: MWV4R, MWV3R, MCA02-2, MCA02-0, M2T42981, M2T20181D, M2T20181A, M2T20181, M2T10171

Servicing: Nissan

B+ M8, Total length 231.50, Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 13.00 mm


**110144** Starter 12 V, 1.0 kW

Replacing: MQJR, MQJ2R, MQJ1R, MES07-1, MEA07-11, MEA07-1, MEA07-0, M3T20681, M3T10672

Servicing: Nissan, TCM

B+ M8, Total length 187.00, Gear type DD, Mounting holes 2 (0)

A: 82.25 B: 8.00 mm


**110149** Starter 12 V, 0.9 kW

Replacing: ME110JA, M3T49585, M3T39385, M3T33588, M3T33587, M3T33586A, M3T33586, M3T33582A, M3T33582, M3T33581

Servicing: Mazda, Mercury

B+ M8, Total length 198.00, Gear type DD, Mounting holes 3 (2)

A: 74.00 B: 15.00 mm


**110155** Starter 12 V, 1.0 kW

Replacing: MXYR, MEY3R, MEY1R, MED02-2, MED02-1, MEA13-2, MEA13-1, ME-Y1R, M3T11272

Servicing: Hyundai, Komatsu, Nissan, TCM

B+ M8, Total length 191.00, Gear type DD, Mounting holes 2 (0)

A: 83.00 B: 7.50 mm


**110157** Starter 12 V, 1.0 kW

Replacing: MED03-4, MED03-3, MED03-2, MED03-1, MED02-0, MEA24-1, MEA03-4, MEA03-2, MEA03-1, MEA03-0, MD034212

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M8, Total length 128.00, Gear type DD, Mounting holes 2 (2)

A: 77.00 B: 17.50 mm


**110158** Starter 12 V, 1.2 kW

Replacing: PW501783, MD316001, MD180238, MD162836, MD161437, MD081568, MD081567, MD034121, MD034120, MD021685

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

B+ M8, Total length 233.00, Gear type DD, Mounting holes 2 (2)

A: 77.00 B: 18.00 mm


**110182** Starter 12 V, 0.9 kW

Replacing: M3T10476D, M3T10476, M3T10475, M3T10473, MOT92581, MOT84381

Servicing: Mitsubishi, Yale

B+ M8, Total length 201.50, Gear type DD, Mounting holes 2 (0)

A: 74.00 B: 18.00 mm


**110256** Starter 12 V, 0.8 kW

Replacing: M3T41181, M3T38682, M3T25181, M3T21882, M3T21881, M3T21781, M3T21282, M3T21281

Servicing: Komatsu, Nissan, TCM

B+ M8, Total length 192.00, Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 7.50 mm


**110277** Starter 12 V, 0.8 kW

Replacing: MED04-2, MEC04-2, MEC01-2, MEC01-1, MEC01-0, MEA95-0, M3T41681, M3T38481, M3T29482, M3T29481

Servicing: Nissan

B+ M8, Total length 82.35, Gear type DD, Mounting holes 2 (0)

A: 82.35 B: 6.80 mm

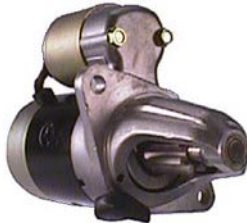

**110278** Starter 12 V, 0.8 kW

Replacing: M3T42281, M3T41381, M3T27688, M3T27686N, M3T27686H, M3T27686D, M3T27686, M3T27685, M3T27681

Servicing: Nissan

 B+ M8, Total length 192.00,  
 Gear type DD, Mounting holes 2 (2)

A: 82.00 B: 3.00 mm


**110279** Starter 12 V, 0.8 kW

Replacing: M3T37782, M3T37081, M3T27781D, M3T27781, M2T49282, M2T37081, M2T27781, M2T23181

Servicing: Nissan, VW

 B+ M8, Total length 227.50,  
 Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 42.00 mm


**110280** Starter 12 V, 1.2 kW

Replacing: M2T52082, M2T52081, M2T52071, M2T50181, M2T50171

Servicing: Nissan

 B+ M8, Total length 211.80,  
 Gear type GR, Mounting holes 2 (0)

A: 82.45 B: 7.20 mm


**110283** Starter 12 V, 1.0 kW

Replacing: MEA01-2AR, MEA01-0, M3T11174, M3T11172, M3T10071, M1T11174, M1T11173, M1T11172

Servicing: Mazda

 B+ M8, Total length 206.50,  
 Gear type DD, Mounting holes 2 (0)

A: 74.00 B: 19.70 mm


**110291** Starter 12 V, 1.2 kW

Replacing: MD021866, MD021666, M4T14872, M4T14771, M4T14572

Servicing: Dodge, Mitsubishi, Plymouth

 B+ M8, Total length 256.00,  
 Gear type DD, Mounting holes 2 (2)

A: 77.00 B: 17.60 mm


**110292** Starter 12 V, 1.1 kW

Replacing: MM115517, MM115514, MM115513, MD189054, MD115514, M3T42881, M3T32681, M3T25981, M3T24917, M3T22681

Servicing: Mitsubishi

 B+ M8, Total length 206.80,  
 Gear type DD, Mounting holes 2 (0)

A: 76.00 B: 19.00 mm


**110295**<sup>#</sup> Starter 12 V, 1.0 kW

Replacing: M1T70387, M1T70381A, M1T70381

Servicing: Subaru

 B+ M8, Total length 199.60,  
 Gear type GR, Mounting holes 2 (0)

A: 82.45 B: 33.00 mm


**110308**<sup>#</sup> Starter 12 V, 1.0 kW

Replacing: MEA06-1

Servicing: Nissan

 B+ M8, Total length 208.00,  
 Gear type DD, Mounting holes 2 (0)

A: 82.45 B: 10.00 mm


**110310**<sup>#</sup> Starter 12 V, 1.0 kW

Replacing: M3T41581, M3T30583, M3T30581J, M3T30581H, M3T30581, M2T30881

Servicing: Nissan

 B+ M8, Total length 189.25,  
 Gear type DD, Mounting holes 2 (2)

A: 82.40 B: 2.50 mm


**110311**<sup>#</sup> Starter 12 V, 1.2 kW

Replacing: MD162389, MD072585, MD027585, MD027382, MD027381, MD027380, MD023758, MD023746, M2T54086, M2T53282

Servicing: Chrysler, Dodge, Mitsubishi, Plymouth

 B+ M8, 15a 6.30, Total length 220.00,  
 Gear type GR, Mounting holes 2 (2)

A: 77.00 B: 20.00 mm


**110315** Starter 12 V, 0.9 kW

Replacing: MD162837, MD107615, MD100431, MD066761, MD027401, MD027400, MD021674, MD016921, M4T14772, M3T41285

Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton

 B+ M8, Total length 188.93,  
 Gear type DD, Mounting holes 2 (2)  
 A: 76.00 B: 18.40 mm

**110389** Starter 12 V, 2.2 kW

Replacing: M2T92071A, M2T92071

Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki

 B+ M8, Total length 232.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 88.00 B: 6.00 mm

**110394** Starter 12 V, 0.85 kW

Replacing: M3T41781, M3T39981, M3T38981, M3T34782, M3T34781, M3T31471, M1T74583ZC, M1T74583, M1T74581

Servicing: Chevrolet, GEO, Suzuki

 B+ M8, Total length 189.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 65.85 B: 4.35 mm

**110411** Starter 12 V, 1.4 kW

Replacing: MD011553

Servicing: Toyota, VW

 B+ M8, Total length 189.30,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 20.00 mm

**110415** Starter 12 V, 1.4 kW

Replacing: M2T58381

Servicing: Nissan

 B+ M8, Total length 221.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 8.00 mm

**110421** Starter 12 V, 0.8 kW

Replacing: M3T49982, M3T49981, M3T33481, M3T33181, M3T29681

Servicing: Daihatsu, Kubota, Suzuki, Toyota

 B+ M8, Total length 188.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 66.00 B: 16.00 mm

**110479** Starter 12 V, 0.9 kW

Replacing: MD016920, M3T32585

Servicing: Hyundai, Mitsubishi

 B+ M8, Total length 189.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 77.00 B: 17.00 mm

**110572** Starter 12 V, 1.2 kW

Replacing: MD320618, MD318086, MD171228, M2T58681, M1T79781, M1T79681

Servicing: Mitsubishi, Nissan

 B+ M8, Total length 207.75,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.95 B: 17.30 mm

**110576** Starter 24 V, 3.2 kW

Replacing: ME017089, ME017085, ME017061, ME017056, ME017036, ME017035, ME017034, M2T67884, M2T67883, M2T67882

Servicing: Mitsubishi

 B+ M8, Total length 243.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 60.00 B: 19.40 mm

**110578** Starter 12 V, 2.0 kW

Replacing: M3T66074, M3T66073, M3T66072, M3T66071, M2T66074, M2T60073, M2T60072, M2T60071, M2T54372, M2T54371

Servicing: Ford, Mazda

 B+ M8, Total length 241.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 89.95 B: 41.00 mm

**110584** Starter 12 V, 1.2 kW

Replacing: M3T40371

Servicing: Citroen, Peugeot

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 66.00 B: -7.00 mm

**110585** Starter 12 V, 1.2 kW

Replacing: M3T32989, M3T32988, M3T32986, M3T32985

Servicing: Renault, Volvo

 B+ M8, Total length 214.15,  
 Gear type DD, Mounting holes 4 (4)  
 A: 66.00 B: -2.00 mm





11


**110717#** Starter 12 V, 1.8 kW

Replacing: M2T54882, M2T54881, M2T54871

Servicing: Nissan

B+ M8, Total length 229.00,

Gear type GR, Mounting holes 2 (0)

A: 82.00 B: 7.70 mm



9


**110774#** Starter 12 V, 0.9 kW

Replacing: M3T19371

Servicing: Talbot

B+ M8, 15a 6.30, Total length 245.00,

Gear type DD, Mounting holes 3 (0)

A: 83.00 B: 11.50 mm



8


**110807** Starter 12 V, 0.85 kW

Replacing: M3T33081, M1T71811

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Total length 197.25,

Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 20.50 mm



8,10


**110808** Starter 12 V, 0.85 kW

Replacing: M3T49781, M3T49581, M3T49481,

M3T49381, M3T43581, M3T39481, M3T38885,

M3T38884, M3T38883, M3T38882C

Servicing: Ford, Kia, Mazda

B+ M8, Total length 197.00,

Gear type DD, Mounting holes 3 (2)

A: 74.00 B: 14.50 mm



10,12,13


**110809** Starter 12 V, 2.0 kW

Replacing: MD191435, MD191433, MD164975,

MD162975, MD156986, MD084414, MD070934,

MD069166, MD061154, MD050205

Servicing: Dodge, Hyundai, Mitsubishi,

Proton

B+ M8, Total length 241.45,

Gear type GR, Mounting holes 2 (2)

A: 76.90 B: 0.00 mm



10


**110810** Starter 12 V, 1.4 kW

Replacing: M1T77381ZC, M1T77381,

M1T71881A, M1T71881, M1T71281ZC,

M1T71281B, M1T71281AC, M1T71281A,

M1T71281

Servicing: Ford, Kia, Mazda

B+ M8, Total length 208.00,

Gear type GR, Mounting holes 3 (2)

A: 73.50 B: 16.00 mm



8


**110811** Starter 12 V, 1.2 kW

Replacing: MD174483, MD172860, MD162839,

MD099667, MD072582, M1T70485A,

M1T70485, M1T70483ZC, M1T70483

Servicing: Dodge, Eagle, Hyundai, Kia,

Mazda, Mitsubishi, Plymouth

B+ M8, Total length 206.50,

Gear type GR, Mounting holes 2 (2)

A: 77.00 B: 17.25 mm



9,10


**110824** Starter 12 V, 1.1 kW

Replacing: M1T50071

Servicing: Audi, Porsche, VW

B+ M8, 15a M5, Total length 255.50,

Gear type DD, Mounting holes 2 (1)

A: 82.00 B: 20.60 mm



9


**110837#** Starter 12 V, 1.05 kW

Replacing: M3T39881, M3T39781, M3T19871,

M3T19771

Servicing: Citroen, Peugeot, Rover, Talbot

B+ M8, Total length 222.00,

Gear type DD, Mounting holes 3 (0)

A: 74.50 B: 5.70 mm



9


**110856** Starter 12 V, 0.6 kW

Replacing: A3T02192

Servicing: Renault

B+ M8, Total length 208.50,

Gear type DD, Mounting holes 2 (0)

A: 66.00 B: 21.00 mm



9


**110865** Starter 12 V, 0.95 kW

Replacing: M3T80571

Servicing: Audi, VW

B+ M8, 15a 6.30, Total length 228.75,

Gear type DD, Mounting holes 3 (3)

Bushing D.E. (clutch house): Cargo 140500.

A: 82.50 B: 15.00 mm



15


**110933** Starter 12 V, 1.4 kW

Replacing: MM409414, MM409410, M2T50391, M2T50381, M2T50371

Servicing: Iseki

 B+ M8, Total length 220.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.90 B: 29.25 mm


13,15


**110947** Starter 12 V, 2.0 kW

Replacing: MM409413, MM409411, M8T70471A, M8T70471, M3T61171, M2T56272, M2T56271

Servicing: Mitsubishi

 B+ M8, Total length 238.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 77.00 B: 31.00 mm


8


**110958** Starter 12 V, 0.9 kW

Replacing: MD667539, MD192228, MD180239, MD162838, M3T43481, M3T42781ZC, M3T42781, M2T48081

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

 B+ M8, Total length 188.50,  
 Gear type DD, Mounting holes 2 (2)  
 A: 77.00 B: 10.80 mm


12


**110999** Starter 24 V

Replacing: M7T03777, M7T03774

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

 B+ M12, 15a M5, Total length 499.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 46.50 mm



11


**111000** Starter 24 V

Replacing: M4T95481

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

 B+ M12, Total length 497.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 2MT.

A: 92.00 B: 47.25 mm



8


**111005** Starter 12 V, 0.8 kW

Replacing: M3T30981

Servicing: Sumitomo, Yale

 B+ M8, Total length 190.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 74.00 B: 16.75 mm


10,11,12,13


**111070** Starter 12 V, 1.7 kW

Replacing: M2T90071, M1T90281, M1T50172, M1T50171, M0T80082

Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

 B+ M8, Total length 280.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -6.50 mm


8


**111080#** Starter 12 V, 1.4 kW

Replacing: M1T72985A, M1T72985

Servicing: Infiniti, Nissan

 B+ M8, Total length 218.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.45 B: 41.75 mm


9


**111108** Starter 12 V, 1.2 kW

Replacing: M1T60381, M1T60081

Servicing: Mitsubishi, Nissan

 B+ M8, Total length 198.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.30 B: 8.25 mm


8,10


**111182** Starter 12 V, 0.8 kW

Replacing: M3T49282, M3T49281, M3T48382, M3T40471

Servicing: Subaru

 B+ M8, Total length 213.75,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.40 B: 39.80 mm


**111241** Starter 12 V, 1.2 kW

Replacing: MD313327, MD309471, MD172863, MD162842, MD136933, MD122625, MD112625, M313327D, M1T79081, M1T72583G

Servicing: Dodge, Hyundai, Kia, Mitsubishi

 B+ M8, Total length 207.80,  
 Gear type GR, Mounting holes 2 (2)

A: 73.00 B: 17.00 mm


**111242#** Starter 12 V, 1.2 kW

Replacing: MD362207, MD309472, MD172864, MD162843, M1T78981, M1T73283, M1T73281, MOT85981

Servicing: Dodge, Hyundai, Mitsubishi

 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 2 (2)

A: 73.00 B: 10.25 mm


**111246#** Starter 12 V, 1.7 kW

Replacing: M1T76281, M1T75381A, M1T75381, M1T75181A, M1T75181, M1T74381A, M1T74381, M1T71781

Servicing: Mazda

 B+ M8, Total length 254.00,  
 Gear type GR, Mounting holes 3 (3)

A: 67.00 B: 17.00 mm


**111251** Starter 12 V, 1.1 kW

Replacing: M2T48381, M2T13581, M2T13281

Servicing: Dacia, Renault, Volvo

 B+ M8, Total length 208.20,  
 Gear type GR, Mounting holes 4 (4)

A: 66.00 B: -2.00 mm


**111272** Starter 12 V, 2.2 kW

Replacing: M8T75171, M8T71571, M8T70371, M2T74371, M2T62271

Servicing: Mitsubishi

 B+ M8, Total length 260.00,  
 Gear type GR, Mounting holes 2 (0)

A: 82.45 B: 22.90 mm


**111273** Starter 12 V, 2.7 kW

Replacing: M5T22171, M2T54572, M2T54571

Servicing: Hyster, Yale

 B+ M8, Total length 240.30,  
 Gear type GR, Mounting holes 3 (0)

A: 100.00 B: 31.65 mm


**111275** Starter 12 V, 2.0 kW

Replacing: M5T23172, M3T64172, M2T61371, M2T60271, M2T56475, M2T56472, M2T56471, M2T54671

Servicing: Ford, Mitsubishi

 B+ M8, Total length 250.00,  
 Gear type GR, Mounting holes 2 (0)

A: 82.40 B: 23.50 mm


**111300** Starter 12 V, 1.4 kW

Replacing: M8T70071, M2T58981, M2T54091, M2T54085, M2T54083

Servicing: Bobcat, Ford, Volvo Penta

 B+ M8, Total length 114.55,  
 Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 21.00 mm


**111303** Starter 12 V, 0.8 kW

Replacing: M2T48681, M2T41171, M0T70285, M0T70281

Servicing: Jaguar, Nissan

 B+ M8, Total length 185.15,  
 Gear type DD/GR, Mounting holes 2 (1)

A: 69.95 B: 11.15 mm


**111305** Starter 12 V, 1.2 kW

Replacing: MD180241, MD174482, MD172861, MD162840, M1T77481, M1T73383ZC, M1T73383, M1T73382, M1T73381ZC

Servicing: Hyundai, Kia, Mitsubishi

 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 2 (2)

A: 77.00 B: 10.20 mm


**111310** Starter 12 V, 0.8 kW

Replacing: M3T44281, M3T41885, M3T41881, M3T33871, M3T33785, M3T33781ZC, M3T33781, M3T33585, M2T46081ZE

Servicing: Chevrolet, GEO, Pontiac, Subaru, Suzuki

 B+ M8, Total length 190.50,  
 Gear type GR, Mounting holes 2 (2)

A: 75.00 B: 7.80 mm


**111311** Starter 12 V, 1.7 kW

Replacing: M1T75581ZC, M1T75581

Servicing: Ford, Mazda

 B+ M8, Total length 231.55,  
 Gear type GR, Mounting holes 3 (0)

A: 72.00 B: 45.40 mm




**111312** Starter 12 V, 0.8 kW

Replacing: M3T37783, M2T49283, M1T77281, MOT80285A, MOT80285

Servicing: Nissan

 B+ M8, Total length 221.70,  
 Gear type DD/GR, Mounting holes 2 (0)  
 A: 70.00 B: 43.00 mm

**111333** Starter 12 V, 1.1 kW

Replacing: M1T74491

Servicing: Renault

 B+ M8, Total length 208.55,  
 Gear type GR, Mounting holes 3 (3)  
 B: 3.00 mm

**111349** Starter 12 V, 1.2 kW

 Replacing: M1T84382ZC, M1T84381ZC,  
 M1T84381, M1T74287ZC, M1T74286ZC,  
 M1T74283ZC, M1T74283, M1T74281ZC

Servicing: Jeep

 B+ M8, Total length 230.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.40 B: 5.50 mm

**111374** Starter 12 V, 1.5 kW

Replacing: M1T96581

Servicing: Ford, Jaguar, Mazda, Mercury

 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (0)

**111448<sup>#</sup>** Starter 12 V, 2.0 kW

Replacing: M2T61272, M2T54771

Servicing: Nissan

 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 8.00 mm

**111451** Starter 12 V, 1.4 kW

 Replacing: M1T86481, M1T84481, M1T75681,  
 M1T74087, M1T74081A, M1T74081, MOT20171

Servicing: Subaru

 B+ M8, Total length 210.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)

A: 82.50 B: 33.50 mm


**111452** Starter 12 V, 0.8 kW

 Replacing: M3T41185, M3T21882D,  
 M3T21281D

Servicing: TCM

 B+ M8, Total length 191.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.00 B: 7.00 mm

**111456** Starter 12 V, 1.4 kW

Replacing: MD017649

Servicing: Chrysler, Dodge, Plymouth

 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 80.00 B: 7.00 mm

**111459** Starter 12 V, 1.2 kW

 Replacing: M1T72087A, M1T72087,  
 M1T72086A, M1T72086, M1T72085A,  
 M1T72085

Servicing: Jaguar, Nissan

 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 69.90 B: 11.50 mm

**111461** Starter 12 V, 2.2 kW

 Replacing: MD164977, MD156989, MD095865,  
 MD072654, M2T61072, M2T61071, M2T60172,  
 M2T60171

Servicing: Dodge, Hyundai, Mitsubishi

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 77.00 B: 3.50 mm

**111472<sup>#</sup>** Starter 12 V, 1.4 kW

 Replacing: M1T70982A, M1T70982,  
 M1T70981A, M1T70981

Servicing: Nissan

 B+ M8, Total length 207.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)  
 A: 82.50 B: 3.50 mm

**111473<sup>#</sup>** Starter 12 V, 1.4 kW

Replacing: M1T60185, M1T60181

Servicing: Nissan

 B+ M8, Total length 192.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.40 B: 42.50 mm


**111475** Starter 12 V, 0.8 kW

Replacing: M3T33183, M3T33182, M2T49189, M2T49181, M2T42381, M2T41586, M2T41581, M2T33183, M2T33182, M2T30586

Servicing: Suzuki

B+ M8, 15a 4.70, Total length 185.50, Gear type DD, Mounting holes 2 (0)

A: 66.00 B: 18.00 mm


**111476** Starter 12 V, 2.0 kW

Replacing: MD164976, MD140190, M2T74171, M2T57773, M2T57771

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 240.00, Clutch type Wet, Gear type GR, Mounting holes 2 (2)

A: 77.00 B: 10.00 mm


**111485** Starter 12 V, 1.2 kW

Replacing: M1T60286, M1T60285A, M1T60285, M1T60281

Servicing: Ford, Nissan

B+ M8, Gear type GR, Mounting holes 2 (0)

A: 83.00 B: 8.00 mm


**111488**<sup>#</sup> Starter 12 V, 1.4 kW

Replacing: M2T72781, M1T72781B, M1T72781A, M1T72781, M1T72285, M1T72281A, M1T72281

Servicing: Nissan

B+ M8, Total length 220.00, Gear type GR, Mounting holes 3 (3)

A: 70.00 B: 28.00 mm


**111506**<sup>#</sup> Starter 12 V, 2.2 kW

Replacing: M2T62071A, M2T62071, M2T61871B, M2T61871A, M2T61871

Servicing: Nissan

B+ M8, Total length 230.35, Gear type GR, Mounting holes 2 (2)

A: 82.00 B: 3.00 mm


**111508** Starter 12 V, 1.2 kW

Replacing: MD308088

Servicing: Mitsubishi

B+ M8, Total length 207.50, Gear type GR, Mounting holes 2 (2)

A: 71.00 B: 4.00 mm


**111549** Starter 12 V, 1.4 kW

Replacing: M1T61181, M1T60581

Servicing: Nissan

B+ M8, Total length 199.00, Gear type GR, Mounting holes 2 (2)

A: 82.45 B: 3.65 mm


**111552** Starter 12 V, 1.0 kW

Replacing: M3T43181, M1T77181, M0T83981, M0T81681, M0T30475, M0T30471

Servicing: Subaru

B+ M8, Total length 204.25, Gear type GR, Mounting holes 2 (0)

A: 65.00 B: 50.00 mm


**111557** Starter 12 V, 1.2 kW

Replacing: M2T50981, M1T50471

Servicing: Mazda

B+ M8, Total length 228.00, Gear type GR, Mounting holes 3 (3)

A: 74.00 B: 15.50 mm


**111560**<sup>#</sup> Starter 12 V, 0.8 kW

Replacing: M2T37281

Servicing: Subaru

B+ M8, Total length 232.50, Gear type DD, Mounting holes 2 (0)

A: 82.45 B: 39.15 mm


**111562** Starter 12 V, 1.4 kW

Replacing: M1T71481A, M1T71481

Servicing: Nissan

B+ M8, Total length 206.00, Clutch type Wet, Gear type GR, Mounting holes 2 (2)

A: 82.35 B: 3.00 mm


**111565** Starter 12 V, 2.2 kW

Replacing: MD191437, MD177596, MD164978, MD156987, MD121581, M2T63171, M2T62771, M2T61171, M2T60185

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 239.25, Clutch type Wet, Gear type GR, Mounting holes 2 (2)

A: 77.30 B: 10.00 mm





**111608** Starter 12 V, 1.4 kW  
 Replacing: M1T78881, M1T72981A, M1T72981  
 Servicing: Infiniti, Nissan  
 B+ M8, Total length 216.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.25 B: 43.00 mm



**111634#** Starter 12 V, 1.2 kW  
 Replacing: M2T52271  
 Servicing: Mitsubishi  
 B+ M8, Total length 203.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 69.90 B: 12.50 mm



**111703** Starter 12 V, 2.0 kW  
 Replacing: M2T63371  
 Servicing: Ford, Perkins  
 B+ M8, Total length 250.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 73.80 B: 19.50 mm



**111728** Starter 12 V, 1.4 kW  
 Replacing: M3T27881, M2T25481, M2T23685  
 Servicing: Nissan  
 B+ M8, Total length 228.50,  
 Gear type GR, Mounting holes 2 (0)  
 B: 15.00 mm



**111730** Starter 12 V, 1.0 kW  
 Replacing: MOT80381  
 Servicing: Mazda, Peugeot  
 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 73.90 B: 13.00 mm



**111849** Starter 12 V, 0.8 kW  
 Replacing: M2T47382, M2T47381, MOT81981  
 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 75.00 B: 6.50 mm



**111912** Starter 12 V, 2.2 kW  
 Replacing: MD348221, MD344182,  
 MD312858, MD312857, M2T88271, M2T87971,  
 M2T87072ZT, M2T87071ZT, M2T87071  
 Servicing: Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 238.20,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 2.50 mm



**111913** Starter 24 V, 3.2 kW  
 Replacing: M5T27671, M3T54072, M3T54071,  
 M2T65275, M2T65272, M2T65271  
 Servicing: Mitsubishi  
 B+ M8, Total length 250.50,  
 Gear type GR, Mounting holes 2 (0),  
 Oil sealed  
 A: 82.50 B: 22.75 mm



**111970** Starter 12 V, 1.0 kW  
 Replacing: MOT80081  
 Servicing: Mazda  
 B+ M8, Total length 196.70,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (2)  
 A: 74.00 B: 14.50 mm



**111971** Starter 12 V, 1.2 kW  
 Replacing: MR994325, MD360368, MD356104,  
 MD332022, MD301351, M332022D, MOT81284,  
 MOT81283, MOT81281, MOT80581  
 Servicing: Mitsubishi  
 B+ M8, Total length 195.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 75.00 B: 10.00 mm



**111994** Starter 12 V, 0.7 kW  
 Replacing: M2T13081, MOT45071ZT  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 62.00 B: -4.00 mm



**112053** Starter 12 V, 2.2 kW  
 Replacing: M2T84771, M2T80582  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 3 (3)  
 A: 74.00 B: -6.00 mm





**112103** Starter 12 V, 2.2 kW  
 Replacing: M2T87671  
 Servicing: Opel, Renault, Vauxhall  
 B+ M8, Total length 272.55,  
 Gear type GR, Mounting holes 3 (0)  
 A: 72.00 B: 0.50 mm



**112177** Starter 12 V, 1.7 kW  
 Replacing: M2T58971, M1T66081  
 Servicing: Ford, New Holland  
 B+ M8, Total length 213.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 20.00 mm



**112178** Starter 12 V, 1.6 kW  
 Replacing: MM317600, M2T50285, M2T50281,  
 M2T50271  
 Servicing: Komatsu, Mitsubishi, Pel Job,  
 Toro, Vetus  
 B+ M8, Total length 228.50,  
 Gear type DD/GR, Mounting holes 2 (0)  
 A: 77.00 B: 17.00 mm



**112185** Starter 12 V, 1.2 kW  
 Replacing: M2T53681  
 Servicing: LDV, Mitsubishi, Pel Job, Vetus  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 18.00 mm



**112215** Starter 12 V, 0.95 kW  
 Replacing: M3T48181  
 Servicing: Mazda  
 B+ M8, Total length 202.00,  
 Gear type DD, Mounting holes 3 (2)  
 A: 74.00 B: 15.00 mm



**112227** Starter 24 V, 8.0 kW  
 Replacing: M9T80271  
 Servicing: Renault V.I.  
 B+ M10, 15a M5, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: M3T90072, M3T90071  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 A: 89.00 B: 46.50 mm



**112276** Starter 12 V, 2.5 kW  
 Replacing: M8T50072, M8T50071A, M8T50071  
 Servicing: Ford  
 B+ M10, 15a M8, Total length 288.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.90 B: 34.00 mm



**112295** Starter 12 V, 1.7 kW  
 Replacing: MD329260  
 Servicing: Mitsubishi, Renault, Volvo  
 B+ M8, Total length 265.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -0.50 mm



**112300** Starter 12 V, 1.4 kW  
 Replacing: M1T86181, M1T79581, M1T76481,  
 MOT85881, MOT85681ZC, MOT85681  
 Servicing: Chevrolet, Suzuki  
 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 66.00 B: 4.50 mm



**112301** Starter 12 V, 1.2 kW  
 Replacing: M1T79482, M1T79481  
 Servicing: Dodge, Jeep  
 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 68.00 B: 18.00 mm



**112323** Starter 24 V, 5.0 kW  
 Replacing: M3T56183, M3T56182, M3T56181,  
 M3T56174, M3T56172  
 Servicing: Caterpillar, Mitsubishi  
 B+ M8, Total length 292.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 23.00 mm


**112342** Starter 24 V, 5.5 kW

Replacing: ME057990, ME057985, ME057845, ME057350, ME057200, M4T55077, M4T55076, M4T55072, M4T55071, M3T95082

Servicing: Hyundai, Mitsubishi

 B+ M10, Total length 368.00,  
 Gear type GR, Mounting holes 3 (0)

A: 100.00 B: 68.00 mm


**112368** Starter 12 V, 1.4 kW

Replacing: MOT60082, MOT60081A, MOT60081

Servicing: Nissan

 B+ M8, Total length 199.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)

A: 82.50 B: 7.00 mm


**112370** Starter 12 V, 2.2 kW

Replacing: ME204425B, ME204425, ME204424A, ME204424, ME202970, ME201650A, ME201650, M8T75074ZT, M8T75074

Servicing: Mitsubishi

 B+ M8, Total length 240.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)

A: 77.00 B: 8.00 mm


**112474** Starter 12 V, 1.8 kW

Replacing: MW30620657, M1T85981, M1T85682, M1T85681, 1810A048

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

 B+ M8, Total length 238.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (2)

B: -2.00 mm


**112822** Starter 24 V, 4.5 kW

Replacing: M8T61671

Servicing: Iveco

 B+ M10, Total length 293.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)

A: 89.00 B: 49.00 mm


**112844#** Starter 12 V, 1.4 kW

Replacing: M1T73881ZC, M1T73881

Servicing: Nissan

 B+ M8, Total length 206.70,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)

A: 70.00 B: 28.60 mm


**112845** Starter 12 V, 1.4 kW

Replacing: M1T77781ZC, M1T77781, M1T77777ZC, M1T77777

 Servicing: Chrysler, Dodge, Eagle, Plymouth  
 B+ M8, Total length 240.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (3)

A: 82.00 B: 8.00 mm


**112846** Starter 12 V, 1.4 kW

Replacing: M1T78581ZC, M1T78581

Servicing: Chrysler, Dodge

 B+ M8, Total length 231.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)

A: 81.90 B: 7.70 mm


**113036#** Starter 12 V, 1.2 kW

Replacing: M3T36081

Servicing: Mazda

 B+ M8, Total length 238.30,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (1)

A: 67.00 B: 44.00 mm


**113037#** Starter 12 V, 0.9 kW

Replacing: M3T70382, M3T70381

Servicing: Nissan

 B+ M8, Total length 189.70,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)

A: 82.50 B: 7.00 mm


**113038** Starter 12 V, 0.7 kW

Replacing: MD301350, M2T44781

Servicing: Mitsubishi, Subaru

B+ M8, Total length 189.00,

Clutch type Wet, Gear type DD,

Mounting holes 2 (2)

A: 77.00 B: 11.00 mm


**113040** Starter 12 V, 0.9 kW

Replacing: MD359972, MD321445, MD301348G, MD301348, M3T44182, M3T44181, M3T44091ZT, M3T44081ZT, M3T44081

Servicing: Mitsubishi

B+ M8, Total length 190.50,

Clutch type Wet, Gear type DD,

Mounting holes 2 (2)

A: 76.90 B: 10.50 mm


**113041**<sup>#</sup> Starter 12 V, 1.4 kW

Replacing: M2T25282, M2T25281

Servicing: Infiniti, Nissan

B+ M8, Total length 241.30,

Clutch type Wet, Gear type GR,

Mounting holes 2 (0)

B: 14.00 mm


**113043**<sup>#</sup> Starter 12 V, 1.7 kW

Replacing: M1T74482, M1T74481, M1T73581

Servicing: Dodge, Eagle

B+ M8, Total length 230.00,

Clutch type Wet, Gear type GR,

Mounting holes 3 (3)

A: 82.00 B: 3.00 mm


**113044** Starter 12 V, 1.4 kW

Replacing: M1T76082ZC, M1T76082, M1T76081ZC, M1T76081

Servicing: Jeep

B+ M8, Total length 215.10,

Clutch type Wet, Gear type GR,

Mounting holes 2 (0)

A: 71.80 B: 23.00 mm


**113045** Starter 12 V, 1.4 kW

Replacing: MOT60181A, MOT60181

Servicing: Infiniti, Nissan

B+ M8, Total length 193.00,

Clutch type Wet, Gear type GR,

Mounting holes 2 (2)

A: 82.45 B: 16.60 mm


**113046**<sup>#</sup> Starter 12 V, 1.2 kW

Replacing: MD363633, MD351508, MOT80784, MOT80783

Servicing: Chrysler, Dodge, Mitsubishi

B+ M8, Total length 193.30,

Clutch type Wet, Gear type GR,

Mounting holes 2 (2)

A: 70.00 B: 10.00 mm


**113047**<sup>#</sup> Starter 12 V, 1.4 kW

Replacing: MOT83381

Servicing: Dodge, Jeep

B+ M8, Total length 209.00,

Clutch type Wet, Gear type GR,

Mounting holes 2 (1)

A: 71.70 B: 8.65 mm


**113128**<sup>#</sup> Starter 12 V, 1.0 kW

Replacing: MEA10-7, MEA10-07, M3T10977

Servicing: Onan

B+ M8, Total length 209.00,

Gear type GR, Mounting holes 3 (0)

A: 64.95 B: 19.00 mm


**113129** Starter 24 V, 4.5 kW

Replacing: ME077407, ME077048, ME067611, ME037636, ME037465, ME037330, ME037150, M6T10673, M4T50177, M4T50171

Servicing: Mitsubishi

B+ M10, Total length 290.00,

Gear type GR, Mounting holes 2 (1)

A: 110.00 B: 64.50 mm


**113135**<sup>#</sup> Starter 12 V, 1.2 kW

Replacing: M1T70881A, M1T70881

Servicing: Mazda

B+ M8, Total length 232.00,

Gear type GR, Mounting holes 2 (0)

A: 66.90 B: 45.50 mm




**113136** Starter 12 V, 2.0 kW

Replacing: M1T68081ZC, M1T68081, M1T64285

Servicing: Mercury, Nissan

 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (0)

A: 61.00 B: 56.00 mm


**113137**<sup>#</sup> Starter 12 V, 1.2 kW

Replacing: M1T77581

Servicing: Mazda

 B+ M8, Total length 232.00,  
 Gear type GR, Mounting holes 2 (0)

A: 66.90 B: 46.50 mm


**113138**<sup>#</sup> Starter 12 V, 1.4 kW

Replacing: M1T78181

Servicing: Mazda

 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 3 (2)

A: 73.90 B: 15.00 mm


**113139** Starter 12 V, 1.2 kW

Replacing: MOT80281ZC, MOT80281B, MOT80281AC, MOT80281A, MOT80281

Servicing: Nissan

 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (0)

A: 69.90 B: 41.50 mm


**113140**<sup>#</sup> Starter 12 V, 2.0 kW

Replacing: ME001565, M5T23871, M5T22072, M2T61771, M2T57871, M2T56871

 B+ M8, Total length 249.50,  
 Gear type GR, Mounting holes 2 (0)

A: 60.00 B: 20.00 mm


**113141** Starter 12 V, 0.8 kW

Replacing: M2T43881, M2T43781, M2T43681, M2T43481, M2T32581

Servicing: Mitsubishi, New Holland, Onan

 B+ M8, Total length 210.00,  
 Gear type DD, Mounting holes 2 (0)

A: 73.90 B: 29.50 mm


**113194** Starter 24 V, 3.2 kW

Replacing: ME017004, ME017001, M3T52071, M2T64272, M2T64271

Servicing: Caterpillar, Mitsubishi

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 3 (0)

A: 99.90 B: 22.00 mm


**113195** Starter 24 V, 3.2 kW

Replacing: ME014418, ME013008, ME012995, M8T80071B, M8T80071A, M8T80071

Servicing: Mitsubishi

 B+ M8, Total length 257.00,  
 Gear type GR, Mounting holes 2 (0)

A: 59.90 B: 14.00 mm


**113210** Starter 24 V, 3.2 kW

Replacing: M2T64373, M2T64372, M2T64371

Servicing: Nissan

 B+ M8, Total length 240.00,  
 Gear type DD/GR, Mounting holes 3 (0)

A: 105.00 B: 11.00 mm


**113229**<sup>#</sup> Starter 12 V, 1.2 kW

Replacing: MD306997, M1T78481

Servicing: Dodge, Mitsubishi

 B+ M8, Total length 216.00,  
 Gear type GR, Mounting holes 2 (2)

A: 72.90 B: 17.00 mm


**113234**<sup>#</sup> Starter 12 V, 1.2 kW

Replacing: MD306998, M1T78381

Servicing: Dodge, Mitsubishi

 B+ M8, Total length 215.00,  
 Gear type GR, Mounting holes 2 (2)

A: 72.90 B: 9.00 mm


**113254** Starter 12 V, 1.1 kW

Replacing: MOT22472

Servicing: Citroen, Fiat, Peugeot, Toyota

 B+ M8, Total length 206.00,  
 Gear type GR, Mounting holes 4 (2)

A: 62.00 B: 14.00 mm



**113318** Starter 12 V, 2.2 kW  
 Replacing: M2T87471  
 Servicing: Mazda  
 B+ M8, Total length 226.50,  
 Gear type GR, Mounting holes 3 (2)  
 A: 87.90 B: 6.00 mm



**113319** Starter 12 V, 2.2 kW  
 Replacing: M8T75371, M8T71371ZE,  
 M8T71371  
 Servicing: Nissan  
 B+ M8, Total length 233.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 72.40 B: 55.50 mm



**113323** Starter 12 V, 1.7 kW  
 Replacing: M8T71471ZE, M8T71471  
 Servicing: Nissan  
 B+ M8, Total length 233.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 69.90 B: 54.00 mm



**113325** Starter 12 V, 0.9 kW  
 Replacing: MD335584, M3T44481  
 Servicing: Mitsubishi  
 B+ M8, Total length 194.50,  
 Gear type DD, Mounting holes 2 (2)  
 A: 76.90 B: 10.50 mm



**113445** Starter 12 V, 2.2 kW  
 Replacing: MD344183, MD331137, MD315548,  
 MD315547, MD314167, M2T88071, M2T87371,  
 M2T87171ZT, M2T87171  
 Servicing: Hyundai, Mitsubishi  
 B+ M8, Total length 239.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 9.00 mm



**113504**<sup>#</sup> Starter 12 V, 1.0 kW  
 Replacing: MOT81381  
 Servicing: Subaru  
 B+ M8, Total length 220.15, Cl  
 utch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 65.00 B: 48.00 mm



**113550** Starter 12 V  
 Replacing: M9T70379  
 Servicing: Mack  
 B+ M12, Total length 402.80,  
 Gear type GR, Mounting holes 3 (0),  
 Insulated return  
 Replacing: 39MT.  
 A: 92.00 B: 46.00 mm



**113551** Starter 12 V, 2.2 kW  
 Replacing: M8T70971  
 Servicing: Kubota  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.40 B: 27.00 mm



**113615**<sup>#</sup> Starter 12 V, 1.6 kW  
 Replacing: MD178511, M1T75981  
 Servicing: Dodge, Eagle, Plymouth  
 B+ M8, Total length 215.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 9.50 mm



**113616**<sup>#</sup> Starter 12 V, 1.2 kW  
 Replacing: MOT82281  
 Servicing: Mazda  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 73.90 B: 15.00 mm



**113618** Starter 12 V, 1.6 kW  
 Replacing: M1T84981ZC, M1T84981,  
 MOT91182ZC, MOT91182, MOT91181ZC,  
 MOT91181  
 Servicing: Jeep  
 B+ M8, Total length 215.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 64.90 B: 5.00 mm



**113638** Starter 12 V, 1.4 kW  
 Replacing: MD362910, MD356178, MD328235,  
 M356178D, M1T84884, M1T84883ZC,  
 M1T84883, MOT81181  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 194.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 77.00 B: 10.50 mm



**113642** Starter 12 V, 1.6 kW  
 Replacing: M1T86884ZC, M1T86883ZC, M1T86782ZC  
 Servicing: Jeep  
 B+ M8, Total length 226.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (2)  
 A: 65.00 B: 4.85 mm



**113644** Starter 12 V, 1.2 kW  
 Replacing: M2T42881, M0T84585  
 Servicing: Nissan  
 B+ M8, Total length 189.80,  
 Gear type DD, Mounting holes 2 (1)  
 A: 69.90 B: 10.60 mm



**113646<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: M1T84281  
 Servicing: Subaru  
 B+ M8, Total length 221.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 83.00 B: 33.00 mm



**113668** Starter 12 V, 1.2 kW  
 Replacing: MM115519, MM115518, M2T58881, M2T58581  
 Servicing: Clark, Mitsubishi  
 B+ M8, Total length 214.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 76.90 B: 18.00 mm



**113669** Starter 24 V, 5.0 kW  
 Replacing: ME077796, M8T60071A, M8T60071  
 Servicing: Caterpillar  
 B+ M8, Total length 287.80,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 109.70 B: 66.00 mm



**113672** Starter 24 V, 5.5 kW  
 Replacing: M9T61571, M9T60471  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 350.00,  
 Gear type GR, Mounting holes 3 (0)  
 w/ safety switch.  
 A: 91.90 B: 47.00 mm



**113673** Starter 24 V, 5.5 kW  
 Replacing: M9T60372, M9T60371  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 350.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.80 B: 39.50 mm



**113676** Starter 24 V, 5.5 kW  
 Replacing: M9T60672, M9T60671  
 Servicing: Renault V.I.  
 B+ M10, 15a M5, Total length 350.50,  
 Gear type GR, Mounting holes 3 (0)  
 w/ safety relay.  
 A: 89.00 B: 39.00 mm



**113702** Starter 12 V, 2.2 kW  
 Replacing: M2T87271ZT, M2T87271  
 Servicing: Ford, Mazda  
 B+ M8, 15a M8, Total length 234.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 82.00 B: 16.40 mm



**113746** Starter 24 V, 5.5 kW  
 Replacing: ME152487, M9T60171  
 Servicing: Honda, Mitsubishi  
 B+ M10, Total length 318.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 100.00 B: 68.00 mm



**113753** Starter 12 V, 0.9 kW  
 Replacing: M3T32991  
 Servicing: Citroen, Hyundai, Kia, Renault  
 B+ M8, Total length 216.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.90 B: -1.50 mm



**113795** Starter 12 V, 1.0 kW  
 Replacing: MOT90981  
 Servicing: Mazda  
 B+ M8, Total length 208.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 82.30 B: 22.00 mm





**113819** Starter 12 V, 1.4 kW  
 Replacing: MOT87681, MOT87601  
 Servicing: Mazda  
 Gear type GR, No./ teeth 11



**113827** Starter 24 V, 7.6 kW  
 Replacing: M9T82171  
 Servicing: Cummins  
 B+ M12, B- M12, 15a M5, 30h M12,  
 Total length 406.00, Gear type GR,  
 Mounting holes 3 (0)  
 A: 91.70 B: 46.95 mm



**113830** Starter 24 V, 5.5 kW  
 Replacing: M9T64171, M9T62173, M9T61171  
 Servicing: Volvo  
 B+ M10, Total length 350.00,  
 Gear type GR, Mounting holes 3 (0)  
 w/ safety switch.  
 A: 92.00 B: 47.50 mm



**113851** Starter 24 V  
 Replacing: M9T83671, M9T80473, M9T80472  
 Servicing: Mercedes-Benz  
 B+ M12, B- M6, Total length 348.50,  
 Gear type DD/GR, Mounting holes 3 (0)  
 Replacing: 39MT.  
 A: 92.00 B: 47.70 mm



**113897** Starter 12 V, 1.4 kW  
 Replacing: MOT88681, MOT87881, MOT21471  
 Servicing: Dacia, Nissan, Renault, Suzuki  
 B+ M8, Total length 201.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 62.90 B: -0.07 mm



**113927** Starter 12 V, 1.1 kW  
 Replacing: MOT91581, MOT88381, MOT86181  
 Servicing: Dacia, Nissan, Renault, Suzuki  
 B+ M8, Total length 198.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 65.00 B: -1.30 mm



**113931** Starter 12 V, 1.7 kW  
 Replacing: M1T30072, M1T30071  
 Servicing: Alfa Romeo, Cadillac, Fiat,  
 Lancia, Opel, Saab, Vauxhall  
 Gear type GR, Mounting holes 3 (0)



**113933** Starter 12 V, 1.5 kW  
 Replacing: MOT22471  
 Servicing: Citroen, Mini, Peugeot, Toyota  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 4 (2)  
 B: 13.00 mm



**113964** Starter 12 V, 2.2 kW  
 Replacing: M2TS0575, M2TS0571  
 Servicing: Nissan  
 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 70.00 B: 31.00 mm



**113977\*** Starter 12 V, 2.2 kW  
 Replacing: M2T88971  
 Servicing: Chrysler, Dodge

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)



**113995\*** Starter 12 V, 1.7 kW  
 Replacing: M1T68281, 31B66-00101, 31B66-00100  
 Servicing: Caterpillar  
 Gear type GR, Mounting holes 2 (0)

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)



**114003\*** Starter 12 V, 6.2 kW  
 Replacing: M9T70173, M9T70172  
 Servicing: Mercedes-Benz  
 Gear type GR, Mounting holes 3 (0)

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)



**114031** Starter 24 V, 5.5 kW  
 Replacing: M9T61971  
 Servicing: Man  
 B+ M10, Total length 318.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm



**114058** Starter 12 V, 1.7 kW  
 Replacing: M1T30172, M1T30171  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8x1.25, Total length 220.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 82.00 B: 4.00 mm



**114059** Starter 12 V, 2.3 kW  
 Replacing: M2T88671  
 Servicing: Mazda  
 B+ M8x1.25, Total length 226.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 88.00 B: 5.00 mm



**114061** Starter 12 V, 2.0 kW  
 Replacing: M2T85271  
 Servicing: Suzuki  
 B+ M8, Total length 227.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 66.00 B: 3.00 mm



**114074** Starter 12 V, 2.2 kW  
 Replacing: M1T80681  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 215.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.50 B: 13.50 mm



**114100** Starter 24 V, 7.5 kW  
 Replacing: M9T80071  
 Servicing: Renault V.I.  
 Total length 350.00, Gear type GR,  
 Mounting holes 3 (0)  
 A: 91.50 B: 53.00 mm



**114144** Starter 12 V, 2.0 kW  
 Replacing: M2T88571  
 Servicing: Chrysler, Jeep  
 B+ M8, Total length 227.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 25.95 mm



**114167** Starter 12 V, 3.6 kW  
 Replacing: M8T50471, M008T50471  
 Servicing: TCM  
 B+ M8x1.25, Total length 287.30,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 27.00 mm



**114169** Starter 24 V, 5.0 kW  
 Replacing: M8T60373, M8T60372, M8T60371,  
 32B66-00202  
 Servicing: Caterpillar, Mitsubishi  
 B+ M8, Total length 287.50,  
 Mounting holes 2 (0)  
 A: 60.00 B: 22.60 mm



**114185** Starter 24 V, 3.2 kW  
 Replacing: M8T80373, M8T80371  
 Servicing: Isuzu, Kobelco  
 B+ M8, Total length 259.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 19.00 mm



**114193** Starter 24 V, 5.5 kW  
 Replacing: M9T61474, M9T61473, M9T61471  
 Servicing: Renault V.I., Volvo  
 B+ M8, Total length 316.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm



**114225** Starter 12 V, 1.6 kW  
 Replacing: M1T85881ZC, M1T85881  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 66.00 B: 4.25 mm


**114232** Starter 12 V, 2.0 kW

 Replacing: M8T76072ZE, M8T76072,  
M8T76071ZE, M8T76071

Servicing: Nissan

 B+ M8, Total length 233.00,  
Gear type GR, Mounting holes 2 (2)  
A: 70.00 B: 31.00 mm

**114237** Starter 12 V, 2.2 kW

Replacing: M2T88572ZC, M2T88572

Servicing: Chrysler, Jeep

 B+ M8, Total length 227.00,  
Gear type GR, Mounting holes 2 (2)  
A: 82.00 B: 25.50 mm

**114238** Starter 12 V, 1.4 kW

Replacing: M1T79483

Servicing: Jeep

Mounting holes 4 (0)


**114279** Starter 12 V, 2.2 kW

Replacing: M2T88372ZC, M2T88372

Servicing: Jeep

 B+ M8, Total length 227.00,  
Gear type GR, Mounting holes 3 (0)  
A: 82.50 B: 54.00 mm

**114280** Starter 24 V, 3.2 kW

 Replacing: ME108364, ME108080,  
M8T80472A, M8T80472, M8T80471A,  
M8T80471

Servicing: Caterpillar

 B+ M8, Total length 241.00,  
Gear type GR, Mounting holes 2 (0)  
A: 77.00 B: 51.00 mm

**114283** Starter 12 V, 2.0 kW

Replacing: M2T88473, M2T88471

Servicing: Chrysler

 B+ M8, Total length 227.00,  
Gear type GR, Mounting holes 3 (2)  
A: 82.50 B: 0.00 mm

**114310** Starter 24 V, 7.0 kW

Replacing: M9T82672, M9T82671

Servicing: Volvo

 B+ M10, Total length 352.00,  
Gear type GR, Mounting holes 3 (0)  
A: 92.00 B: 46.00 mm

**114323** Starter 24 V, 4.0 kW

Replacing: M8T62471

Servicing: Dennis, Volvo

 B+ M8, Total length 287.00,  
Gear type GR, Mounting holes 3 (0)  
A: 89.00 mm

**114328** Starter 12 V, 1.6 kW

Replacing: M1T84181ZC, M1T84181

Servicing: Chrysler

 B+ M8, 15a Plug, Total length 239.00,  
Mounting holes 3 (3)  
A: 120.00 B: 8.00 mm

**114329** Starter 12 V, 1.6 kW

Replacing: M1T68781ZC, M0T60781

Servicing: Nissan

 B+ M8, Total length 232.60,  
Gear type GR, Mounting holes 2 (0)  
A: 75.00 B: 62.00 mm

**114330** Starter 24 V, 8.3 kW

Replacing: M9T82479, M009T82479

Servicing: Cummins

 Total length 358.10, Gear type GR,  
Mounting holes 3 (3)  
39MT  
A: 92.00 B: 47.00 mm

**114334** Starter 12 V, 2.0 kW

Replacing: M2T54272, M2T54271

Servicing: Mitsubishi

 B+ M8, Total length 257.50  
A: 100.00 B: 60.00 mm





**114343** Starter 24 V, 6.0 kW  
 Replacing: M4T95082, M4T95076, M4T95072, M4T95071  
 Servicing: Mitsubishi Fuso  
 B+ M10, Total length 324.60  
 A: 100.00 B: 77.00 mm



**114393** Starter 24 V, 7.5 kW  
 Replacing: 37566-35200, 37566-15200, 37566-05200  
 Servicing: Mitsubishi, Volvo, Volvo Penta  
 Total length 407.00, Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 44.00 mm



**114418** Starter 24 V, 3.6 kW  
 Replacing: ME220480, ME215097, ME015766, M8T85571, M8T55073, M8T55071  
 Servicing: Mitsubishi, Mitsubishi Fuso  
 B+ M8, Total length 287.60, Gear type GR, Mounting holes 2 (0)  
 A: 60.00 B: 32.00 mm



**114439** Starter 12 V, 2.7 kW  
 Replacing: M2T57674, M2T57673C, M2T57673A, M2T57673, M2T57672, M2T57671A, M2T57671  
 Servicing: Mazda  
 B+ M8, 15a Plug, Total length 204.20, Mounting holes 3 (0)  
 A: 100.00 B: 65.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114443\*** Starter 12 V, 0.9 kW  
 Replacing: MOT32571ZE  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 174.50, Gear type GR, Mounting holes 2 (2)  
 A: 77.00 B: 21.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114445\*** Starter 24 V, 5.0 kW  
 Replacing: M8T60873, M8T60872, M8T60871, 32B66-12100, 32B66-02102  
 Servicing: Caterpillar  
 Mounting holes 2 (0)



**114460** Starter 12 V, 1.4 kW  
 Replacing: M1T80481, M1T80381, M1T80082, M1T80081, MOT86081, MOT20872ZE, MOT20871ZE, MOT20871, 1810A101  
 Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot  
 B+ M8, Total length 216.00, Gear type GR, Mounting holes 3 (3)  
 B: - 4.00 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114479** Starter 12 V, 1.2 kW  
 Replacing: MOT65581, MOT65381  
 Servicing: Nissan  
 Gear type GR, Mounting holes 2 (0)  
 A: 83.50 B: 19.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114485** Starter 12 V, 1.0 kW  
 Replacing: MOT90881  
 Servicing: Kubota  
 B+ M8x1.25, Total length 205.00, Gear type GR, Mounting holes 2 (0)  
 A: 66.00 B: 18.00 mm



**111043** Starter 12 V, 0.6 kW

Replacing: 9AR2714F, 9AR2714, 9AL5009F, 9AL5009

Servicing: Evinrude, Johnson

B+ M6, Total length 200.50,  
Drive type Bronze, Gear type DD

A: 63.30 B: 43.50 mm


**110412** Starter 12 V, 2.2 kW

Replacing: 0-21000-5231, 0-21000-5230, 0-21000-4231, 0-21000-4230, 0-21000-3730

Servicing: Isuzu, John Deere, TCM

 B+ M8, Total length 233.80,  
 Gear type DD, Mounting holes 2 (0)

A: 94.90 B: 20.30 mm


**110555** Starter 24 V, 7.5 kW

Replacing: 0-23000-7022, 0-23000-3285, 0-23000-3270, 0-23000-3186, 0-23000-3185, 0-23000-3184, 0-23000-3180

Servicing: Komatsu

 B+ M10-1.25, Total length 413.00,  
 Gear type GR, Mounting holes 3 (0)  
 w/ safety switch.

A: 92.00 B: 46.00 mm


**110556** Starter 24 V, 7.5 kW

Replacing: 0-23000-7910, 0-23000-6693, 0-23000-6692, 0-23000-6691, 0-23000-6690, 0-23000-6591, 0-23000-6590

Servicing: Komatsu

 B+ M10, Total length 407.00,  
 Gear type GR, Mounting holes 3 (0)  
 w/ safety switch.

A: 100.00 B: 53.00 mm


**110557#** Starter 24 V, 2.8 kW

Replacing: 0-23000-0727, 0-23000-0278, 0-23000-0272, 0-23000-0271, 0-23000-0270, 0-23000-0150

Servicing: Komatsu

 B+ M8, Total length 336.50,  
 Gear type GR, Mounting holes 2 (0)

A: 105.00 B: 14.00 mm


**110560** Starter 24 V, 5.5 kW

Replacing: 0-21000-4851, 0-21000-4850, 0-21000-4132

Servicing: Komatsu

 B+ M10, Total length 381.50,  
 Gear type DD, Mounting holes 3 (0)

A: 100.00 B: 53.00 mm


**110568** Starter 12 V, 2.2 kW

Replacing: 0-23000-0262, 0-23000-0261, 0-23000-0260, 0-23000-0130

Servicing: Komatsu

 B+ M8, Total length 315.00,  
 Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 20.00 mm


**110580** Starter 24 V, 4.5 kW

Replacing: 0-23000-3661, 0-23000-3016, 0-23000-3010, 0-23000-3000, 0-23000-1670, 0-23000-1050, 0-23000-1033

Servicing: Isuzu

 B+ M10, Total length 358.00,  
 Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 41.00 mm


**110590** Starter 12 V, 2.8 kW

Replacing: 0-23000-1900, 0-23000-1860

Servicing: Bobcat, Perkins

 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed, Waterproof  
 Replaces: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm


**110602** Starter 12 V, 2.8 kW

Replacing: 0-23000-2160, 0-23000-1840

Servicing: Bobcat, Clark, Perkins

 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 22MT, 28MT.

A: 89.00 B: 46.00 mm


**110604** Starter 12 V, 2.8 kW

Replacing: 0-23000-1890, 0-23000-1880

 Servicing: Allis Chalmers, Carrier Transcold,  
 Perkins

 B+ M10, Total length 340.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 Replaces: 22MT, 27MT, 28MT.

A: 88.75 B: 46.45 mm




**110656** Starter 24 V, 5.5 kW

Replacing: 0-23000-2561, 0-23000-2560, 0-23000-1752, 0-23000-1750, 0-23000-1550, 0-23000-1410, 0-23000-1292

Servicing: Komatsu

B+ M10, Total length 368.00,  
Gear type GR, Mounting holes 2 (0)  
w/ safety switch.

A: 104.90 B: 13.50 mm


**111019** Starter 24 V, 7.5 kW

Replacing: 0-23000-8360, 0-23000-6343, 0-23000-6342, 0-23000-6341, 0-23000-6340

Servicing: Komatsu

B+ M10, Total length 408.00,  
Gear type GR, Mounting holes 3 (0)  
w/ safety switch.

A: 100.00 B: 53.00 mm


**111020** Starter 24 V, 7.5 kW

Replacing: 0-23000-8300, 0-23000-7021, 0-23000-7020, 0-23000-6533, 0-23000-6532, 0-23000-6531, 0-23000-6530

Servicing: Komatsu

B+ M10, Total length 407.00,  
Gear type GR, Mounting holes 3 (0)  
w/ safety switch.

A: 92.00 B: 47.00 mm


**111041** Starter 12 V, 2.8 kW

Replacing: 0-23000-1870, 0-23000-1830

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Total length 338.50,  
Gear type GR, Mounting holes 3 (0)  
Replaces: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


**111050** Starter 24 V, 5.5 kW

Replacing: 0-23000-2571, 0-23000-2570, 0-23000-1270, 0-23000-1231, 0-23000-1230

Servicing: Komatsu

B+ M10, Total length 370.00,  
Gear type GR, Mounting holes 3 (0)  
w/ safety switch.

A: 100.00 B: 52.50 mm


**111212** Starter 24 V, 2.8 kW

Replacing: 0-23000-0333, 0-23000-0332, 0-23000-0331, 0-23000-0330, 0-23000-0063, 0-23000-0062, 0-23000-0061

Servicing: Komatsu

B+ M8, Total length 327.90,  
Gear type GR, Mounting holes 2 (0)

A: 94.90 B: 21.00 mm


**111221** Starter 12 V, 2.5 kW

Replacing: 0-23000-2060

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Total length 322.00,  
Gear type GR, Mounting holes 2 (0)  
Replaces: 28MT.

A: 82.40 B: 33.00 mm


**111222** Starter 12 V, 2.8 kW

Replacing: 0-23000-2000

Servicing: Clark

B+ M10, 15a M5, Total length 336.00,  
Clutch type Wet, Gear type GR,  
Mounting holes 3 (0), Oil sealed  
Replaces: 28MT.

A: 88.85 B: 19.80 mm


**111254** Starter 24 V, 4.5 kW

Replacing: 0-23000-2541, 0-23000-2540, 0-23000-2201, 0-23000-2103, 0-23000-2102, 0-23000-2101, 0-23000-2100

Servicing: John Deere

B+ M10, Total length 332.25,  
Gear type GR, Mounting holes 2 (0)

A: 94.85 B: 19.20 mm


**111393** Starter 24 V, 3.5 kW

Replacing: 0-21000-4935, 0-21000-4934, 0-21000-4391, 0-21000-4390, 0-21000-3470, 0-21000-3433, 0-21000-2340

Servicing: Isuzu

B+ M8, Total length 312.75,  
Clutch type Wet, Gear type DD,  
Mounting holes 2 (0)  
w/ safety switch.

A: 95.00 B: 19.00 mm


**111760** Starter 24 V, 4.5 kW

Replacing: 0-23000-2470, 0-23000-2270, 0-23000-2040, 0-23000-2031, 0-23000-2030

Servicing: Case, Cummins

 B+ M10, 15a M5, Total length 339.00, Clutch type Wet, Gear type GR, Mounting holes 3 (0), Oil sealed  
 Replacing: 7MT, 28MT.

A: 89.00 B: 45.00 mm


**111982** Starter 24 V, 4.0 kW

Replacing: 0-23000-2590, 0-23000-2358, 0-23000-2350

Servicing: Mercedes-Benz

B+ M10, Total length 317.50, Gear type GR, Mounting holes 3 (0)

A: 88.75 B: 45.00-49.00 mm


**112253** Starter 12 V, 2.5 kW

Replacing: 0-24000-3200, 0-23000-2480, 0-23000-2444, 0-23000-2440, 0-23000-2380, 0-23000-2234, 0-23000-2230

Servicing: Ford, Ingersoll Rand

B+ M10, Total length 342.00, Gear type GR, Mounting holes 3 (0)

Replacing: 28MT.

A: 88.80 B: 45.00 mm


**112267** Starter 12 V, 2.5 kW

Replacing: 0-23000-2460, 0-23000-2450, 0-23000-2434, 0-23000-2430, 0-23000-2020, 0-23000-1818, 0-23000-1810

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00, Gear type GR, Mounting holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


**112268** Starter 12 V, 2.8 kW

Replacing: 0-23000-2140, 0-23000-2010, 0-23000-1850

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

B+ M10, Total length 340.00, Gear type GR, Mounting holes 3 (0), Oil sealed

Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112269** Starter 24 V, 4.0 kW

Replacing: 0-23000-2150

Servicing: Lister

 B+ M10, Total length 345.00, Clutch type Wet, Gear type GR, Mounting holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 88.70 B: 47.00 mm


**112341** Starter 12 V, 2.5 kW

Replacing: 0-23000-1588, 0-23000-1581, 0-23000-1580, 0-23000-1571, 0-23000-1570

Servicing: Chevrolet, GMC

 B+ M10, Total length 337.50, Gear type GR, Mounting holes 2 (0)  
 Replacing: 27MT, 28MT.

A: 82.50 B: 12.00 mm


**112649** Starter 24 V, 4.5 kW

Replacing: 0-23000-2342, 0-23000-2341, 0-23000-2340, 0-23000-1073, 0-23000-1071, 0-23000-1070

Servicing: Isuzu

B+ M10, Total length 348.00, Clutch type Wet, Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 39.50 mm


**112653** Starter 12 V, 2.5 kW

Replacing: 0-23000-1990

Servicing: Clark

 B+ M10, Total length 339.20, Clutch type Wet, Gear type GR, Mounting holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 89.00 B: 46.00 mm



**112668** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-2070  
 Servicing: Hough, Komatsu  
 B+ M10, 15a M5, Total length 338.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**113452** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-2260  
 Servicing: Agco White  
 B+ M10, 15a M5, Total length 338.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114166\*** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-6523, 0-23000-6521,  
 0-23000-6520, 0-23000-3522  
 B+ M10, Total length 429.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 92.00 B: 45.50 mm



**113385** Starter 24 V, 3.5 kW  
 Replacing: 0-23000-0241, 0-23000-0240,  
 0-23000-0032, 0-23000-0031, 0-23000-0030  
 Servicing: Komatsu  
 B+ Plug, Total length 315.00,  
 Gear type GR, Mounting holes 2 (0)  
 w/ safety switch.  
 A: 95.00 B: 20.50 mm



**113499** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-3292, 0-23000-3291,  
 0-23000-3290  
 Servicing: Komatsu  
 B+ Plug, Total length 412.50,  
 Gear type DD, Mounting holes 3 (0)  
 w/ safety switch.  
 A: 92.00 B: 46.00 mm



**114267** Starter 24 V, 4.5 kW  
 Replacing: 0-24000-3151, 0-24000-3150  
 Servicing: John Deere  
 B+ M10, Total length 288.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 105.00 B: 41.30 mm



**113435** Starter 24 V, 4.5 kW  
 Replacing: 0-23000-1940  
 Servicing: Hummer, Various  
 B+ M10, Total length 336.50,  
 Gear type GR, Mounting holes 2 (0)  
 Replacing: 28MT.  
 A: 82.00 B: 7.50 mm



**114164** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-3286, 0-23000-3280  
 Servicing: Komatsu  
 B+ M12, Total length 395.00,  
 Gear type GR, Mounting holes 3 (0)  
 w/ safety switch.  
 A: 92.00 B: 46.00 mm



**114324** Starter 24 V, 4.5 kW  
 Replacing: 0-24000-3251, 0-24000-3250,  
 0-24000-3123, 0-24000-3122, 0-24000-3120  
 Servicing: Hitachi, Isuzu  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 mm



**114165** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-7162, 0-23000-7161,  
 0-23000-7160  
 Servicing: Komatsu  
 B+ M10, 30h M10, Total length 410.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 92.00 B: 44.55 mm



**114393** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-7272, 0-23000-7271,  
 0-23000-7270  
 Servicing: Mitsubishi, Volvo, Volvo Penta  
 Total length 407.00, Gear type DD,  
 Mounting holes 3 (0)  
 A: 92.00 B: 44.00 mm





**114396** Starter 24 V, 7.5 kW

Replacing: 0-23000-3360, 0-23000-3341, 0-23000-3340

Servicing: Komatsu

Total length 407.00, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 44.00 mm



**114483** Starter 24 V, 4.5 kW

Replacing: 0-24000-3261, 0-24000-3260

Servicing: JCB

B+ M10, Gear type GR, Mounting holes 3 (0)

A: 90.00 B: 41.00 mm


**110389** Starter 12 V, 2.2 kW

 Replacing: 03101-3051, 03101-3050  
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki

 B+ M8, Total length 232.00,  
 Gear type GR, Mounting holes 3 (2)

A: 88.00 B: 6.00 mm


**111065** Starter 12 V, 2.2 kW

 Replacing: 03111-4041, 03111-4040  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong

 B+ M8, Total length 276.00,  
 Gear type GR, Mounting holes 2 (2)

A: 82.30 B: 26.50 mm


**111683** Starter 12 V, 2.0 kW

 Replacing: 03101-3031, 03101-3030  
 Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

 B+ M8, Total length 232.50,  
 Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 19.50 mm


**112344** Starter 12 V, 2.5 kW

 Replacing: 03111-5021, 03111-5020  
 Servicing: Daewoo

 B+ M12, Total length 298.00,  
 Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 41.50 mm


**112502** Starter 24 V, 4.5 kW

Replacing: 03112-7021

 Servicing: Daewoo  
 B+ M10, Total length 293.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)

A: 105.00 B: 42.30 mm


**113327** Starter 12 V, 2.2 kW

Replacing: 03111-4140

 Servicing: Kia  
 B+ M8, Total length 236.00,  
 Gear type GR, Mounting holes 3 (2)

A: 63.80 B: 4.50 mm


**113329** Starter 12 V, 2.0 kW

Replacing: 03101-3220, 03101-3190, 03101-3170

 Servicing: Hyundai, Kia  
 B+ M8, Total length 223.00,  
 Gear type GR, Mounting holes 2 (2)

A: 82.40 B: 25.00 mm


**110149** Starter 12 V, 0.9 kW

Replacing: PBNS0557, 66925181

Servicing: Mazda, Mercury

B+ M8, Total length 198.00,

Gear type DD, Mounting holes 3 (2)

A: 74.00 B: 15.00 mm


**110245** Starter 12 V, 1.0 kW

Replacing: PBNS3040, 20513040

Servicing: Kubota, Skoda

B+ M8, Total length 196.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 26.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: 20500605

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Total length 189.00,

Gear type DD, Mounting holes 2 (0)

A: 65.85 B: 4.35 mm


**110155** Starter 12 V, 1.0 kW

Replacing: 66925309, 66925216, 66925169

Servicing: Hyundai, Komatsu, Nissan, TCM

B+ M8, Total length 191.00,

Gear type DD, Mounting holes 2 (0)

A: 83.00 B: 7.50 mm


**110279** Starter 12 V, 0.8 kW

Replacing: 66925201, 66925184

Servicing: Nissan, VW

B+ M8, Total length 227.50,

Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 42.00 mm


**110396** Starter 12 V, 1.4 kW

Replacing: PBNS0429, 20500429

Servicing: Toyota

B+ M8, Total length 189.00,

Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm


**110205** Starter 24 V, 6.5 kW

Replacing: PBNS1666

Servicing: Volvo

B+ M12, Total length 407.00,

Gear type DD, Mounting holes 3 (0),

Waterproof

A: 89.00 B: 47.50 mm


**110292** Starter 12 V, 1.1 kW

Replacing: PBNSF101, 66925342, 66925325, 66925301

Servicing: Mitsubishi

B+ M8, Total length 206.80,

Gear type DD, Mounting holes 2 (0)

A: 76.00 B: 19.00 mm


**110402** Starter 12 V, 0.6 kW

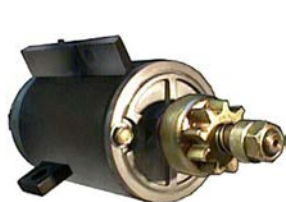
Replacing: 20500514

Servicing: Bedford, Suzuki

B+ M8, 15a M5, Total length 231.00,

Gear type DD, Mounting holes 2 (0)

A: 65.00 B: 26.00 mm


**110240** Starter 12 V, 0.6 kW

Replacing: POA4002, POA4001, MGD4115, MGD4110, MGD4106

Servicing: Johnson

B+ M8, Total length 209.00,

Drive type Bronze, Gear type DD,

Mounting holes 1 (0)

A: 63.40 B: 44.00 mm


**110363** Starter 12 V, 0.7 kW

Replacing: 66925157

Servicing: BMW, Porsche, VW

B+ M8, Total length 214.00,

Gear type DD, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140008.

A: 76.00 B: 33.00 mm


**110417** Starter 12 V, 1.3 kW

Replacing: PBNS3025, 20513025

Servicing: Yanmar

B+ M8, Total length 194.00,

Gear type GR, Mounting holes 2 (0)

A: 89.00 B: 17.50 mm




**110439** Starter 12 V, 2.0 kW

Replacing: 66925050, 20500190

Servicing: Buhner, Compair, Eicher, Massey Ferguson

 B+ M8, Total length 309.50,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 25.00 mm


**110440** Starter 12 V, 2.1 kW

Replacing: 20500139

Servicing: Land Rover

 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)

A: 91.90 B: 19.00 mm


**110441** Starter 12 V, 2.1 kW

Replacing: 20500574, 110441

Servicing: Land Rover

 B+ M8, Total length 309.50,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110442** Starter 12 V, 2.1 kW

Replacing: 66925051

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 30.00 mm


**110443** Starter 12 V, 2.1 kW

Replacing: 20500124

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

 B+ M8, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110449** Starter 12 V, 3.6 kW

Replacing: PBNS1644

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

 B+ M8, Total length 370.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 48.75 mm


**110450** Starter 12 V, 3.6 kW

Replacing: PBNS1618

Servicing: Perkins

 B+ M8, B- M8, 15a M4,  
 Total length 370.00, Gear type DD,  
 Mounting holes 3 (0), Insulated return,  
 Oil sealed

A: 88.80 B: 47.50 mm


**110461** Starter 12 V, 2.8 kW

Replacing: PBNS1176, 20500673

Servicing: Ford, Lancer Boss

 B+ M8, 30h M5, Total length 272.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: 66925170, 20500552, 20500212

Servicing: Buhner, Ford, Matbro, New Holland

 B+ M8, Total length 319.45,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm


**110464** Starter 12 V, 2.1 kW

Replacing: 20500155

Servicing: Carbodyes, DAF, Lancer Boss

 B+ M8, Total length 336.50,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 20500839

Servicing: Benfra, Fiat-Allis, Iveco

 B+ M10, Total length 295.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 858320

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: 20500923

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: 35261450

Servicing: Mercedes-Benz

B+ M10, Total length 341.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: 35261440

Servicing: Scania, Steyr

B+ M10, Total length 342.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: 20500847

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50, Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: 20500762

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, Total length 287.50, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: 20500147

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Total length 335.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**110552** Starter 12 V, 1.2 kW

Replacing: PBNS3015, 20513015

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, Total length 194.00, Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: 66925090

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00, Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110572** Starter 12 V, 1.2 kW

Replacing: PBNS3026, 20513026

Servicing: Mitsubishi, Nissan

B+ M8, Total length 207.75, Gear type GR, Mounting holes 2 (0)

A: 76.95 B: 17.30 mm


**110585** Starter 12 V, 1.2 kW

Replacing: 66925232, 66925229, 66925129, 66925056

Servicing: Renault, Volvo

B+ M8, Total length 214.15, Gear type DD, Mounting holes 4 (4)

A: 66.00 B: -2.00 mm


**110587** Starter 12 V, 1.2 kW

Replacing: 66925237, 66925156

Servicing: Citroen, Peugeot

B+ M8, Total length 208.20, Gear type DD/GR, Mounting holes 3 (3)

A: 66.00 B: -4.00 mm


**110602** Starter 12 V, 2.8 kW

Replacing: OMS123, 35259670, 35259000, 20513074

Servicing: Bobcat, Clark, Perkins

B+ M10, Total length 339.00, Gear type GR, Mounting holes 3 (0), Oil sealed

Replacing: 22MT, 28MT.

A: 89.00 B: 46.00 mm


**110604** Starter 12 V, 2.8 kW

Replacing: 35259680, 35259650, 35258990, 35258880

Servicing: Allis Chalmers, Carrier Transcold, Perkins

 B+ M10, Total length 340.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed

Replaces: 22MT, 27MT, 28MT.

A: 88.75 B: 46.45 mm


**110615** Starter 12 V, 2.8 kW

Replacing: 66925089, 20500968, 20500195

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

 B+ M8, Total length 312.25,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 28.60 mm


**110627** Starter 12 V, 2.5 kW

Replacing: PBNS3102, PBNS3101, OMS124, 35259620

Servicing: Case, Ford

 B+ M8, Total length 291.00,  
 Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 47.60 mm


**110636** Starter 12 V, 0.6 kW

Replacing: MKW4005, MGL4014, MGL4013, MGL4002

Servicing: Chrysler

 B+ 1/4« UNC, Total length 262.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (2)

A: 63.30 B: 64.00 mm


**110644** Starter 12 V, 0.6 kW

Replacing: POC4001, MKW4001, MGL4109, MGL4008

Servicing: Johnson

 B+ 1/4« UNC, Total length 228.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (0)

A: 63.00 B: 44.00 mm


**110645** Starter 12 V, 0.9 kW

Replacing: MJL4005

Servicing: Johnson

 B+ 1/4« UNC, Total length 253.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 1 (0)

A: 63.50 B: 43.50 mm


**110647** Starter 12 V, 0.6 kW

Replacing: MKW4008, MKW4006, MGD4113, MGD4013, MGD4007A, MGD4007, MCD4007

Servicing: Evinrude, Johnson

 B+ M6, Total length 208.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 3 (0)

A: 63.30 B: 44.70 mm


**110648** Starter 12 V, 0.7 kW

Replacing: MGL4001B, MGD4108A, MGD4108

Servicing: Mariner, Mercury

 B+ 1/4« UNC, Total length 263.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 1 (0)

A: 54.80 B: 48.00 mm


**110649** Starter 12 V, 0.8 kW

Replacing: MJL4003B, MJL4002A, MJL4002, MGL4012

Servicing: Mercury

 B+ M6, Total length 290.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 1 (0)

A: 54.80 B: 45.30 mm


**110708** Starter 12 V, 2.7 kW

Replacing: 20500507

Servicing: Toyota, VW

 B+ M10, Total length 296.50,  
 Gear type GR, Mounting holes 2 (1)

A: 82.45 B: 15.60 mm




**110793** Starter 12 V, 0.9 kW

Replacing: 66925208, 66925187, 35257870, 11925115

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 221.00,  
 Gear type DD, Mounting holes 2 (2)

A: 66.00 B: 22.00 mm


**110807** Starter 12 V, 0.85 kW

Replacing: 20500789

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 20.50 mm


**110817** Starter 12 V, 2.1 kW

Replacing: 20500120

Servicing: DAF

 B+ M8, Total length 315.00,  
 Gear type DD, Mounting holes 3 (0)

A: 88.80 B: 25.00 mm


**110818** Starter 12 V, 2.1 kW

Replacing: 20500157

Servicing: Case, Fiat-Allis, Massey Ferguson

 B+ M8, 15a 6.30, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 24.60 mm


**110820** Starter 12 V, 2.0 kW

Replacing: PBNS3052, 20513052

Servicing: Thermo King

 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 18.75 mm


**110858** Starter 12 V, 0.7 kW

Replacing: 66925143

Servicing: VW

 B+ M8, Total length 230.00,  
 Gear type DD, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140008.

A: 76.00 B: 44.00 mm


**110864** Starter 12 V, 1.0 kW

Replacing: 66925189, 66925137

Servicing: VW

 B+ M8, 15a 6.30, Total length 229.70,  
 Gear type GR, Mounting holes 3 (0)

A: 82.50 B: 13.15 mm


**110866** Starter 12 V, 0.9 kW

Replacing: 66925293, 20500463

Servicing: Renault

 B+ M8, Total length 197.65,  
 Gear type DD, Mounting holes 3 (2)

A: 66.00 B: 10.50 mm


**110934** Starter 12 V, 2.0 kW

Replacing: MEO005A

Servicing: Carrier Transicold, Thermo King

 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 2 (1)

A: 82.45 B: 22.50 mm


**110947** Starter 12 V, 2.0 kW

Replacing: PBNS3021, 20513021

Servicing: Mitsubishi

 B+ M8, Total length 238.50,  
 Gear type GR, Mounting holes 2 (0)

A: 77.00 B: 31.00 mm


**110998** Starter 24 V, 5.2 kW

Replacing: PBNS1613

Servicing: DAF, Ford

 B+ M8, Total length 166.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm


**110999** Starter 24 V

 Replacing: MFY6601K, MFY6601I, MFY6401L,  
 MFY6401K, MFY6201K, MFY6201I

 Servicing: Case, Caterpillar, Fiat-Allis,  
 Peterbilt Trucks, Various, Volvo

 B+ M12, 15a M5, Total length 499.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111000** Starter 24 V

Replacing: 855694

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

 B+ M12, Total length 497.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 2MT.

A: 92.00 B: 47.25 mm


**111021** Starter 12 V, 1.4 kW

Replacing: PBNS3059, 20513059

Servicing: Kubota

 B+ M8, Total length 209.50,  
 Gear type GR, Mounting holes 2 (0)

A: 65.95 B: 18.00 mm


**111024** Starter 12 V, 3.6 kW

Replacing: PBNS1608

Servicing: Clark, Lister, Massey Ferguson, Perkins

 B+ M8, Total length 370.50,  
 Gear type DD, Mounting holes 3 (0), Oil sealed

A: 89.00 B: 47.45 mm


**111025** Starter 12 V, 0.8 kW

Replacing: 66925240, 66925111

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 199.25,  
 Gear type DD, Mounting holes 3 (2)

A: 64.00 B: 11.00 mm


**111041** Starter 12 V, 2.8 kW

Replacing: OMS125, 35259710, 35259690, 35259130

Servicing: Fiat-Allis, Hyster, Perkins

 B+ M10, Total length 338.50,  
 Gear type GR, Mounting holes 3 (0)  
 Replaces: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


**111043** Starter 12 V, 0.6 kW

Replacing: POB4001, MGD4102C, MGD4102A, MGD4002M, MGD4002C, MGD4002A, MDW4204M, MDW4002M, MDH4102M, MDH4002M

Servicing: Evinrude, Johnson

 B+ M6, Total length 200.50,  
 Drive type Bronze, Gear type DD

A: 63.30 B: 43.50 mm


**111047** Starter 12 V, 3.1 kW

Replacing: PBNSM102, 35261420, 20550102, 20513012

Servicing: Volvo, Volvo Penta

 B+ M8, 15a 6.30, Total length 302.75,  
 Gear type GR, Mounting holes 3 (0),  
 Insulated return

A: 88.85 B: 47.70 mm


**111055** Starter 12 V, 0.7 kW

Replacing: 66925319, 66925266, 66925233, 66925211, 66925198, 20500785

Servicing: Opel, Pontiac, Vauxhall

 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mounting holes 2 (0)

A: 67.95 B: 18.25 mm


**111056** Starter 12 V, 0.8 kW

Replacing: 66925194, 66925094A, 66925094, 66925074

Servicing: Opel, Vauxhall

 B+ M8, Total length 243.50,  
 Gear type DD, Mounting holes 2 (1)

A: 82.40 B: 17.00 mm


**111061** Starter 12 V, 0.8 kW

Replacing: 66925378

Servicing: VW

 B+ M8, Total length 230.00,  
 Gear type DD, Mounting holes 2 (0)

Bushing D.E. (clutch house): Cargo 140008.

A: 76.10 B: 44.50 mm


**111080#** Starter 12 V, 1.4 kW

Replacing: 66925264, 66925146

Servicing: Infiniti, Nissan

 B+ M8, Total length 218.50,  
 Gear type GR, Mounting holes 2 (2)

A: 82.45 B: 41.75 mm


**111108** Starter 12 V, 1.2 kW

Replacing: PBNS3039, 20513039

Servicing: Mitsubishi, Nissan

B+ M8, Total length 198.50,

Gear type GR, Mounting holes 2 (0)

A: 82.30 B: 8.25 mm


**111117** Starter 12 V, 1.1 kW

Replacing: 66925139, 66925099

Servicing: Fiat, Lancia

B+ M8, Total length 232.75,

Gear type GR, Mounting holes 3 (3)

A: 66.90 B: 12.45 mm


**111127** Starter 12 V, 1.4 kW

Replacing: 66925321, 66925178, 66925167, 66925148

Servicing: Opel, Pontiac, Vauxhall

B+ M8, Total length 183.00,

Gear type GR, Mounting holes 2 (0)

Replacing: PG100.

A: 68.00 B: 18.00 mm


**111130** Starter 12 V, 1.1 kW

Replacing: PBNS3049, 20513049

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Total length 198.50,

Clutch type Wet, Gear type GR, Mounting holes 3 (3)

A: 65.90 B: -4.00 mm


**111136** Starter 12 V, 1.4 kW

Replacing: 20500738

Servicing: Opel, Vauxhall

B+ M8, Total length 199.00,

Gear type GR, Mounting holes 2 (1)

A: 77.90 B: 19.00 mm


**111214** Starter 12 V, 1.0 kW

Replacing: 20510110

Servicing: Skoda, VW

B+ M8, Total length 194.75,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 26.45 mm


**111218** Starter 24 V, 5.4 kW

Replacing: 860543

Servicing: Volvo Penta

B+ M10, B- M10, Total length 388.00,

Gear type DD, Mounting holes 3 (0),

Insulated return

A: 89.00 B: 47.00 mm


**111219** Starter 24 V, 6.6 kW

Replacing: 860541

Servicing: Volvo Penta

B+ M10, B- M10, Total length 407.00,

Gear type DD, Mounting holes 3 (0),

Insulated return

A: 89.00 B: 47.40 mm


**111221** Starter 12 V, 2.5 kW

Replacing: 35258810

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Total length 322.00,

Gear type GR, Mounting holes 2 (0)

Replacing: 28MT.

A: 82.40 B: 33.00 mm


**111228** Starter 12 V, 1.1 kW

Replacing: 66925251, 66925141, 35258510

Servicing: Fiat, Lancia

B+ M8, Total length 219.00,

Gear type DD, Mounting holes 3 (3)

A: 64.00 B: 12.40 mm


**111231** Starter 24 V, 6.6 kW

Replacing: 860507

Servicing: Renault V.I.

B+ M10, B- M10, Total length 405.00,

Gear type DD, Mounting holes 3 (0),

Insulated return

A: 89.00 B: 40.25 mm


**111241** Starter 12 V, 1.2 kW

Replacing: 20510100

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M8, Total length 207.80,

Gear type GR, Mounting holes 2 (2)

A: 73.00 B: 17.00 mm





**111242<sup>#</sup>** Starter 12 V, 1.2 kW  
 Replacing: PBNS3023, 20513023  
 Servicing: Dodge, Hyundai, Mitsubishi  
 B+ M8, Total length 207.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 73.00 B: 10.25 mm



**111251** Starter 12 V, 1.1 kW  
 Replacing: PBNS3048  
 Servicing: Dacia, Renault, Volvo  
 B+ M8, Total length 208.20,  
 Gear type GR, Mounting holes 4 (4)  
 A: 66.00 B: -2.00 mm



**111272** Starter 12 V, 2.2 kW  
 Replacing: PBNS3067, 20513067  
 Servicing: Mitsubishi  
 B+ M8, Total length 260.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.45 B: 22.90 mm



**111274** Starter 12 V, 1.2 kW  
 Replacing: 20500849  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 77.50 B: 18.50 mm



**111300** Starter 12 V, 1.4 kW  
 Replacing: PBNS3016, 20513016  
 Servicing: Bobcat, Ford, Volvo Penta  
 B+ M8, Total length 114.55,  
 Gear type GR, Mounting holes 2 (0)  
 A: 74.00 B: 21.00 mm



**111306** Starter 12 V, 1.2 kW  
 Replacing: 20510204  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 9.35 mm



**111310** Starter 12 V, 0.8 kW  
 Replacing: 20500722  
 Servicing: Chevrolet, GEO, Pontiac, Subaru,  
 Suzuki  
 B+ M8, Total length 190.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 75.00 B: 7.80 mm



**111312** Starter 12 V, 0.8 kW  
 Replacing: PBNS3013, 20513013  
 Servicing: Nissan  
 B+ M8, Total length 221.70,  
 Gear type DD/GR, Mounting holes 2 (0)  
 A: 70.00 B: 43.00 mm



**111346** Starter 12 V, 2.8 kW  
 Replacing: 20500969  
 Servicing: Massey Ferguson  
 B+ M8, Total length 314.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm



**111401<sup>#</sup>** Starter 24 V, 4.5 kW  
 Replacing: PBNS3036, 20513036  
 Servicing: Toyota  
 B+ M10, Total length 298.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)  
 A: 105.00 B: 14.25 mm



**111421** Starter 12 V, 2.2 kW  
 Replacing: 35260920, 35258970  
 Servicing: Citroen, Fiat  
 B+ M8, Total length 272.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.75 B: 26.60 mm



**111485** Starter 12 V, 1.2 kW  
 Replacing: PBNS1168, 20510168  
 Servicing: Ford, Nissan  
 B+ M8, Gear type GR,  
 Mounting holes 2 (0)  
 A: 83.00 B: 8.00 mm



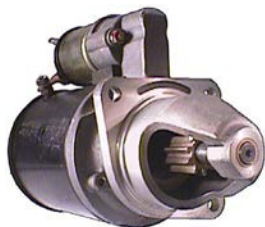
**111508** Starter 12 V, 1.2 kW  
 Replacing: 20510101  
 Servicing: Mitsubishi  
 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 71.00 B: 4.00 mm



**111534** Starter 12 V, 1.4 kW  
 Replacing: 20500974  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 188.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 77.90 B: 19.00 mm



**111573** Starter 12 V, 2.8 kW  
 Replacing: 20500106  
 Servicing: Avia, JCB, TCM  
 B+ M8, Total length 311.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 101.00 B: 25.50 mm



**111574** Starter 12 V, 2.8 kW  
 Replacing: 20500706  
 Servicing: ERF, LDV International  
 B+ M8, Total length 340.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.75 B: 47.15 mm



**111619** Starter 12 V, 1.7 kW  
 Replacing: 35258420  
 Servicing: Fiat, Seat  
 B+ M8, Total length 263.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 82.50 B: 24.00 mm



**111679** Starter 24 V, 4.5 kW  
 Replacing: PBNS3035, 20513035  
 Servicing: Toyota  
 B+ M10, Total length 292.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 91.00 B: 17.00 mm



**111680** Starter 12 V, 1.1 kW  
 Replacing: PBNS1165, 20510165  
 Servicing: Ford  
 B+ M8, Total length 211.75,  
 Gear type GR, Mounting holes 3 (2)  
 A: 71.00 B: 15.00 mm



**111699** Starter 12 V, 1.6 kW  
 Replacing: 35214965  
 Servicing: Mercruiser, Volvo Penta  
 B+ M8, 15a M5, Total length 240.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)  
 Replacing: PG260L.  
 B: 17.00 mm



**111703** Starter 12 V, 2.0 kW  
 Replacing: PBNS3022, 20513022  
 Servicing: Ford, Perkins  
 B+ M8, Total length 250.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 73.80 B: 19.50 mm



**111748** Starter 12 V, 1.1 kW  
 Replacing: 35259250  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 223.00,  
 Gear type GR, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 33.00 mm



**111749** Starter 12 V, 1.1 kW  
 Replacing: 66925322, 66925263, 35258640  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.00 mm



**111750** Starter 12 V, 1.4 kW  
 Replacing: 66925193, 35259860  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 208.50,  
 Gear type GR, Mounting holes 3 (3)  
 A: 75.00 B: 13.50 mm


**111751** Starter 12 V, 1.0 kW

Replacing: 66925336, 66925299

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type DD, Mounting holes 2 (0)  
*Bushing D.E. (clutch house) enclosed.*

A: 76.00 B: 53.50 mm


**111752** Starter 12 V, 2.7 kW

Replacing: PBNS3058, 20513058

Servicing: Case, Payloader

 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**111771** Starter 24 V, 6.2 kW

Replacing: 860705

Servicing: Mercedes-Benz

 B+ M12, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**111786** Starter 12 V, 1.7 kW

Replacing: 35261180

Servicing: Mercruiser, Mercury, OMC

 B+ M8, 15a M5, Total length 246.00,  
 Gear type GR, Mounting holes 2 (0)

B: 18.50 mm


**111835** Starter 12 V

Replacing: MGL4004

Servicing: Harley Davidson

 B+ M6, Total length 202.50,  
 Gear type DD, Mounting holes 0 (0)

**111848** Starter 12 V, 1.0 kW

Replacing: 20510107

 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall

 B+ M8, Total length 215.50,  
 Gear type GR, Mounting holes 2 (1)

A: 82.50 B: 19.00 mm


**111851** Starter 12 V, 2.0 kW

Replacing: 20510134

Servicing: Mercedes-Benz

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)

A: 82.50 B: 25.50 mm


**111855** Starter 12 V, 2.2 kW

Replacing: 20513069

Servicing: KHD

 B+ M8, Total length 267.00,  
 Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 23.00 mm


**111865** Starter 12 V, 1.7 kW

Replacing: 20510169

Servicing: Land Rover

 B+ M8, Total length 268.00,  
 Gear type GR, Mounting holes 2 (0)

A: 73.00 B: 39.00 mm


**111885** Starter 12 V, 3.1 kW

Replacing: PBNS3045, 20513045

Servicing: Case

 B+ M10, Total length 332.50,  
 Gear type DD, Mounting holes 3 (0)  
*Oilproof and waterproof.*

A: 89.00 B: 48.00 mm


**111904** Starter 12 V, 1.8 kW

Replacing: PBNS1172, 20510172

Servicing: Seat, VW

 B+ M8, Total length 247.00,  
 Gear type GR, Mounting holes 2 (0)

A: 66.00 B: 46.70 mm


**111906** Starter 12 V, 1.1 kW

 Replacing: PBNS3150, PBNS1167, PBNS1164,  
 PBNS1162, 20513150, 20510167

Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 214.35,  
 Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 26.35 mm




**111909** Starter 12 V, 1.1 kW

Replacing: PBNS1177, 20510177  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.25 B: 32.00 mm


**111910** Starter - not insulated 24 V, 6.7 kW

Replacing: 860305Z  
 Servicing: Scania  
 B+ M12, 30h M12, Total length 429.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm


**111912** Starter 12 V, 2.2 kW

Replacing: PBNS3019, 20513019  
 Servicing: Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 238.20,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 2.50 mm


**111913** Starter 24 V, 3.2 kW

Replacing: PBNS3017, 20513017  
 Servicing: Mitsubishi  
 B+ M8, Total length 250.50,  
 Gear type GR, Mounting holes 2 (0),  
 Oil sealed  
 A: 82.50 B: 22.75 mm


**111971** Starter 12 V, 1.2 kW

Replacing: PBNS3027, 20513027  
 Servicing: Mitsubishi  
 B+ M8, Total length 195.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 75.00 B: 10.00 mm


**111996** Starter 12 V, 2.2 kW

Replacing: 35259930  
 Servicing: Iveco  
 B+ M8, Total length 274.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 110.00 B: 26.00 mm


**112005** Starter 12 V, 1.1 kW

Replacing: PBNS1178, 20510178  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 76.00 B: 52.00 mm


**112014** Starter 12 V, 2.0 kW

Replacing: PBNS3055, 20513055  
 Servicing: VW  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 21.00 mm


**112041** Starter 12 V, 2.2 kW

Replacing: PBNS3051, 20513051  
 Servicing: KHD  
 B+ M10, Total length 293.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 82.50 B: 21.00 mm


**112052** Starter 12 V, 2.2 kW

Replacing: 35259480  
 Servicing: VW  
 B+ M8, Total length 234.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 52.00 mm


**112090** Starter 24 V, 5.2 kW

Replacing: PBNS1653, PBNS1615  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 371.50,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 A: 92.00 B: 20.50 mm


**112105<sup>#</sup>** Starter 12 V

Replacing: MEO7003, 463592, 462237  
 Servicing: Mercruiser  
 B+ 5/16x UNF, Total length 296.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 103.80 B: 12.00 mm


**112124** Starter 12 V, 0.9 kW

Replacing: 35258890  
 Servicing: Citroen, Fiat, Lancia  
 B+ M8, Total length 206.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 64.10 B: 11.00 mm


**112130** Starter 12 V

Replacing: MHA7013, MHA7010, MDY7054,  
 MDY6139  
 Servicing: Volvo Penta  
 B+ M8, 15a M5, Total length 302.75,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.30 B: 10.50 mm


**112166** Starter 12 V, 1.7 kW

Replacing: PBNS3070, 20513070  
 Servicing: Ford, VW  
 B+ M8, Total length 288.50,  
 Gear type GR, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140018.  
 A: 76.00 B: 52.00 mm


**112221** Starter 12 V, 2.0 kW

Replacing: PBNS3047, 20513047  
 Servicing: VW  
 B+ M8, Total length 236.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 21.70 mm


**112224** Starter 24 V, 6.7 kW

Replacing: 860650  
 Servicing: Scania  
 B+ M12, Total length 428.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm


**112233** Starter 12 V

Replacing: PBNS3003, 20513003  
 Servicing: Caterpillar, International,  
 Mercruiser  
 B+ M10, 15a M5, Total length 318.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 Replacing: 10MT.  
 A: 82.45 B: 47.00 mm


**112249** Starter 12 V, 2.7 kW

Replacing: MEO6005  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 295.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 21.50 mm


**112251** Starter 12 V, 2.3 kW

Replacing: 20513048  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 91.90 B: 19.00 mm


**112253** Starter 12 V, 2.5 kW

Replacing: PBNS3103, 35259630, 35258950  
 Servicing: Ford, Ingersoll Rand  
 B+ M10, Total length 342.00,  
 Gear type GR, Mounting holes 3 (0)  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm


**112258** Starter 12 V

Replacing: PBNS1180  
 Servicing: Chevrolet, Detroit, GMC  
 B+ 1/2« UNC, Total length 519.00,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 47.50 mm


**112267** Starter 12 V, 2.5 kW

Replacing: 35258940  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 A: 89.00 B: 46.50 mm


**112277** Starter 12 V, 1.8 kW

Replacing: 20550101  
 Servicing: Perkins  
 B+ M8, 15a 6.30, Total length 261.00,  
 Gear type GR, Mounting holes 3 (0),  
 Insulated return  
 A: 88.90 B: 30.00 mm


**112320** Starter 12 V, 1.4 kW

Replacing: 66925389, 20510224

Servicing: Opel, Vauxhall

B+ M8, Total length 194.00,

Gear type GR, Mounting holes 2 (1)

A: 77.90 B: 19.50 mm


**112341** Starter 12 V, 2.5 kW

Replacing: OMS122, OMS121

Servicing: Chevrolet, GMC

B+ M10, Total length 337.50,

Gear type GR, Mounting holes 2 (0)

Replacing: 27MT, 28MT.

A: 82.50 B: 12.00 mm


**112366#** Starter 24 V, 4.5 kW

Replacing: PBNS3038, 20513038

Servicing: Toyota

B+ M10, Total length 289.00,

Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 92.00 B: 15.50 mm


**112368** Starter 12 V, 1.4 kW

Replacing: PBNS3053, 20513053

Servicing: Nissan

B+ M8, Total length 199.00,

Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 7.00 mm


**112435** Starter 12 V, 1.1 kW

Replacing: PBNS3018, 20513018

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 210.50,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 52.50 mm


**112439** Starter 12 V, 2.2 kW

Replacing: 35259400, 35259040

Servicing: Land Rover

B+ M8, Total length 274.00,

Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 20.50 mm


**112441** Starter 12 V, 2.3 kW

Replacing: PBNS3043, 20513043

Servicing: Iveco, Mitsubishi, Renault V.I.

B+ M8, Total length 258.00,

Gear type GR, Mounting holes 3 (3)

A: 82.00 B: 27.00 mm


**112533** Starter 12 V, 2.2 kW

Replacing: PBNS3030, PBNS1170, 20513030

Servicing: BMW, Land Rover, Opel, Vauxhall

B+ M8, 30h M5, Total length 271.75,

Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 20.00 mm


**112656** Starter 24 V, 4.5 kW

Replacing: 860803

Servicing: DAF, ERF, Foden, Seddon

B+ M10, Total length 375.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm


**112821** Starter 12 V, 2.2 kW

Replacing: 20510202

Servicing: Ford, Jaguar

B+ M8, Total length 250.80,

Clutch type Wet, Gear type GR, Mounting holes 2 (0)

B: 36.00 mm


**113276** Starter 12 V, 1.1 kW

Replacing: PBNS1175, 35258790

Servicing: Opel, Saab, Vauxhall

B+ M8, Total length 214.00,

Gear type GR, Mounting holes 2 (0)

A: 67.90 B: 18.00 mm


**113282** Starter 12 V, 1.4 kW

Replacing: PBNS3062, 20513062

Servicing: Mercedes-Benz

B+ M8, Gear type GR,

Mounting holes 2 (0)

A: 60.00 B: 25.80 mm





**113327** Starter 12 V, 2.2 kW  
 Replacing: PBNS3020, 20513020  
 Servicing: Kia  
 B+ M8, Total length 236.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 63.80 B: 4.50 mm



**113333** Starter 24 V, 7.0 kW  
 Replacing: MS1-410A  
 Servicing: Seddon  
 B+ M12, B- M12, Total length 483.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 20500899, 20500708  
 Servicing: MG, Rover  
 B+ M8, Total length 210.50,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 67.00 B: 39.50 mm



**113380** Starter 12 V, 2.8 kW  
 Replacing: 20500484  
 Servicing: Ford  
 B+ M8, B- M8, Total length 307.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 91.80 B: 20.00 mm



**113408** Starter 12 V, 1.4 kW  
 Replacing: PBNS3073, 20513073  
 Servicing: Honda, Yanmar  
 B+ M8, Total length 193.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 94.85 B: 19.50 mm



**113451** Starter 12 V, 2.2 kW  
 Replacing: 35259920, 35259030  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 272.50,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.50 B: 23.00 mm



**113521** Starter 12 V, 1.2 kW  
 Replacing: PBNS3046, 20513046  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 213.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 18.00 mm



**113605** Starter 12 V, 1.1 kW  
 Replacing: PBNS1174, 20510174  
 Servicing: Volvo  
 B+ M8, Total length 216.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 66.00 B: -1.70 mm



**113662** Starter 12 V, 2.0 kW  
 Replacing: PBNS1171, 20510171  
 Servicing: Land Rover, VW  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 65.90 B: 21.50 mm



**113752** Starter 12 V, 1.8 kW  
 Replacing: PBNS1150, 35258840  
 Servicing: Fiat  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 81.80 B: 23.50 mm



**114388** Starter 12 V, 3.2 kW  
 Replacing: 860715  
 Servicing: Hattat Tarim, JCB, Perkins  
 B+ M8, B- M8, 30h M10,  
 Total length 296.50, Gear type DD,  
 Mounting holes 3 (0)  
*Iskra version.*  
 A: 89.00 B: 32.50 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114397** Starter 24 V, 4.0 kW  
 Replacing: 20550103  
 Servicing: Cummins  
 B+ M10, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 48.20 mm


**110205** Starter 24 V, 6.5 kW

Replacing: 19024075

Servicing: Volvo

 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: 19024109, 19024025, 19024010

 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra

 B+ M12, B- M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: 19024553, 19024013

Servicing: Volvo, Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

 Replacing: 19024576, 19024555, 19024099,  
 19024016, 19024015

 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo

 B+ M12, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof

A: 89.00 B: 48.50 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 19024051

 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.50 mm


**110211#** Starter 24 V, 6.6 kW

Replacing: 19024079

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 48.00 mm


**110212** Starter 24 V, 6.6 kW

Replacing: 19024078, 19024042

Servicing: Iveco, Scania

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: 19024053

Servicing: Fiat, Iveco

 B+ M12, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0)

A: 115.00 B: 20.80 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 19024077

Servicing: Scania

 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 92.00 B: 37.00 mm


**110216** Starter 12 V, 1.4 kW

 Replacing: 1998590, 1998589, 1998584,  
 1998583, 1998574, 1998570, 1998569,  
 1998568, 1998566, 1998562, 1998561

 Servicing: Buick, Cadillac, Chevrolet, GMC,  
 Mercruiser, Oldsmobile, OMC, Pontiac

 B+ M8, Total length 236.00,  
 Gear type DD, Mounting holes 2 (0)

Replacing: 10MT.

A: 68.00 B: 0.00 mm


**110218** Starter 12 V

 Replacing: 1998579, 1109431, 1109072,  
 1109026, 1109022, 1108794, 1108766,  
 1108765, 1108759, 1108758, 1108519  
 Servicing: Buick, Cadillac, Oldsmobile,  
 Pontiac

 B+ 3/8« UNC, 15a M4,  
 Total length 287.00, Gear type DD,  
 Mounting holes 2 (0)

Replacing: 10MT.

A: 82.30 B: 8.00 mm


**110221** Starter 12 V, 1.2 kW

Replacing: 323-427, 323-422, 323-421, 323-411, 1998544, 1998530, 1998526, 1998521, 1998515, 1998514, 1998450

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M8, Total length 270.50,

Gear type DD, Mounting holes 2 (0)

Replacing: 8MT.

A: 68.00 B: 8.25 mm


**110225** Starter 12 V

Replacing: 10465075

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 252.00,

Gear type DD, Mounting holes 2 (0)

Marine type ACR: Cargo 111213.

A: 105.00 B: 16.50 mm


**110231** Starter 12 V

Replacing: 10465082, 10465081

Servicing: American Motors, Jeep

B+ M6, Total length 265.50,

Gear type DD, Mounting holes 2 (1)

A: 82.50 B: 17.50 mm


**110241** Starter 12 V, 0.8 kW

Replacing: 1113577, 1113569, 1113553, 1113552, 1113518, 1113510

Servicing: Mercury

B+ 1/4« UNC, Total length 210.00,

Gear type DD, Mounting holes 2 (2)

A: 54.00 B: 0.50 mm


**110346#** Starter 24 V

Replacing: 1990241, 1114709, 1109989, 1109832, 1109794, 1109635, 10478853

Servicing: Caterpillar, Peterbilt Trucks

B+ M12, 15a M4, Total length 433.56,

Gear type DD, Mounting holes 3 (0),

Insulated return, Oil sealed

Replacing: 50MT.

A: 102.00 B: 97.00 mm


**110347** Starter 24 V, 7.5 kW

Replacing: 1993840, 1990284, 1990276, 1990274, 1990273, 1990272, 1990271, 1990270, 1990269, 1990268, 1990266

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

B+ M12, 15a M4, Total length 522.00,

Gear type DD, Mounting holes 3 (0),

Insulated return, Oil sealed

Replacing: 50MT

A: 92.00 B: 47.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: 19024839

Servicing: Fiat, Lada

B+ M8, Total length 237.00,

Clutch type Wet, Gear type DD,

Mounting holes 3 (3)

A: 83.00 B: 21.30 mm


**110364** Starter 12 V, 0.65 kW

Replacing: 3471390, 3471171, 3471163, 3471143, 171, 163

Servicing: Opel, Vauxhall

B+ M8, 15a 6.30, Total length 229.50,

Gear type DD, Mounting holes 2 (0)

A: 68.00 B: 14.00 mm


**110368** Starter 12 V, 2.3 kW

Replacing: 19024249, 19024239

Servicing: Audi, Mercedes-Benz, Seat, Volvo

B+ M10, Total length 289.00,

Gear type DD, Mounting holes 2 (2)

A: 82.50 B: 21.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: 323-540

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Total length 189.00,

Gear type DD, Mounting holes 2 (0)

A: 65.85 B: 4.35 mm


**110409** Starter 12 V, 3.0 kW

Replacing: 19024563, 19024001

Servicing: Kaelble, Mack, Sennebogen

B+ M10, Total length 384.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm




**110414** Starter 12 V

Replacing: 1109534, 1109527, 1109524, 1109521

Servicing: American Motors, Buick, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

B+ M10, 15a 8-32 UNC, Total length 286.00, Gear type DD, Mounting holes 2 (0)

Replacing: 8MT.

A: 68.10 B: 16.00 mm


**110436** Starter 12 V

Replacing: 323-855, 323-830, 323-829, 1993983, 1993961, 1993943, 1993942, 1993939, 1993938, 1993937, 1993935

Servicing: Caterpillar, Clark, Mack, Various

B+ 1/2« UNC, Total length 506.00, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.00 mm


**110468** Starter 12 V

Replacing: 1998267, 1998266, 1109091, 1109090, 1108197, 1107378, 1107377

Servicing: Bobcat, Clark, Hyster

B+ 3/8« UNC, 15a 8-32 UNC, Total length 307.00, Clutch type Wet, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 10MT.

A: 88.65 B: 20.50 mm


**110469** Starter 12 V

Replacing: 1998281, 1998270, 1998269, 1109093, 1108421, 1107203, 10455355, 10455340, 10455304

Servicing: Bobcat

B+ M10, 15a M5, Total length 306.70, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 10MT.

A: 88.60 B: 43.35 mm


**110472** Starter 12 V

Replacing: 1998337, 1107582, 1107557

Servicing: Hyster

B+ 3/8« UNC, 15a M4, Total length 343.00, Clutch type Wet, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 20MT.

A: 89.00 B: 47.50 mm


**110485** Starter 12 V, 1.4 kW

Replacing: 10465584, 10465440

Servicing: Thermo King, Yanmar

B+ M8, Total length 214.00, Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 21.00 mm


**110491** Starter 12 V, 1.4 kW

Replacing: 1998274, 1109098, 1108505, 1107209

Servicing: Allis Chalmers, Hyster

B+ M10, Total length 305.00, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 10MT.

A: 88.00 B: 45.00 mm


**110506** Starter 12 V

Replacing: 1998271, 1109095, 1108423, 1108422, 1107295, 1107287, 1107205, 1107204, 1107194

Servicing: Hyster

B+ M10, 15a M4, Total length 305.00, Clutch type Wet, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 10MT.

A: 89.00 B: 47.00 mm


**110509** Starter 12 V, 1.4 kW

Replacing: 3182972

Servicing: American Motors, Jeep

B+ M8, Total length 265.50, Gear type DD, Mounting holes 2 (1)

A: 82.50 B: 17.00 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 19024242  
 Servicing: Benfra, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 25.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 19024256, 19024232  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm


**110519** Starter 12 V, 3.0 kW

Replacing: 19024229  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: 19024201  
 Servicing: Cummins, Fiat-Allis  
 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: 19024273, 19024231  
 Servicing: Benfra, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 343.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: 19024253, 19024202  
 Servicing: Fiat, Fiat-Allis, Iveco, New  
 Holland  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.50 mm


**110523** Starter 24 V, 4.8 kW

Replacing: 19024813, 19024234, 19024226  
 Servicing: ABG, Ahlmann, Case, Compair,  
 Iveco, KHD, Payloader  
 B+ M10, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: DRX67131, 19024258, 19024236,  
 19024225, 19024204, 10479627  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: 19024223, 19024205  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: 19024233  
 Servicing: Scania, Steyr  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: 19024272, 19024230  
 Servicing: Agrifull, Benfra, Fiat, Fiat-Allis,  
 Iveco  
 B+ M10, Total length 340.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 26.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: 19024238  
 Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 82.00 B: 22.00 mm



**110531** Starter 24 V, 6.6 kW  
 Replacing: 19024071  
 Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 0 (0)  
 A: 56.00 B: 43.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 19024035  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110539** Starter 12 V, 3.6 kW  
 Replacing: 19024008  
 Servicing: Claas, Mercedes-Benz, New Holland  
 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110532** Starter 24 V, 6.6 kW  
 Replacing: 19024054  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 115.00 B: 21.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: 19024824, 19024252, 19024235, 19024224  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 287.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: 19024815  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110533** Starter 24 V, 5.4 kW  
 Replacing: 19024011  
 Servicing: Steyr  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110537** Starter 12 V, 3.6 kW  
 Replacing: 19024562, 19024561, 19024000  
 Servicing: Volvo BM  
 B+ M10, B- M10, Total length 384.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110565** Starter 12 V, 2.8 kW  
 Replacing: 19024817  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110534** Starter 24 V, 5.4 kW  
 Replacing: 19024030  
 Servicing: Fiat, Ford, Iveco  
 B+ M10, Total length 390.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110538** Starter 12 V, 3.6 kW  
 Replacing: 19024005  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm



**110569** Starter 12 V  
 Replacing: 1113683, 1113652  
 Servicing: Hyster  
 B+ M10, 15a M4, Total length 405.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 35MT.  
 A: 89.00 B: 47.25 mm





**110582** Starter 24 V, 5.4 kW  
 Replacing: 19024046, 19024018  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110588<sup>#</sup>** Starter 12 V, 2.0 kW  
 Replacing: 1108696  
 Servicing: Clark  
 B+ 3/8« UNC, 15a 8-32 UNC,  
 Total length 341.50, Clutch type Wet,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 20MT.  
 A: 88.70 B: 20.00 mm



**110590** Starter 12 V, 2.8 kW  
 Replacing: 1998480, 1998376, 1998359,  
 1998342, 1998335, 1998330, 1113282,  
 1113281, 1109263, 1109261, 1109253  
 Servicing: Bobcat, Perkins  
 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed, Waterproof  
 Replaces: 22MT, 27MT, 28MT.  
 A: 88.90 B: 46.00 mm



**110602** Starter 12 V, 2.8 kW  
 Replacing: 1998339, 1113273, 1108692,  
 1107588, 10479613, 10465420, 10465348,  
 10465058  
 Servicing: Bobcat, Clark, Perkins  
 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 22MT, 28MT.  
 A: 89.00 B: 46.00 mm



**110604** Starter 12 V, 2.8 kW  
 Replacing: 1998409, 1998394, 1998378,  
 1998338, 1998334, 1113280, 1113279,  
 1109272, 1107587, 1107567, 10465048  
 Servicing: Allis Chalmers, Carrier Transcold,  
 Perkins  
 B+ M10, Total length 340.00,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 Replaces: 22MT, 27MT, 28MT.  
 A: 88.75 B: 46.45 mm



**110608** Starter 12 V, 0.5 kW  
 Replacing: 19024833  
 Servicing: Fiat  
 B+ M8, Total length 233.75,  
 Gear type DD, Mounting holes 3 (0)  
 A: 61.90 B: 7.70 mm



**110799<sup>#</sup>** Starter 24 V, 4.0 kW  
 Replacing: 1113256  
 B+ M10, 15a M4, Total length 369.50,  
 Gear type DD, Mounting holes 3 (0)  
 Replacing: 30MT.  
 A: 92.00 B: 48.50 mm



**110807** Starter 12 V, 0.85 kW  
 Replacing: 111018  
 Servicing: Ford, Kia, Mazda, Opel  
 B+ M8, Total length 197.25,  
 Gear type DD, Mounting holes 2 (0)  
 A: 70.00 B: 20.50 mm



**110808** Starter 12 V, 0.85 kW  
 Replacing: 112816, 111089  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Total length 197.00,  
 Gear type DD, Mounting holes 3 (2)  
 A: 74.00 B: 14.50 mm



**110812** Starter 12 V, 2.0 kW  
 Replacing: 19024241  
 Servicing: Alfa Romeo, Fiat, Seat  
 B+ M10, Total length 293.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 27.00 mm


**110814** Starter 12 V, 2.7 kW

Replacing: 19024255

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, Total length 296.50, Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.80 mm


**110819** Starter 12 V, 2.8 kW

Replacing: 19024821

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, Total length 311.00, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 22.25 mm


**110839** Starter 12 V, 1.7 kW

Replacing: 3471396

Servicing: Opel, Vauxhall

B+ M8, Total length 269.50, Gear type GR, Mounting holes 2 (1)

A: 82.00 B: 19.60 mm


**110932** Starter 24 V, 5.4 kW

Replacing: 19024040

Servicing: DAF

B+ M10, B- M10, Total length 384.50, Gear type DD, Mounting holes 3 (0), Insulated return

A: 88.85 B: 47.00 mm


**110953#** Starter 12 V, 2.5 kW

Replacing: 1998363, 1109199, 1108694

Servicing: Clark

B+ M10, 15a M4, 30h M4, Total length 342.50, Clutch type Wet, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 20MT, 22MT.

A: 88.80 B: 20.50 mm


**110980** Starter 24 V, 5.4 kW

Replacing: 19024048

Servicing: Volvo

B+ M10, B- M10, Total length 387.00, Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**110981** Starter 24 V, 5.4 kW

Replacing: 19024106, 19024049

Servicing: DAF

B+ M12, B- M10, Total length 387.00, Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 47.50 mm


**110999** Starter 24 V

Replacing: 1993945, 1993833, 1993815, 1993814, 1993808, 1993804, 1993797, 1993796, 1993704, 1990809, 1990497

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, 15a M5, Total length 499.50, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111000** Starter 24 V

Replacing: 199903, 1993924, 1993842, 1993810, 1993805, 1993802, 1993700, 1990838, 1990493, 1990491, 1990485

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, Total length 497.50, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

Replacing: 2MT.

A: 92.00 B: 47.25 mm

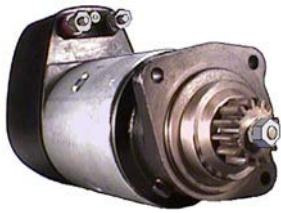

**111001** Starter 12 V, 3.0 kW

Replacing: 19024250

Servicing: Lamborghini, Same, Steyr

B+ M10, Total length 320.00, Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 20.60 mm


**111003** Starter 24 V, 5.4 kW

Replacing: 19024012  
 Servicing: Hanomag, Mercedes-Benz  
 B+ M10, Total length 387.50,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 89.00 B: 47.50 mm


**111007** Starter 12 V

Replacing: 1993885, 1113660, 1113639  
 Servicing: Clark, Perkins  
 B+ M10, 15a M4, Total length 405.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)  
 Replacing: 35MT.  
 A: 88.85 B: 47.50 mm


**111025** Starter 12 V, 0.8 kW

Replacing: 19024838  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 199.25,  
 Gear type DD, Mounting holes 3 (2)  
 A: 64.00 B: 11.00 mm


**111034** Starter 12 V, 1.2 kW

Replacing: 1998524, 1998427, 1109064,  
 1108776, 10465393, 10465065, 10455070,  
 10455054, 10455050, 10455042  
 Servicing: Chevrolet, GMC, Isuzu, Jeep,  
 Oldsmobile, Pontiac  
 B+ M8, Total length 270.00,  
 Gear type DD, Mounting holes 2 (0)  
 Replacing: SD260.  
 A: 67.80 B: 18.00 mm


**111041** Starter 12 V, 2.8 kW

Replacing: 1998481, 1998387, 1998383,  
 1998336, 1113278, 1113275, 1109550,  
 1107580, 10465406, 10465046  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50,  
 Gear type GR, Mounting holes 3 (0)  
 Replaces: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm


**111046** Starter 24 V, 6.6 kW

Replacing: 19024052  
 Servicing: MAN, Volvo  
 B+ M10, Total length 404.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.85 B: 48.00 mm


**111049** Starter 12 V

Replacing: 1998576  
 Servicing: Hyster, Various  
 B+ M8, 15a M5, Total length 304.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 10MT.  
 A: 88.90 B: 46.25 mm


**111055** Starter 12 V, 0.7 kW

Replacing: 9000781, 3491190, 3471393,  
 3471371, 3471177, 3471172, 3471168,  
 3471150, 177, 172, 168, 150  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 67.95 B: 18.25 mm


**111056** Starter 12 V, 0.8 kW

Replacing: 394, 3471394, 3471377, 3471155,  
 155  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 243.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.40 B: 17.00 mm


**111065** Starter 12 V, 2.2 kW

Replacing: 110397  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong  
 B+ M8, Total length 276.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.30 B: 26.50 mm





**111122** Starter 12 V, 1.0 kW  
 Replacing: 3471850, 3471174, 3471170, 174  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 245.15,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.40 B: 17.00 mm



**111123** Starter 12 V, 0.9 kW  
 Replacing: 96208781, 9000795, 10455506  
 Servicing: Chevrolet, Daewoo, Opel,  
 Vauxhall  
 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 67.95 B: 18.55 mm



**111127** Starter 12 V, 1.4 kW  
 Replacing: X16478, 9000802, 9000791,  
 9000785, 9000772, 9000758, 9000756,  
 9000751, 9000700, 3471173, 3471169  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, Total length 183.00,  
 Gear type GR, Mounting holes 2 (0)  
 Replacing: PG100.  
 A: 68.00 B: 18.00 mm



**111190** Starter 12 V  
 Replacing: 1998210, 1109422, 1109088,  
 1109087, 1108508, 1107379, 1107308,  
 10455332  
 Servicing: Caterpillar, Clark  
 B+ 3/8« UNF, 15a M4,  
 Total length 303.45, Clutch type Wet,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 10MT.  
 A: 88.70 B: 21.00 mm



**111217** Starter 12 V, 3.0 kW  
 Replacing: 19024566, 19024565  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 383.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**111218** Starter 24 V, 5.4 kW  
 Replacing: 19024028  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.00 mm



**111219** Starter 24 V, 6.6 kW  
 Replacing: 19024063, 19024047  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.40 mm



**111221** Starter 12 V, 2.5 kW  
 Replacing: 1113271, 1109251, 1107871,  
 1107863, 1107599, 1107577  
 Servicing: Bobcat, Clark, John Deere  
 B+ M10, 15a M5, Total length 322.00,  
 Gear type GR, Mounting holes 2 (0)  
 Replacing: 28MT.  
 A: 82.40 B: 33.00 mm



**111222** Starter 12 V, 2.8 kW  
 Replacing: 1998389, 1113288, 1109540  
 Servicing: Clark  
 B+ M10, 15a M5, Total length 336.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 88.85 B: 19.80 mm


**111224** Starter 12 V, 4.0 kW

Replacing: 1993988, 1993894, 1993886, 1993881, 1993799, 1993790, 1993769, 1993762, 1993754, 1993712, 1993705

Servicing: John Deere

 B+ M10, Total length 402.50,  
 Gear type GR, Mounting holes 3 (0),  
 Oil sealed  
 Replacing: 37MT.

A: 88.90 B: 47.60 mm


**111231** Starter 24 V, 6.6 kW

Replacing: 19024080

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return

A: 89.00 B: 40.25 mm


**111249** Starter 24 V, 5.4 kW

Replacing: 19024554, 19024027

 B+ M10, Total length 381.80,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 3 (0), Waterproof

A: 89.00 B: 48.25 mm


**111258** Starter 12 V

Replacing: 1998225, 1970445, 1876552, 1109074, 1109067, 1109059, 1109029, 1108799, 1108788, 1108783, 1108775

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac

 B+ M10, 15a M4, Total length 292.75,  
 Gear type DD, Mounting holes 3 (0)  
 Replacing: 10MT.

A: 71.15 B: 5.85 mm


**111259** Starter 12 V, 1.3 kW

Replacing: 1998305, 1109568, 1109430, 1108511

Servicing: Case

 B+ M10, 15a M5, Total length 305.00,  
 Gear type DD, Mounting holes 3 (0)  
 Replacing: 10MT.

A: 88.70 B: 19.00 mm


**111260** Starter 12 V, 1.4/1.6 kW

Replacing: 1998313, 1109446, 1107681, 1107655

Servicing: Case

 B+ M10, 15a M4, Total length 277.50,  
 Gear type DD, Mounting holes 2 (0)  
 Replacing: 10MT.

A: 82.35 B: 17.75 mm


**111277** Starter 12 V

Replacing: 1998580, 1998318, 1998317, 1109490, 1109489, 1109488, 1109487, 1109486, 1108756, 1108755

Servicing: Chevrolet, GMC, Mercruiser, OMC

 B+ M10, 15a M4, Total length 294.00,  
 Gear type DD, Mounting holes 2 (0)  
 Replacing: 10MT.

A: 82.60 B: 19.45 mm


**111383** Starter 12 V, 2.8 kW

Replacing: 1113285

Servicing: Bobcat, Clark

 B+ M10, 15a M5, Total length 341.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 28MT.

A: 89.00 B: 45.75 mm


**111399** Starter 24 V, 4.5 kW

Replacing: 19024262

Servicing: DAF

 B+ M10, Total length 352.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0)

A: 89.00 B: 38.00 mm


**111640** Starter 24 V, 4.0 kW

Replacing: 19024264

Servicing: MAN

 B+ M10, Total length 338.50,  
 Gear type DD, Mounting holes 3 (0)

A: 88.50 B: 28.00 mm



**111684** Starter 12 V, 1.4 kW  
 Replacing: 96550792, 96208782, 9000801  
 Servicing: Daewoo, Opel, Vauxhall  
 B+ M8, Total length 213.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 67.90 B: 17.00 mm



**111699** Starter 12 V, 1.6 kW  
 Replacing: 9000895, 9000850, 9000822,  
 9000820, 9000763, 323-677, 12301334  
 Servicing: Mercruiser, Volvo Penta  
 B+ M8, 15a M5, Total length 240.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (1)  
 Replacing: PG260L.  
 B: 17.00 mm



**111709** Starter 12 V, 2.2 kW  
 Replacing: 110002  
 Servicing: Daewoo, Isuzu, TCM  
 B+ M8, Total length 233.65,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 95.00 B: 20.00 mm



**111752** Starter 12 V, 2.7 kW  
 Replacing: 19024257  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111760** Starter 24 V, 4.5 kW  
 Replacing: 1998488, 1113594, 1113294,  
 1113291, 1113277, 10479623, 10479622,  
 10479616, 10461486, 10461469  
 Servicing: Case, Cummins  
 B+ M10, 15a M5, Total length 339.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 7MT, 28MT.  
 A: 89.00 B: 45.00 mm



**111771** Starter 24 V, 6.2 kW  
 Replacing: 19024179  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111786** Starter 12 V, 1.7 kW  
 Replacing: 9000884, 9000851, 9000821,  
 9000819, 9000789, 9000768, 9000762,  
 9000761, 9000735, 9000725, 9000719  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, 15a M5, Total length 246.00,  
 Gear type GR, Mounting holes 2 (0)  
 B: 18.50 mm



**111793** Starter 12 V, 3.0 kW  
 Replacing: 19024261  
 Servicing: Caterpillar, Mercedes-Benz, Volvo  
 B+ M10, Total length 342.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 28.50 mm



**111805** Starter 12 V, 2.5 kW  
 Replacing: 17610-Q1010, 111534  
 Servicing: Ford, Nissan  
 B+ M8, Total length 243.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 11.50 mm



**111848** Starter 12 V, 1.0 kW  
 Replacing: 96450663, 96208785  
 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.50 B: 19.00 mm



**111849** Starter 12 V, 0.8 kW  
 Replacing: 96569440, 96275481, 10455503  
 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 75.00 B: 6.50 mm



**111982** Starter 24 V, 4.0 kW  
 Replacing: DRX67149, DRX67095, 8200138,  
 8200004, 19070039, 10479626, 10461470  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 317.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.75 B: 45.00-49.00 mm





**111983<sup>#</sup>** Starter 24 V, 6.6 kW  
 Replacing: 19024084  
 Servicing: Mercedes-Benz, Volvo  
 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm



**112007** Starter 12 V  
 Replacing: 1998295, 1109420  
 Servicing: Caterpillar  
 B+ M10, 15a M4, Total length 305.50,  
 Gear type DD, Mounting holes 2 (0)  
 Replacing: 10MT.  
 A: 83.00 B: 16.00 mm



**112037** Starter 24 V, 4.0 kW  
 Replacing: 19024260  
 Servicing: Perkins, Volvo  
 B+ M10, Total length 340.70,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 22.20 mm



**112089** Starter 12 V  
 Replacing: 323-871, 1993977, 1993856,  
 1993816, 1993813, 1993807, 1993803,  
 1990495, 1990490, 1990483, 1990478  
 Servicing: Case, Caterpillar, Cummins, Ford,  
 Freightliner, International, Kenworth, Mack,  
 New Holland, Perkins, Volvo  
 B+ M12, B- M12, 15a M5,  
 Total length 500.00, Clutch type Wet,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**112116** Starter 24 V, 6.6 kW  
 Replacing: 19024085  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm



**112118** Starter 24 V, 6.6 kW  
 Replacing: 19024055  
 Servicing: Isotta Fraschini, Iveco  
 B+ M12, B- M10, 15a M6,  
 Total length 405.00, Gear type DD,  
 Mounting holes 3 (0)  
 A: 92.00 B: 48.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: 19024076  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 41.00 mm



**112120** Starter 24 V, 6.6 kW  
 Replacing: 19024072  
 Servicing: MAN, Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.50 mm



**112169** Starter 24 V, 4.5 kW  
 Replacing: 1993954, 1993903, 10479108  
 Servicing: Case  
 B+ 3/8« UNF, Gear type DD,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 37MT.  
 A: 89.00 B: 46.00 mm



**112227** Starter 24 V, 8.0 kW  
 Replacing: 19024186  
 Servicing: Renault V.I.  
 B+ M10, 15a M5, Total length 405.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 47.00 mm


**112232** Starter 12 V, 2.4 kW

Replacing: 1998405, 1998316, 19010615, 1109485, 1109369, 1108374, 10455602

Servicing: Mercruiser, OMC, Thermo King, Volvo Penta

B+ M10, 15a M5, Total length 320.00, Gear type DD, Mounting holes 2 (0)

Replacing: 10MT.

A: 82.00 B: 46.00 mm


**112233** Starter 12 V

Replacing: 1998599, 1998460, 1998421, 1998404, 1998315, 1998282, 1998280, 19010617, 1109484, 1109358, 1109356

Servicing: Caterpillar, International, Mercruiser

B+ M10, 15a M5, Total length 318.50, Clutch type Wet, Gear type DD, Mounting holes 2 (0)

Replacing: 10MT.

A: 82.45 B: 47.00 mm


**112239** Starter 12 V, 1.4 kW

Replacing: 9000840, 9000839

Servicing: Mercruiser

B+ M8, 15a M5, Total length 232.00, Gear type GR, Mounting holes 2 (0)

Replacing: PG260f1, -G.

A: 67.90 B: 18.00 mm


**112240** Starter 12 V, 1.7 kW

Replacing: 9000899, 9000879, 9000860, 9000786, 12564108, 10465554, 10465167

Servicing: Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile

B+ M8, 15a M5, Total length 245.00, Gear type GR, Mounting holes 2 (0)

Replacing: PG260M.

B: 19.00 mm


**112241** Starter 12 V, 1.5 kW

Replacing: 9000910, 9000871, 9000858, 9000841, 323-1434, 12564107, 10465520

Servicing: Chevrolet, GMC, Isuzu, Oldsmobile

B+ M8, Total length 245.00, Gear type DD, Mounting holes 2 (0)

Replacing: PG260F2.

A: 61.50 B: -9.50 mm


**112243** Starter 24 V

Replacing: 1993910, 1993909, 1993902, 1993901, 1993732, 1993729, 1993707, 1990332, 1990330, 1113541, 1113536

Servicing: Case, Clark

B+ 1/2« UNC, 15a 1/4« UNC, Total length 401.50, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 37MT.

A: 92.00 B: 48.00 mm


**112251** Starter 12 V, 2.3 kW

Replacing: CER3087, 112161, 00E091

Servicing: Ford, LDV

B+ M8, Total length 258.00, Gear type GR, Mounting holes 3 (0)

A: 91.90 B: 19.00 mm


**112253** Starter 12 V, 2.5 kW

Replacing: 10479641, 10479638, 10479625, 10479618, 10479615, 10465314, 10465151

Servicing: Ford, Ingersoll Rand

B+ M10, Total length 342.00, Gear type GR, Mounting holes 3 (0)

Replacing: 28MT.

A: 88.80 B: 45.00 mm


**112254** Starter 24 V

Replacing: 1990238, 1990227, 1109969, 1109835, 1109793, 1109644, 1109641, 1109633, 1109299, 1109294, 10478907

Servicing: Caterpillar

B+ 1/2« UNC, Total length 568.00, Gear type DD, Mounting holes 3 (0), Insulated return, Oil sealed

Replacing: 50MT

A: 100.00 B: 97.00 mm


**112255** Starter 12 V

Replacing: 323-842, 1993974, 1993931, 1993874, 1993871, 1993869, 1993819, 1993794, 1993778, 1993763, 1993719

Servicing: Clark, Cummins

B+ 1/2« UNC, Total length 401.00, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 37MT.

A: 92.00 B: 48.00 mm


**112256** Starter 24 V, 7.0 kW

Replacing: 1993986, 1993741, 1993701, 1990499

Servicing: Case, Lister

B+ 1/2« UNC, 15a M5, 30h 1/4« UNC, Total length 402.00, Clutch type Wet, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 37MT.

A: 89.00 B: 47.45 mm


**112258** Starter 12 V

Replacing: 1993785, 1990438, 1990377, 1114944, 1114936, 1114934, 1114927, 1114920, 1114904, 1114796, 1114789

Servicing: Chevrolet, Detroit, GMC

B+ 1/2« UNC, Total length 519.00, Gear type DD, Mounting holes 3 (0), Oil sealed

Replacing: 42MT.

A: 92.00 B: 47.50 mm


**112267** Starter 12 V, 2.5 kW

Replacing: 323-824, 323-823, 323-419, 1998522, 1998506, 1998490, 1998457, 1998456, 1998423, 1998408, 1113593

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00, Gear type GR, Mounting holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


**112268** Starter 12 V, 2.8 kW

Replacing: 1998484, 1998468, 1998373, 1998357, 1998350, 1998340, 1113597, 1113290, 1113274, 1107540, 10479607

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

B+ M10, Total length 340.00, Gear type GR, Mounting holes 3 (0), Oil sealed

Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112269** Starter 24 V, 4.0 kW

Replacing: 1998351, 10479600, 10461459

Servicing: Lister

B+ M10, Total length 345.00, Clutch type Wet, Gear type GR, Mounting holes 3 (0), Oil sealed

Replacing: 28MT.

A: 88.70 B: 47.00 mm


**112341** Starter 12 V, 2.5 kW

Replacing: 1998442, 1998401, 1113590, 1113589, 1113296, 1113295, 1113270, 1113269, 1113267, 1113266, 1109563

Servicing: Chevrolet, GMC

B+ M10, Total length 337.50, Gear type GR, Mounting holes 2 (0)

Replacing: 27MT, 28MT.

A: 82.50 B: 12.00 mm


**112365** Starter 12 V, 2.2 kW

Replacing: DSR1167L, 110566

Servicing: Nissan

B+ M8, Total length 224.00, Clutch type Wet, Gear type GR, Mounting holes 2 (0)

A: 95.00 B: 10.50 mm


**112507** Starter 24 V, 5.4 kW

Replacing: 19024026

Servicing: Volvo, Volvo Penta

B+ M10, B- M10, Total length 385.00, Gear type DD, Mounting holes 3 (0) 112507 is not oil sealed. Please inform customer

A: 89.00 B: 51.00 mm





**112546** Starter 12 V, 0.6 kW  
 Replacing: 10455516, 10455513  
 Servicing: Cub Cadet, John Deere, Kohler  
 B+ M8, Total length 205.60,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 63.00 B: 8.00 mm



**112581** Starter 24 V, 6.2 kW  
 Replacing: 19070032  
 Servicing: DAF  
 B+ M12, Total length 380.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 110.00 B: 48.00 mm



**112582#** Starter 12 V, 1.5 kW  
 Replacing: 10455709, 10455703  
 Servicing: Chevrolet  
 B+ M8, Total length 205.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 27.00 B: 7.50 mm



**112652** Starter 24 V, 4.5 kW  
 Replacing: 10479605, 10461461  
 Servicing: Detroit  
 B+ M10, Total length 338.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112653** Starter 12 V, 2.5 kW  
 Replacing: 10479604, 10461460  
 Servicing: Clark  
 B+ M10, Total length 339.20,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112660** Starter 12 V, 2.8 kW  
 Replacing: 1107867, 1107862  
 Servicing: Case  
 B+ M10, Total length 333.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.80 B: 48.00 mm



**112667** Starter 12 V, 2.5 kW  
 Replacing: 323-1188, 10479614, 10465402  
 Servicing: Ford  
 B+ M10, Total length 339.00,  
 Gear type GR, Mounting holes 3 (0)  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112668** Starter 12 V, 2.5 kW  
 Replacing: 1113284, 1113248, 10461483  
 Servicing: Hough, Komatsu  
 B+ M10, 15a M5, Total length 338.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112847#** Starter 12 V, 1.4 kW  
 Replacing: 21021366, 21020893  
 Servicing: Saturn  
 B+ M8, Total length 209.35,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 Replacing: PG150.  
 A: 66.45 B: 18.00 mm



**112897** Starter 12 V, 1.7 kW  
 Replacing: 9000798, 9000796, 9000773, 323-488, 323-480, 1998591, 1998577, 1998564, 1998557, 1998516, 1998435  
 Servicing: American Motors, Buick, Cadillac, Chevrolet, Jeep, Mercruiser, Pontiac  
 B+ M8, Total length 236.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0), Waterproof  
 Replacing: PG250, -260.  
 A: 68.00 B: 8.70 mm



**112898** Starter 12 V, 1.6 kW  
 Replacing: 9000882, 9000878, 9000863, 9000806, 9000797, 9000776, 323-531, 323-501, 323-457, 323-1449, 12567398  
 Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac  
 B+ M8, Total length 263.40,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 Replacing: PG250, -260.  
 B: 19.50 mm


**112899** Starter 12 V, 1.4 kW

Replacing: 9000856, 12564089  
 Servicing: Chevrolet, Pontiac, Saturn  
 B+ M8, Total length 212.40,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 Replacing: PG260D.  
 A: 75.00 B: 31.00 mm


**112900** Starter 12 V, 1.4 kW

Replacing: 9000859, 9000847, 9000833,  
 323-1396, 323-1062, 10465542, 10465459,  
 10465384  
 Servicing: Buick, Chevrolet, GMC, Isuzu,  
 Oldsmobile, Pontiac  
 B+ M8, Total length 218.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 Replacing: PG260F1.  
 A: 68.20 B: 10.00 mm


**112901#** Starter 12 V, 1.5 kW

Replacing: 9000857, 9000836, 323-1191,  
 22506694, 10465421  
 Servicing: Buick, Chevrolet, Oldsmobile,  
 Pontiac  
 B+ M8, Total length 237.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 Replacing: PG260F2.  
 A: 68.20 B: 8.00 mm


**112902** Starter 12 V, 1.2 kW

Replacing: 9000939, 9000925, 9000873,  
 9000854, 9000842, 9000837, 336-2002, 323-  
 1483, 323-1400, 12573853  
 Servicing: Buick, Cadillac, Chevrolet, GMC  
 B+ M8, Total length 214.40,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 Replacing: PG260F2.  
 A: 67.00 B: 10.20 mm


**112903#** Starter 12 V, 1.4 kW

Replacing: 9000872, 323-1437, 12563718,  
 10465525  
 Servicing: Buick, Chevrolet, Oldsmobile,  
 Pontiac  
 B+ M8, Total length 221.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 Replacing: PG260G.  
 A: 68.30 B: 19.00 mm


**112904** Starter 12 V, 1.7 kW

Replacing: 9000876, 9000862, 9000805,  
 9000775, 323-489, 323-1432, 12563919,  
 10465523, 10465294  
 Servicing: Cadillac, Oldsmobile  
 B+ M8, Total length 242.50,  
 Gear type GR, Mounting holes 2 (0)  
 Replacing: PG260L, -260M.  
 A: 82.50 B: 32.00 mm


**112905** Starter 12 V, 1.6 kW

Replacing: 9000926, 9000875, 323-1476,  
 323-1446, 12563863, 10465527  
 Servicing: Buick, Chevrolet, GMC,  
 Oldsmobile  
 B+ M8, 15a M5, Total length 232.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 Replacing: PG260L.  
 A: 82.30 B: 29.60 mm


**112906** Starter 12 V, 1.7 kW

Replacing: 9000866, 9000853, 9000834,  
 89000853, 323-1063, 12563907, 10465385  
 Servicing: Cadillac, Chevrolet, GMC, Pontiac  
 B+ M8, 15a M5, Total length 246.15,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 Replacing: PG260M.  
 A: 67.70 B: 19.00 mm


**112907** Starter 12 V, 1.7 kW

Replacing: 9000874, 9000804, 323-1430,  
 323-1145, 12563916, 10465521, 10465386  
 Servicing: Chevrolet, Oldsmobile, Pontiac  
 B+ M8, Total length 236.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 Replacing: PG260M.  
 A: 82.40 B: 16.50 mm



**112908<sup>#</sup>** Starter 12 V, 1.7 kW  
 Replacing: 9000900, 9000865, 9000827, 323-1192, 10465422  
 Servicing: Oldsmobile  
 B+ M8, Total length 235.00,  
 Gear type GR, Mounting holes 3 (0)  
 Replacing: PG260M.  
 A: 67.50 B: 8.00 mm



**112909<sup>#</sup>** Starter 12 V  
 Replacing: 323-430, 323-319, 1998529, 1998447, 1109551, 10465036, 10455021  
 Servicing: Buick, Oldsmobile, Pontiac  
 B+ M10, 15a M5, Total length 247.85,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (1)  
 Replacing: 5MT.  
 A: 82.40 B: 13.00 mm



**112910** Starter 12 V  
 Replacing: 323-287, 1998548, 1998527, 1998466  
 Servicing: Chevrolet, Pontiac  
 B+ M10, 15a M5, Total length 274.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 Replacing: 5MT.  
 A: 69.80 B: 16.00 mm



**112911** Starter 12 V, 1.6 kW  
 Replacing: 323-533, 323-529, 323-503, 323-474, 323-472, 323-429, 323-428, 323-350, 24507410, 1998533, 1998523  
 Servicing: Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac  
 B+ M8, Total length 270.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 B: 21.00 mm



**112912** Starter 12 V, 1.6 kW  
 Replacing: 323-1065, 323-1064, 12558851, 10465389, 10455065  
 Servicing: Cadillac, Chevrolet, GMC  
 B+ M8, Total length 268.80,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (0)  
 A: 65.50 B: 9.00 mm



**112913<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: 323-473, 323-1205, 10465435, 10465097, 10465079, 10455076, 10455012  
 Servicing: Buick, Cadillac, Chevrolet, Hyster, Oldsmobile, Pontiac  
 B+ M8, Total length 251.60,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 Replacing: SD260.  
 A: 68.00 B: 2.00 mm



**113006<sup>#</sup>** Starter 12 V, 1.7 kW  
 Replacing: 9000864, 9000812, 323-528, 10465375  
 Servicing: GMC  
 B+ M8, Total length 237.60,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 Replacing: PG260M.  
 A: 76.30 B: 13.00 mm



**113007** Starter 24 V, 4.0 kW  
 Replacing: 1998519, 1113272, 10461444  
 Servicing: John Deere  
 B+ M10, Total length 338.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 82.50 B: 33.00 mm



**113010<sup>#</sup>** Starter 24 V, 4.0 kW  
 Replacing: 10479612, 10479608, 10461464  
 Servicing: Lister  
 B+ M10, 15a M5, Total length 341.50,  
 Gear type GR, Mounting holes 3 (0)  
 Replacing: 28MT.  
 A: 88.50 B: 46.00 mm



**113102<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: 1998538, 10455003  
 Servicing: Cadillac  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 38.00 B: 11.00 mm




**113103** Starter 12 V, 1.4 kW

Replacing: 323-417, 1998578, 10465024, 10455702

Servicing: Chevrolet

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)

A: 38.00 B: 7.00 mm


**113122#** Starter 12 V, 1.1 kW

Replacing: 323-490, 21024332, 21023232, 21020761, 10465298

Servicing: Saturn

 B+ M8, 15a M8, Total length 211.10,  
 Gear type GR, Mounting holes 2 (0)

A: 66.35 B: 18.15 mm


**113123#** Starter 12 V

Replacing: 323-839, 323-818, 1993855, 1993850, 1993789, 1993759, 1993738, 1990308, 10461044, 10461005

Servicing: Chevrolet, GMC

 B+ M12, Total length 403.00,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 37MT, 41MT.

A: 92.00 B: 47.25 mm


**113125** Starter 12 V

Replacing: 323-840, 1993854, 1993767, 1990347, 10461011, 10461006

Servicing: Ford, New Holland

 B+ 1/2« UNC, Total length 401.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 3 (0), Oil sealed  
 Replacing: 37MT, 41MT.

A: 92.00 B: 48.25 mm


**113126** Starter 12 V

Replacing: 323-879, 1993963, 10478806, 10461081

Servicing: Caterpillar, Chevrolet, Ford, GMC, Kenworth

 B+ 1/2« UNC, Total length 434.00,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed

Replacing: 37MT, 41MT.

A: 88.90 B: 46.50 mm


**113131** Starter 12 V, 3.0 kW

Replacing: 94052175, 94039465

Servicing: Isuzu

 B+ M10, Total length 319.50,  
 Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 40.50 mm


**113153** Starter 12 V

Replacing: 323-864, 1993836, 1993776, 1990484, 1990428, 1990426, 1990421, 1990393, 1990391, 1990355, 10479082

Servicing: Freightliner

 B+ 1/2« UNC, Gear type DD,  
 Mounting holes 3 (0)

Replacing: 42MT.

A: 91.85 B: 45.25 mm


**113172** Starter 12 V, 2.0 kW

Replacing: 1109439, 1109423, 1109418, 1108493, 1108443, 1107335

Servicing: Caterpillar, Hyster, Yale

 B+ M8, Total length 249.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0), Oil sealed

Replacing: 10MT.

A: 88.70 B: 46.00 mm


**113225#** Starter 12 V, 1.4 kW

Replacing: 323-516

Servicing: Ford, Ford USA, Lincoln, Mercury

 B+ M8, Total length 224.50,  
 Gear type GR, Mounting holes 2 (0)

A: 76.00 B: 14.35 mm


**113256#** Starter 12 V, 1.8 kW

Replacing: 455957

Servicing: Opel, Renault, Vauxhall

 B+ M8, Total length 236.50,  
 Gear type GR, Mounting holes 3 (2)

A: 71.20 B: 0.00 mm



**113333** Starter 24 V, 7.0 kW  
 Replacing: 1993980  
 Servicing: Seddon  
 B+ M12, B- M12, Total length 483.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm



**113384** Starter 32 V  
 Replacing: 1990333, 1990246, 1990226,  
 1109769, 1109627, 1109625, 1109282,  
 1109281, 1109276, 10478828  
 Servicing: Caterpillar  
 B+ 1/2« UNC, 15a 10-32 UNF,  
 Total length 518.75, Gear type DD,  
 Mounting holes 3 (0), Insulated return  
 Replacing: 50MT  
 A: 92.00 B: 46.50 mm



**113429** Starter 12 V, 4.2 kW  
 Replacing: 10465537, 10461645  
 Servicing: Case, Cummins  
 B+ M10, Total length 326.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 91.90 B: 47.50 mm



**113435** Starter 24 V, 4.5 kW  
 Replacing: 323-408, 1113591, 10479611,  
 10465015, 10461453  
 Servicing: Hummer, Various  
 B+ M10, Total length 336.50,  
 Gear type GR, Mounting holes 2 (0)  
 Replacing: 28MT.  
 A: 82.00 B: 7.50 mm



**113452** Starter 12 V, 2.5 kW  
 Replacing: 10479617, 10461466  
 Servicing: Agco White  
 B+ M10, 15a M5, Total length 338.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (0)  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm



**113466** Starter 24 V, 4.0 kW  
 Replacing: 19024280  
 Servicing: Renault V.I.  
 B+ M10, Total length 316.00,  
 Gear type DD/GR, Mounting holes 3 (0)  
 A: 88.90 B: 22.00 mm



**113550** Starter 12 V  
 Replacing: 8300019, 8200040, 8200033,  
 19011530, 19011521, 19011518, 19011516,  
 19011506, 10461777, 10461753  
 Servicing: Mack  
 B+ M12, Total length 402.80,  
 Gear type GR, Mounting holes 3 (0),  
 Insulated return  
 Replacing: 39MT.  
 A: 92.00 B: 46.00 mm



**113659** Starter 12 V, 0.9 kW  
 Replacing: 8000174, 113136  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 186.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 76.90 B: 18.00 mm



**113679** Starter 12 V, 1.6 kW  
 Replacing: 9000885  
 Servicing: Clark  
 B+ M8, 15a M5, Total length 243.00,  
 Gear type GR, Mounting holes 2 (0)  
 Replacing: PG260L.  
 B: 18.00 mm



**113682<sup>#</sup>** Starter 12 V, 3.3 kW  
 Replacing: 8200010, 19011400, 10461770  
 Servicing: Ford, Freightliner, Sterling  
 B+ M10, Total length 307.00,  
 Gear type GR, Mounting holes 3 (0)  
 Replacing: 29MT.  
 A: 88.75 B: 46.50 mm


**113695** Starter 24 V, 6.0 kW

Replacing: 1993918, 1993831, 10478960, 10478811, 10461405, 10461402

Servicing: Caterpillar

 B+ M12, Total length 433.50,  
 Gear type DD, Mounting holes 3 (0),  
 Oil sealed

Replacing: 37MT.

A: 89.00 B: 47.00 mm


**113725** Starter 12 V, 2.5 kW

Replacing: 10465540

Servicing: Case

 B+ M10, Total length 300.00,  
 Gear type DD, Mounting holes 2 (0)

A: 88.60 B: 49.00 mm


**113827** Starter 24 V, 7.6 kW

Replacing: 8300025, 8200072, 8200000, 19026030, 19026026, 19023060

Servicing: Cummins

 B+ M12, B- M12, 15a M5, 30h M12,  
 Total length 406.00, Gear type GR,  
 Mounting holes 3 (0)

A: 91.70 B: 46.95 mm


**113850** Starter 24 V, 5.4 kW

Replacing: 19024101

Servicing: Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mounting holes 3 (0),  
 Insulated return, Oil sealed

A: 89.00 B: 51.00 mm


**113851** Starter 24 V

Replacing: 8200519, 19024196, 19011501

Servicing: Mercedes-Benz

 B+ M12, B- M6, Total length 348.50,  
 Gear type DD/GR, Mounting holes 3 (0)  
 Replacing: 39MT.

A: 92.00 B: 47.70 mm


**113860** Starter 12 V, 0.8 kW

Replacing: 96289430

Servicing: Chevrolet, Daewoo

 B+ M8, Total length 185.00,  
 Gear type DD, Mounting holes 2 (1)

A: 75.00 B: 6.50 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113915** Starter 12 V

Replacing: 8200291, 8200186, 8200058

Servicing: Volvo

 B+ M12, B- M12, Total length 414.50,  
 Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 48.30 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113916** Starter 12 V

Replacing: 8200290, 8200104, 8200090, 8200050, 19011529

Servicing: Kenworth, Peterbilt Trucks

 B+ M12, B- M12, Total length 413.00,  
 Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113917** Starter 12 V

Replacing: 8200287, 8200084, 8200082, 19011525, 19011514

Servicing: Freightliner, Western Star

 B+ M12, B- M12, Total length 414.50,  
 Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**113918** Starter 12 V

Replacing: 8200288, 8200037, 19011531, 19011505, 19011500

Servicing: Mack

 B+ M12, B- M12, Total length 414.00,  
 Gear type GR, Mounting holes 3 (0)

A: 92.00 B: 45.00 mm


**114013** Starter 24 V

Replacing: 8200086, 8200029, 19011524, 19011511, 10461759, 10461758

Servicing: Cummins

 B+ M12, Total length 419.00,  
 Gear type GR, Mounting holes 3 (0)

Replacing: 39MT.

A: 92.00 mm


**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)
**114136<sup>#</sup>** Starter 12 V

Replacing: 10465102, 10465031, 10465023, 10455049, 10455044, 10455015, 10455001

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

 B+ M8, Total length 299.00,  
 Gear type GR

A: 88.70 B: 28.75 mm





**NEW PRODUCT**  
www.hc-cargo.com

**114148** Starter 12 V, 7.2 kW  
 Replacing: 8200433, 8200308  
 Servicing: Freightliner, Kenworth, Peterbilt, Sterling  
 B+ M12, 15a M5, Total length 419.00,  
 Mounting holes 3 (0)  
 NOTE: w/ rotating D.E. Bracket.  
 A: 92.00 B: 60.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114159\*** Starter 12 V, 1.8 kW  
 Replacing: 96843574, 96627034  
 Servicing: Chevrolet  
 Mounting holes 2 (0)



**114325** Starter 12 V, 4.6 kW  
 Replacing: 8300024, 8200077, 8200023,  
 1993879, 1993756, 19026031, 10479107  
 Servicing: Cummins  
 B+ M12, Total length 365.50,  
 Gear type GR, Mounting holes 3 (0)  
 38MT.  
 A: 89.00 B: 47.00 mm



**114326** Starter 24 V, 7.5 kW  
 Replacing: 8300023, 8200078, 8200024,  
 19026032  
 Servicing: Cummins  
 B+ M12, Total length 265.50,  
 Gear type GR, Mounting holes 3 (3)  
 38MT.  
 A: 88.80 B: 47.00 mm



**114330** Starter 24 V, 8.3 kW  
 Replacing: 8300018, 8300016, 8200041,  
 8200039, 8200034, 8200032, 8200022,  
 19011523, 19011522, 19011509  
 Servicing: Cummins  
 Total length 358.10, Gear type GR,  
 Mounting holes 3 (3)  
 39MT  
 A: 92.00 B: 47.00 mm



**114331** Starter 24 V, 8.3 kW  
 Replacing: 8200321  
 Servicing: Caterpillar, Cummins  
 B+ M12, Total length 358,50,  
 Mounting holes 3 (3)  
 39MT  
 A: 92.00 B: 47.00 mm



**114341** Starter 12 V, 1.2 kW  
 Replacing: 9000967, 9000934, 9000902,  
 8000180, 12567585  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR  
 A: 75.00 B: 30.00 mm



**114397** Starter 24 V, 4.0 kW  
 Replacing: 19024294  
 Servicing: Cummins  
 B+ M10, Gear type DD,  
 Mounting holes 3 (0)  
 A: 89.00 B: 48.20 mm



**114416** Starter 24 V, 7.5 kW  
 Replacing: 1993828, 1993788, 10479142,  
 10479130, 10479067, 10461362, 10461141,  
 10461080  
 Servicing: Mack  
 B+ M12, 15a M6, 30h M6,  
 Total length 448.00, Mounting holes 3 (0)  
 A: 91.00 B: 67.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**114503** Starter 12 V, 1.5 kW  
 Replacing: 96647521  
 Servicing: Chevrolet  
 B+ M8x1.25, Total length 207.00,  
 Gear type GR, Mounting holes 2 (0)  
 k150 er M6 med ledning og SW Terminal  
 A: 82.50 B: 18.00 mm

Replacing Remy (Delco)



**110367** Starter 12 V, 1.0 kW

Replacing: DM92140, DM2146, DM2140

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00,

Gear type DD, Mounting holes 3 (0)

A: 66.00 B: 10.50 mm



**110529** Starter 12 V, 3.0 kW

Replacing: DM2138

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm



**110640** Starter 12 V, 3.0 kW

Replacing: DM2134, DM2130, DM2120, 2130

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Total length 310.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm



**110866** Starter 12 V, 0.9 kW

Replacing: DM2140

Servicing: Renault

B+ M8, Total length 197.65,

Gear type DD, Mounting holes 3 (2)

A: 66.00 B: 10.50 mm


**110616** Starter 24 V, 4.5 kW

Replacing: 0350-502-0131, 0350-502-0130

Servicing: Nissan

B+ M8, Total length 292.00,

Gear type GR, Mounting holes 3 (0)

A: 105.00 B: 33.80 mm


**112503<sup>#</sup>** Starter 24 V, 7.5 kW

Replacing: 0351-602-0413, 0351-602-0412,

0351-602-0411, 0351-602-0410

Servicing: Komatsu

B+ M10, Total length 403.50,

Clutch type Wet, Gear type GR,

Mounting holes 3 (0)

*w/ safety switch.*

A: 92.00 B: 47.00 mm


**113130** Starter 24 V, 4.5 kW

Replacing: 0350-552-0328, 0350-552-0326,

0350-552-0325, 0350-552-0324, 0350-552-

0323, 0350-552-0322

Servicing: Hino

B+ M10, Total length 296.00,

Gear type GR, Mounting holes 2 (1)

A: 105.00 B: 32.00 mm


**114017** Starter 24 V, 5.5 kW

Replacing: 0350-552-0338, 0350-552-0330,

0350-552-0311

Servicing: Hino

B+ M10, Total length 326.00,

Gear type GR, Mounting holes 3 (0)

A: 100.00 B: 25.00 mm


**114337** Starter 12 V, 4.5 kW

Replacing: 0350-552-0061, 0350-552-0014,

0330-402-0320, 0330-402-0311, 0330-402-

0310, 0330-402-0012

Servicing: Hino

B+ M10, Total length 296.60

A: 100.00 B: 64.00 mm


**114344** Starter 24 V, 6.0 kW

Replacing: 0350-602-0118

Servicing: Hino

B+ M10, Total length 324.45

A: 121.00 B: 58.00 mm


**114345** Starter 24 V, 6.0 kW

Replacing: 0350-702-0339, 0350-702-0294,

0350-702-0226, 0350-702-0180, 0350-702-

0025, 0350-702-0024

Servicing: Hino

B+ M10, Total length 315.70

A: 122.00 B: 82.00 mm


**114421** Starter 24 V, 6.0 kW

Replacing: 0350-602-0261

Servicing: Hino

B+ M10, Total length 324.50,

Mounting holes 3 (0)

A: 105.00 B: 74.00 mm


**114436** Starter 24 V, 5.0 kW

Replacing: 0355-502-0041, 0355-502-0040,

0355-502-0019

Servicing: Hino

B+ M8, Total length 287.90,

Mounting holes 2 (0)

A: 105.00 B: 29.50 mm


**114441** Starter 24 V, 5.5 kW

Replacing: 0350-552-0357

Servicing: Hino

B+ M10, Total length 321.00,

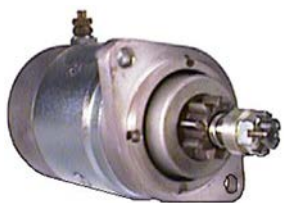
Mounting holes 2 (0)

A: 105.00 B: 78.00 mm




**110637** Starter 12 V, 0.4 kW

Replacing: M0101, 3M0101  
 Servicing: Lombardini  
 B+ M6, Total length 182.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 62.00 B: 27.50 mm


**111645** Starter 12 V, 0.4 kW

Replacing: M0101/10, 3M0110/10  
 Servicing: Alfa Romeo, Fiat, Lancia,  
 Lombardini, Same  
 B+ M6, Total length 182.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 62.00 B: 27.50 mm


**111646** Starter 12 V, 0.2 kW

Replacing: PN001/3, 3PN0001/3  
 Servicing: Lombardini  
 B+ M6, Total length 181.00,  
 Gear type DD, Mounting holes 2 (0)  
 B: 13.50 mm


**111789#** Starter 12 V, 0.4 kW

Replacing: ES110FUS, ES0110FUS,  
 3ES0110FUS  
 B+ M5, Total length 194.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 50.00 B: 17.50 mm


**112161** Starter 12 V, 0.35 kW

Replacing: ES200S, 3ES0200S  
 Servicing: Selva  
 B+ M5, Total length 182.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 62.00 B: 28.50 mm


**112250** Starter 12 V, 0.6 kW

Replacing: M0101PSE, 3M0101PSE  
 B+ M6, Total length 182.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 62.00 B: 27.50 mm


**112339** Starter 12 V, 0.3 kW

Replacing: PN0001, 3PN0001  
 B+ M6, Total length 180.00,  
 Gear type DD, Mounting holes 2 (0)  
 B: 18.00 mm


**114252** Starter 12 V, 0.3 kW

Replacing: 3PN0001H  
 Servicing: Eurofrigo  
 B+ M6, Total length 180.50,  
 Gear type DD, Mounting holes 2 (0)


**112312** Starter 12 V, 0.48 kW

Replacing: 36680, 36463, 35763A, 35763, 33606, 33605, 33306

Servicing: Tecumseh

 B+ 1/4« UNF, Total length 166.50,  
 Gear type DD, Mounting holes 4 (0)

B: 34.50 mm


**112313** Starter 12 V, 0.5 kW

Replacing: 33835

Servicing: Massey Ferguson, Tecumseh

 B+ M6, Total length 190.00,  
 Gear type DD, Mounting holes 3 (0)

B: 29.00 mm


**112564** Starter 12 V

Replacing: 35765A, 35765, 32468B, 32468A, 32468

Servicing: John Deere, Tecumseh

 B+ M6, Total length 166.50,  
 Gear type DD, Mounting holes 4 (0)

A: 59.00 B: 33.00 mm


**112565** Starter 12 V, 0.5 kW

Replacing: 36795, 36264

Servicing: Tecumseh

 B+ M6, Total length 172.00,  
 Gear type DD, Mounting holes 2 (0)

A: 43.50 B: 30.00 mm


**112566** Starter 12 V, 0.5 kW

Replacing: 37425, 36914

Servicing: Tecumseh

 B+ 1/4« UNC, Total length 186.00,  
 Gear type DD, Mounting holes 2 (0)

B: 41.00 mm


**112570** Starter 120 V

Replacing: 37000, 35096, 33519B, 33519A, 33519, 33329E, 33329D, 33329C, 33329B, 33329A, 33329, 32423

Servicing: Tecumseh

 B+ Plug, 30h Plug, Total length 175.00,  
 Gear type DD, Mounting holes 4 (0)

A: 46.00 B: 25.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114521\*** Starter 12 V

Replacing: 33607

Servicing: Tecumseh



**110240** Starter 12 V, 0.6 kW

Replacing: SMH12B41, SM17996, SM10629, SM02610, 5704840-M030SM, 5704820M030SM, 1799640M030SM, 1799640-M030SM

Servicing: Johnson

B+ M8, Total length 209.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 1 (0)

A: 63.40 B: 44.00 mm



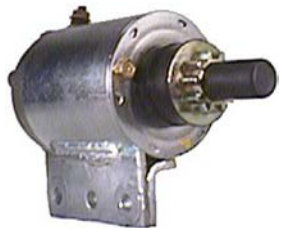
**110241** Starter 12 V, 0.8 kW

Replacing: SMH12B31, SM09961, MO551017A, MO551014A, MO551017, MO551014A, MO55017A, MO55014A, 0996140M030SM

Servicing: Mercury

B+ 1/4« UNC, Total length 210.00,  
Gear type DD, Mounting holes 2 (2)

A: 54.00 B: 0.50 mm



**110510** Starter 12 V, 0.5 kW

Replacing: SMH12A4, SMH12A202, SMH12A201, SMH12A2, SMH12A102, SME12A8, SME12A11, SM56661, SM50497, SM16353

Servicing: John Deere

B+ M6, Total length 182.55,  
Gear type DD, Mounting holes 3 (0)

B: 39.00 mm



**110634** Starter 12 V, 0.65 kW

Replacing: SMO1965, SMO1965

Servicing: Briggs & Stratton

B+ 1/4« UNC, Total length 170.00,  
Gear type DD, Mounting holes 3 (0)



**110636** Starter 12 V, 0.6 kW

Replacing: SM44120, 5273440M030SM, 4412040M030SM, 4412040

Servicing: Chrysler

B+ 1/4« UNC, Total length 262.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 2 (2)

A: 63.30 B: 64.00 mm



**110644** Starter 12 V, 0.6 kW

Replacing: SMO2469, SMH12C41, SMH1201399, SM59535, SM57047, SM20703, SM20702, SM17917, SM17916, SMO2466

Servicing: Johnson

B+ 1/4« UNC, Total length 228.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 2 (0)

A: 63.00 B: 44.00 mm



**110645** Starter 12 V, 0.9 kW

Replacing: SM47862, SM08142, 4786240M030SM, 4786240-M030SM, 0814240M030SM

Servicing: Johnson

B+ 1/4« UNC, Total length 253.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 1 (0)

A: 63.50 B: 43.50 mm



**110647** Starter 12 V, 0.6 kW

Replacing: SMH12B43, SMH12B42, SM57053, SM11279, SM1122940, SM11229, SM08041, 5705340M030SM, 5705340-M030SM

Servicing: Evinrude, Johnson

B+ M6, Total length 208.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 3 (0)

A: 63.30 B: 44.70 mm



**110648** Starter 12 V, 0.7 kW

Replacing: SMH12C31, SM48865, SM48201, SM09964, SM09962, SM01446, 4886540M030SM, 4820140-M030SM, 4820123M030SM

Servicing: Mariner, Mercury

B+ 1/4« UNC, Total length 263.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 1 (0)

A: 54.80 B: 48.00 mm



**110649** Starter 12 V, 0.8 kW

Replacing: SM48369, SM11478, SM10652, 4836940M030SM, 4836940-M030SM, 1147840M030SM, 1147840-M030SM

Servicing: Mercury

B+ M6, Total length 290.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 1 (0)

A: 54.80 B: 45.30 mm




**110650** Starter 12 V, 0.8 kW

Replacing: SM48204, SM14916, 4820524MO30SM, 4820440MO30SM, 4820440-MO30SM, 1718328MO30SM, 1718328-MO30SM

Servicing: Lancia, Mercury

B+ M6, Total length 291.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 1 (0)

A: 55.00 B: 47.30 mm


**110654** Starter 12 V, 1.7 kW

Replacing: SM48203, SM48202, SM47764, SM10970, SM10790, 4820340MO30SM, 4820340-MO30SM, 4820250-MO30SM

Servicing: Mercury

B+ 1/4« UNC, Total length 240.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 1 (0)

A: 54.50 B: 47.50 mm


**110949** Starter 12 V, 0.6 kW

Replacing: SM56662, SM18190, SM17705, 5666240MO30SM, 5666240-MO30SM, 5666220MO30SM, 5213140MO30SM

Servicing: Bobcat, Kohler

B+ M6, Total length 215.25,  
Drive type Bronze, Gear type DD,  
Mounting holes 0 (0)

A: 63.40 B: 45.80 mm


**110999** Starter 24 V

Replacing: 9G4338

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, 15a M5, Total length 499.50,  
Gear type DD, Mounting holes 3 (0),  
Insulated return, Oil sealed  
Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111012** Starter 12 V, 0.5 kW

Replacing: SM56666, SM47330, 5666640MO30SM, 5666640-MO30SM, 5666620MO30SM, 4733040MO30SM, 4733040-MO30SM

Servicing: Kohler, Massey Ferguson

B+ M8, Total length 201.00,  
Gear type DD, Mounting holes 0 (0)

B: 39.00 mm


**111043** Starter 12 V, 0.6 kW

Replacing: SM02556, 5705140-MO30SM, 5705120MO30SM, 0255640-MO30SM, 0255625-MO30SM

Servicing: Evinrude, Johnson

B+ M6, Total length 200.50,  
Drive type Bronze, Gear type DD

A: 63.30 B: 43.50 mm


**111700** Starter 12 V

Replacing: SMH12A5, SMH12A3, SM56657, SM05995, 5665740MO30SM, 5665740-MO30SM, 5665720MO30SM, 0599540MO30SM

Servicing: Kohler

B+ M6, Total length 183.00,  
Drive type Bronze, Gear type DD,  
Mounting holes 2 (0)


**111701** Starter 12 V, 0.8 kW

Replacing: SMH12C1, SM56659, SM15745, 5666740MO30SM, 5666740, 5665940MO30SM, 5665940-MO30SM, 5665940

B+ M8, Total length 251.25,  
Gear type DD, Mounting holes 4 (3)

A: 69.60 B: 56.30 mm


**111702<sup>#</sup>** Starter 12 V, 0.5 kW

Replacing: SMH12A6, SMH12A1, SM69967, SM56665, SM43727, SM05996, 6996720MO30SM, 4372740MO30SM, 4372740-MO30SM

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, Total length 182.70,  
Gear type DD, Mounting holes 2 (0)



**112145** Starter 12 V, 0.5 kW

Replacing: SM56714, SM47690, 5769040-MO30SM, 5671440MO30SM, 5671440-MO30SM, 4769040MO30SM, 4769040-MO30SM

Servicing: Johnson, OMC  
B+ 1/4« UNF, Total length 267.20, Gear type GR, Mounting holes 2 (0)



**112146** Starter 12 V, 0.6 kW

Replacing: SM56676, 5667640MO30SM, 5667640-MO30SM

Servicing: Mercury  
B+ M6, Total length 265.50, Drive type Bronze, Gear type DD, Mounting holes 0 (0)  
A: 77.00 B: 62.00 mm



**112150** Starter 12 V

Replacing: SM56670, SM52784, SM52397, 6734620MO30SM, 5667040MO30SM, 5667040-MO30SM, 5278440MO30SM

Servicing: Cub Cadet, Kohler  
B+ 1/4« UNC, Total length 202.00, Gear type DD, Mounting holes 2 (0)  
B: 17.00 mm



**112154#** Starter 12 V

Replacing: SM57050, SM47309, 5705040MO30SM, 5705040-MO30SM, 5705020MO30SM, 5705020MO30SM, 4730940MO30SM

Servicing: Chrysler, Dodge, OMC  
B+ M6, Total length 228.50, Gear type DD, Mounting holes 3 (0)  
B: 46.00 mm



**112156** Starter 12 V

Replacing: 5704940MO30SM, 5704940-MO30SM, 5071240MO30SM

Servicing: Evinrude, Johnson  
B+ 1/4« UNF, Total length 200.90, Gear type DD, Mounting holes 0 (0)



**112157** Starter 12 V

Replacing: 6858540-MO30SM, 6858540MO30SM, 6858540, 5249840MO30SM, 5249840-MO30SM

Servicing: Johnson, OMC  
B+ 1/4« UNC, Total length 187.00, Gear type DD, Mounting holes 2 (2)  
A: 36.50 mm



**112244** Starter 12 V

Replacing: SM56669, 6560020MO30SM, 5666940MO30SM, 5666940-MO30SM, 5278340MO30SM, 5278340-MO30SM, 5225040MO30SM

Servicing: Johnson  
B+ M6, Total length 188.50, Gear type DD, Mounting holes 2 (2)  
B: 17.50 mm



**112247** Starter 12 V

Replacing: SM52160, SM20521, 5216040MO25SM, 5216040-MO30SM, 5216040-MO25SM, 5216020MO25SM

Servicing: Mercury  
B+ M5, Total length 186.00, Gear type DD, Mounting holes 2 (2)  
B: 71.00 mm



**112546** Starter 12 V, 0.6 kW

Replacing: 5174740  
Servicing: Cub Cadet, John Deere, Kohler  
B+ M8, Total length 205.60, Clutch type Wet, Gear type DD, Mounting holes 2 (0)  
A: 63.00 B: 8.00 mm



**112567** Starter 12 V

Replacing: SMH12B81, SM47548, SM10795, 4754840MO30SM, 1079540MO30SM  
Servicing: Onan  
B+ 1/4« UNC, Total length 210.00, Gear type DD, Mounting holes 2 (0)


**112568** Starter 12 V

Replacing: SM56663, SM18191, 5666340MO30SM, 5666340-MO30SM, 5666320MO30SM, 1819140MO30SM, 1819140-MO30SM

Servicing: John Deere, Kohler

B+ 1/4« UNC, Total length 230.00, Drive type Bronze, Gear type DD, Mounting holes 0 (0)

B: 46.00 mm


**112825#** Starter 12 V

Replacing: SM52756, 5672740MO30SM, 5275640MO30SM, 5275640-MO30SM

Servicing: Mariner

B+ M8, Total length 275.25, Gear type DD, Mounting holes 2 (0)

B: 36.00 mm


**112826** Starter 12 V

Replacing: SM56756, 5675640MO30SM, 5675640-MO30SM, 5675620MO30SM

Servicing: Mercury

B+ M6, Total length 231.00, Gear type DD, Mounting holes 2 (2)

B: 33.00 mm


**112827** Starter 12 V

Replacing: SM56769, 5676940MO30SM, 5676940-MO30SM

Servicing: Force

B+ M6, Total length 248.00, Gear type DD, Mounting holes 2 (0)

B: 32.00 mm


**112829** Starter 12 V

Replacing: SM67675, 6767540MO30SM, 6767540-MO30SM

Servicing: Mercury

B+ 1/4« UNC, Total length 212.80, Drive type Bronze, Gear type DD, Mounting holes 2 (0)

B: 33.60 mm


**112830** Starter 12 V

Replacing: 6743040MO30SM, 6743040-MO30SM, 6743040

Servicing: Mariner, Mercury

B+ M6, Total length 231.00, Gear type DD, Mounting holes 2 (0)

B: 46.00 mm


**112831** Starter 12 V, 0.6 kW

Replacing: SM56664, SM52132, SM21349, 56666420MO30SM, 5666440MO30SM, 5666440-MO30SM, 5666420MO30SM

Servicing: Cub Cadet, Kohler

B+ M6, Total length 246.50, Gear type DD, Mounting holes 2 (0)

A: 63.50 B: 41.40 mm


**112832** Starter 12 V, 0.6 kW

Replacing: SM60917, SM60194, SM60138, 6019440MO30SM, 6013840MO30SM, 6013840-MO30SM, 10666620MO30MM

Servicing: Onan

B+ M6, Total length 233.50, Gear type DD, Mounting holes 2 (0)

A: 70.00 B: 37.00 mm


**113014** Starter 12 V

Replacing: SM57104, SM50861, SM50681, SM20200, 5710440MO30SM, 5710440-MO30SM, 5086140MO30SM, 5086140-MO30SM

Servicing: Lincoln, OMC

B+ M6, Total length 235.00, Gear type DD, Mounting holes 3 (3)

A: 70.00 B: 14.90 mm


**113015** Starter 12 V

Replacing: SM43790, SM43672, 4379040MO30SM, 4379040-MO30SM, 4367240MO30SM, 4367240-MO30SM

Servicing: Cub Cadet, John Deere, New Holland, Onan, Toro

B+ M6, Total length 228.75, Drive type Bronze, Gear type DD, Mounting holes 2 (0)

B: 27.40 mm





**113017** Starter 12 V  
 Replacing: 6727040M030SM, 5667140M030SM, 5667140-M030SM  
 Servicing: John Deere  
 B+ M6, Total length 181.00,  
 Gear type DD, Mounting holes 2 (0)  
 B: 30.00 mm



**113149**<sup>#</sup> Starter 12 V  
 Replacing: SM52740, 5274040M030SM, 5274040-M030SM  
 Servicing: Ford  
 B+ 1/4« UNC, Total length 241.00,  
 Gear type DD, Mounting holes 2 (0)  
 B: 45.00 mm



**113476** Starter 12 V  
 Replacing: SM60209, 6088420M030SM, 6020940-M020SM  
 Servicing: Onan  
 B+ M8, Total length 176.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 70.00 B: 25.50 mm



**113524**<sup>#</sup> Starter 12 V  
 Replacing: SM02033, 0203740-M030SM, 0203323M030SM, 0203323M020SM, 0203323-M030SM, 0203323-M020SM  
 Servicing: Evinrude, Johnson  
 B+ M5, Total length 184.95,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (0)



**113525**<sup>#</sup> Starter 12 V  
 Replacing: 5659240M020SM, 5659240  
 Servicing: Evinrude, Johnson, OMC  
 B+ M5, Total length 184.95,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (0)



**113590**<sup>#</sup> Starter 12 V  
 Replacing: SM57116, 5711640-M030SM  
 Servicing: Evinrude, Johnson  
 B+ M6, Drive type Bronze,  
 Mounting holes 2 (0), No./ teeth 10



**113591** Starter 12 V  
 Replacing: SM67432, 6743240-M030SM  
 Servicing: Mariner, Mercury  
 B+ 1/4« UNC, Total length 231.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (0)  
 B: 34.00 mm



**113592** Starter 12 V  
 Replacing: SM68737, 6873740-M030SM  
 Servicing: Mariner, Mercury  
 B+ 1/4« UNC, Total length 217.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (0)  
 B: 35.00 mm



**113593** Starter 12 V  
 Replacing: 2-2432-UT  
 Servicing: Kawasaki  
 B+ 1/4« UNC, Total length 209.00,  
 Gear type DD, Mounting holes 2 (0)



**113594** Starter 12 V, 0.6 kW  
 Replacing: SM56804, 5680640M030SM, 5680640  
 Servicing: Honda  
 B+ 1/4« UNC, Total length 188.00,  
 Drive type Bronze, Gear type DD,  
 Mounting holes 2 (0)  
 B: 9.00 mm



**113854** Starter 12 V  
 Replacing: 2009805, 1053720M030SM  
 Servicing: New Holland  
 B+ 1/4« UNC, Total length 186.00,  
 Drive type Bronze, Gear type PMDD,  
 Mounting holes 0 (0)  
 A: 58.00 B: 23.00 mm



**110149** Starter 12 V, 0.9 kW  
 Replacing: M38382, 1EM0088  
 Servicing: Mazda, Mercury  
 B+ M8, Total length 198.00,  
 Gear type DD, Mounting holes 3 (2)  
 A: 74.00 B: 15.00 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: D13E101TE, D13E101  
 Servicing: Volvo  
 B+ M12, Total length 407.00,  
 Gear type DD, Mounting holes 3 (0),  
 Waterproof  
 A: 89.00 B: 47.50 mm



**110216** Starter 12 V, 1.4 kW  
 Replacing: A16R261T  
 Servicing: Buick, Cadillac, Chevrolet, GMC,  
 Mercedes, Oldsmobile, OMC, Pontiac  
 B+ M8, Total length 236.00,  
 Gear type DD, Mounting holes 2 (0)  
 Replacing: 10MT.  
 A: 68.00 B: 0.00 mm



**110245** Starter 12 V, 1.0 kW  
 Replacing: TM000A07101, MG120559,  
 MG117559, M40237  
 Servicing: Kubota, Skoda  
 B+ M8, Total length 196.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.50 B: 26.00 mm



**110315** Starter 12 V, 0.9 kW  
 Replacing: MC109025, MC109018, M39646,  
 M37454, M36370, 1EM0081  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi,  
 Plymouth, Proton  
 B+ M8, Total length 188.93,  
 Gear type DD, Mounting holes 2 (2)  
 A: 76.00 B: 18.40 mm



**110336** Starter 12 V, 0.75 kW  
 Replacing: D9E167, D9E107  
 Servicing: Ford, Mercury, Triumph  
 B+ M8, 15a M5, Total length 224.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110338** Starter 12 V, 0.8 kW  
 Replacing: D9E127  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.90 B: 12.00 mm



**110341** Starter 12 V, 0.8 kW  
 Replacing: D9E124  
 Servicing: Bedford, Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 260.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 77.85 B: 15.00 mm



**110354** Starter 12 V, 3.1 kW  
 Replacing: D9R91  
 Servicing: Land Rover  
 B+ M8, Total length 273.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110363** Starter 12 V, 0.7 kW  
 Replacing: D8E158  
 Servicing: BMW, Porsche, VW  
 B+ M8, Total length 214.00,  
 Gear type DD, Mounting holes 2 (0)  
 Bushing D.E. (clutch house): Cargo 140008.  
 A: 76.00 B: 33.00 mm



**110364** Starter 12 V, 0.65 kW  
 Replacing: D9E128  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 68.00 B: 14.00 mm



**110365** Starter 12 V, 0.8 kW  
 Replacing: D6RA30  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Replacing: D9E34, D9E22, D9E20, D9E12, D8E81, D8E75, D8E66, D8E64, D8E60, D8E41, D8E21, D8E152, D8E121, 94170X

Servicing: Dacia, DAF, Renault, Volvo

 B+ M8, Total length 200.00,  
 Gear type DD, Mounting holes 3 (0)

A: 66.00 B: 10.50 mm


**110368** Starter 12 V, 2.3 kW

Replacing: D9R141

Servicing: Audi, Mercedes-Benz, Seat, Volvo

 B+ M10, Total length 289.00,  
 Gear type DD, Mounting holes 2 (2)

A: 82.50 B: 21.00 mm


**110389** Starter 12 V, 2.2 kW

Replacing: TM000A06901, TM000A06701, MG122404, M32909, 1EM0049

Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki

 B+ M8, Total length 232.00,  
 Gear type GR, Mounting holes 3 (2)

A: 88.00 B: 6.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: D6RA13

Servicing: Chevrolet, GEO, Suzuki

 B+ M8, Total length 189.00,  
 Gear type DD, Mounting holes 2 (0)

A: 65.85 B: 4.35 mm


**110439** Starter 12 V, 2.0 kW

Replacing: D11E84, D11E155, D11E141

Servicing: Buhrer, Compair, Eicher, Massey Ferguson

 B+ M8, Total length 309.50,  
 Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 25.00 mm


**110479** Starter 12 V, 0.9 kW

Replacing: MC107023, MC107012, M36873, 1EM0064

Servicing: Hyundai, Mitsubishi

 B+ M8, Total length 189.00,  
 Gear type DD, Mounting holes 2 (2)

A: 77.00 B: 17.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: 455669

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Total length 341.00,  
 Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.50 mm


**110565** Starter 12 V, 2.8 kW

Replacing: D11E15H, D11E154, D11E137

Servicing: Eicher, Massey Ferguson

 B+ M8, Total length 313.00,  
 Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


**110576** Starter 24 V, 3.2 kW

Replacing: TM000A06001, MG232415, M04501, M000A026

Servicing: Mitsubishi

 B+ M8, Total length 243.00,  
 Gear type GR, Mounting holes 2 (0)

A: 60.00 B: 19.40 mm


**110578** Starter 12 V, 2.0 kW

Replacing: TM000A06601, MG120416, M36203, 2EM0659

Servicing: Ford, Mazda

 B+ M8, Total length 241.00,  
 Gear type GR, Mounting holes 3 (1)

A: 89.95 B: 41.00 mm


**110584** Starter 12 V, 1.2 kW

Replacing: TS8E2, D7E5, D7E25, D7E23, D7E2, D7E16, D6RA572, D6RA571, D6RA57, D6RA5, D6RA37, D6RA20, D6RA100

Servicing: Citroen, Peugeot

 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 3 (1)

A: 66.00 B: -7.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: D9R237, D9E776, D9E774, D9E773, D9E772, D9E771, D9E77, D9E761, D9E76, D9E72, D9E52, D9E39, D9E276

Servicing: Renault, Volvo

 B+ M8, Total length 214.15,  
 Gear type DD, Mounting holes 4 (4)

A: 66.00 B: -2.00 mm




**110587** Starter 12 V, 1.2 kW

Replacing: D9EP119, D9E49, D9E48, D6RA23, 99680X, 310213V

Servicing: Citroen, Peugeot

 B+ M8, Total length 208.20,  
 Gear type DD/GR, Mounting holes 3 (3)  
 A: 66.00 B: -4.00 mm

**110774#** Starter 12 V, 0.9 kW

Replacing: D9E87, D9E18, D8E134, 95675

Servicing: Talbot

 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 83.00 B: 11.50 mm

**110790#** Starter 12 V, 1.0 kW

Replacing: D9E95, D9E7, D9E45, D9E11

Servicing: Peugeot, Talbot

 B+ M8, Total length 212.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 71.75 B: 43.00 mm

**110793** Starter 12 V, 0.9 kW

Replacing: D9E9, D9E27, D8E96, D8E76, D8E124, D8E122, D8E104

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Total length 221.00,  
 Gear type DD, Mounting holes 2 (2)  
 A: 66.00 B: 22.00 mm

**110807** Starter 12 V, 0.85 kW

Replacing: MC109011, MC108030, MC108027, M36505, M04686, M000A0171, 1EM0087

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Gear type DD, Mounting holes 2 (0)  
 A: 70.00 B: 20.50 mm

**110808** Starter 12 V, 0.85 kW

Replacing: TM000A05501, TM000A03901, TM000A0241, MC109046, MC109039, MC109036, MC109028, MC109021, MC108029

Servicing: Ford, Kia, Mazda

 B+ M8, Total length 197.00,  
 Gear type DD, Mounting holes 3 (2)  
 A: 74.00 B: 14.50 mm

**110809** Starter 12 V, 2.0 kW

Replacing: TM000A06101, MG120906, MG120413, M000A025

Servicing: Dodge, Hyundai, Mitsubishi, Proton

 B+ M8, Total length 241.45,  
 Gear type GR, Mounting holes 2 (2)  
 A: 76.90 B: 0.00 mm

**110810** Starter 12 V, 1.4 kW

Replacing: TM000A05101, TM000A03801, N43169, MP112045, MP112038, M42373

Servicing: Ford, Kia, Mazda

 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 73.50 B: 16.00 mm

**110811** Starter 12 V, 1.2 kW

Replacing: TM000A04001, MP112040, MG112014, M43007, M43005, 1EM0057

Servicing: Dodge, Eagle, Hyundai, Kia, Mazda, Mitsubishi, Plymouth

 B+ M8, Total length 206.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 77.00 B: 17.25 mm

**110818** Starter 12 V, 2.1 kW

Replacing: D11E59, D11E35

Servicing: Case, Fiat-Allis, Massey Ferguson

 B+ M8, 15a 6.30, Total length 309.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 92.00 B: 24.60 mm

**110824** Starter 12 V, 1.1 kW

Replacing: D10E83, D10E81, D10E75

Servicing: Audi, Porsche, VW

 B+ M8, 15a M5, Total length 255.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 82.00 B: 20.60 mm

**110835** Starter 12 V, 1.1 kW

Replacing: D9E81, D9E300, D9E200, D9E100, D8E132, D8E115, D10E59

Servicing: DeLorean, Renault

 B+ M8, Total length 197.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 66.00 B: 3.00 mm



**110836<sup>#</sup>** Starter 12 V, 1.6 kW

Replacing: D7R7

Servicing: Fiat, Lancia, Seat  
B+ M8, Total length 266.00,  
Gear type DD, Mounting holes 3 (3)  
A: 82.40 B: 22.00 mm



**110837<sup>#</sup>** Starter 12 V, 1.05 kW

Replacing: D9E83, D9E44, D9E43, D9E132, D9E131

Servicing: Citroen, Peugeot, Rover, Talbot  
B+ M8, Total length 222.00,  
Gear type DD, Mounting holes 3 (0)  
A: 74.50 B: 5.70 mm



**110856** Starter 12 V, 0.6 kW

Replacing: D9E92, D8E86, D8E74, D8E70, D8E54, D8E131, D8E130, D8E111, D6RA42

Servicing: Renault  
B+ M8, Total length 208.50,  
Gear type DD, Mounting holes 2 (0)  
A: 66.00 B: 21.00 mm



**110860<sup>#</sup>** Starter 12 V, 0.9 kW

Replacing: D9E861, D9E86, D8E140, 532004C

Servicing: Citroen, Peugeot, Renault  
B+ M8, Total length 253.00,  
Gear type DD, Mounting holes 3 (0)  
A: 80.00 B: -6.00 mm



**110865** Starter 12 V, 0.95 kW

Replacing: D9E136

Servicing: Audi, VW  
B+ M8, 15a 6.30, Total length 228.75,  
Gear type DD, Mounting holes 3 (3)  
Bushing D.E. (clutch house): Cargo 140500.  
A: 82.50 B: 15.00 mm



**110866** Starter 12 V, 0.9 kW

Replacing: D9E79, D9E78, D9E68, D9E55, D9E46, D9E278

Servicing: Renault  
B+ M8, Total length 197.65,  
Gear type DD, Mounting holes 3 (2)  
A: 66.00 B: 10.50 mm



**110958** Starter 12 V, 0.9 kW

Replacing: TM000A0191, MC109032, M39378, M39376, M000A0191, M000A01901

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth  
B+ M8, Total length 188.50,  
Gear type DD, Mounting holes 2 (2)  
A: 77.00 B: 10.80 mm



**111015** Starter 12 V, 1.1 kW

Replacing: D6RA52, D6RA22

Servicing: Lombardini  
B+ M8, Total length 216.25,  
Gear type GR, Mounting holes 2 (0)  
A: 76.00 B: 15.00 mm



**111025** Starter 12 V, 0.8 kW

Replacing: D6RA39

Servicing: Autobianchi, Fiat, Lancia  
B+ M8, Total length 199.25,  
Gear type DD, Mounting holes 3 (2)  
A: 64.00 B: 11.00 mm



**111029** Starter 12 V, 1.4 kW

Replacing: D7R45, D7R3, D7R151, D7R15, D7R11, D7R1

Servicing: Citroen, Nissan, Peugeot, Rover  
B+ M8, Total length 207.00,  
Gear type GR, Mounting holes 3 (1)  
A: 62.00 B: -3.00 mm



**111047** Starter 12 V, 3.1 kW

Replacing: D9R144, D9R116, D11E167T, D11E167

Servicing: Volvo, Volvo Penta  
B+ M8, 15a 6.30, Total length 302.75,  
Gear type GR, Mounting holes 3 (0),  
Insulated return  
A: 88.85 B: 47.70 mm



**111052** Starter 12 V, 1.5 kW

Replacing: D6RA28

Servicing: BMW, Ford  
B+ M8, 15a 4.70, Total length 261.00,  
Gear type DD, Mounting holes 2 (0)  
A: 76.10 B: 28.00 mm




**111053** Starter 12 V, 0.8 kW

Replacing: D9E108

Servicing: Ford

B+ M8, 15a M5, Total length 217.00,

Gear type DD, Mounting holes 3 (3)

A: 76.00 B: 13.00 mm


**111055** Starter 12 V, 0.7 kW

Replacing: D9E129

Servicing: Opel, Pontiac, Vauxhall

B+ M8, 15a 6.30, Total length 229.50,

Gear type DD, Mounting holes 2 (0)

A: 67.95 B: 18.25 mm


**111056** Starter 12 V, 0.8 kW

Replacing: D9E125

Servicing: Opel, Vauxhall

B+ M8, Total length 243.50,

Gear type DD, Mounting holes 2 (1)

A: 82.40 B: 17.00 mm


**111058** Starter 12 V, 0.8 kW

Replacing: D9E114

Servicing: Audi, Seat, VW

B+ M8, 15a 6.30, Total length 215.50,

Gear type DD, Mounting holes 3 (2)

Bushing d.e. (clutch house): Cargo 140500.

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

Replacing: D9E140

Servicing: Seat, VW

B+ M8, 15a 6.30, Total length 230.00,

Gear type DD/GR, Mounting holes 3 (0)

Bushing D.E. (clutch house): Cargo 140008.

A: 76.00 B: 33.00 mm


**111063** Starter 12 V, 1.2 kW

Replacing: D9E852, D9E851, D9E85, D9E702,

D9E701, D9E70

Servicing: Citroen, Peugeot, Renault

B+ M8, Total length 208.00,

Gear type DD, Mounting holes 3 (3)

A: 66.00 B: -4.00 mm


**111064** Starter 12 V, 1.05 kW

Replacing: D9E74, D9E66, D9E56, 534023A

Servicing: Renault, Volvo

B+ M8, Total length 207.00,

Gear type DD, Mounting holes 3 (3)

A: 65.90 B: 11.00 mm


**111065** Starter 12 V, 2.2 kW

Replacing: D9RP160, D9R119

Servicing: Daewoo, Mercedes-Benz,

Ssangyong

B+ M8, Total length 276.00,

Gear type GR, Mounting holes 2 (2)

A: 82.30 B: 26.50 mm


**111066** Starter 12 V, 1.05 kW

Replacing: D9E62, D9E61, D9E54, D9E36,

94612K, 310023W

Servicing: Citroen, Fiat, Peugeot, Talbot

B+ M8, Total length 197.00,

Gear type DD, Mounting holes 2 (2)

A: 65.90 B: 22.00 mm


**111068** Starter 12 V, 0.85 kW

Replacing: D9E75, D9E64, D9E53

Servicing: Citroen, Peugeot, Talbot

B+ M8, Total length 212.25,

Gear type DD, Mounting holes 3 (3)

A: 65.85 B: 15.65 mm


**111070** Starter 12 V, 1.7 kW

Replacing: D9R84, D9R121, D7R8, D7R32,

D7R27, D7R20, D7R127, D7R12, 185994,

185625, 184643, 182604

Servicing: Citroen, Fiat, Hyundai, Lancia,

Peugeot, Suzuki, Talbot

B+ M8, Total length 280.00,

Gear type GR, Mounting holes 3 (3)

A: 66.00 B: -6.50 mm


**111100** Starter 12 V, 0.7 kW

Replacing: D9E93, D8E99, D8E148, D8E116,

D6RA431, D6RA43

Servicing: Citroen

B+ M8, Total length 207.75,

Gear type DD, Mounting holes 2 (0)

A: 65.60 B: 19.80 mm





**111104** Starter 12 V, 0.9 kW

Replacing: D8E126, D8E109  
 Servicing: Alfa Romeo  
 B+ M8, Total length 229.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 61.90 B: 10.00 mm



**111106** Starter 12 V, 1.0 kW

Replacing: D6RA47  
 Servicing: Fiat, Lancia, Seat  
 B+ M8, Total length 232.00,  
 Gear type DD, Mounting holes 3 (3)  
 A: 82.00 B: 22.40 mm



**111109** Starter 12 V, 2.0 kW

Replacing: D11E191, D11E184, D11E179  
 Servicing: Peugeot, Talbot  
 B+ M8, Total length 293.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.15 B: 21.25 mm



**111114** Starter 12 V, 3.1 kW

Replacing: D9R73  
 Servicing: Jeep, Renault  
 B+ M8, Total length 257.75,  
 Gear type GR, Mounting holes 3 (3)  
 A: 75.00 B: -9.50 mm



**111115** Starter 12 V, 2.2 kW

Replacing: D9R90  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 281.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 97.75 B: 37.50 mm



**111123** Starter 12 V, 0.9 kW

Replacing: D7EP12, D6RA93, D6RA62,  
 D6RA32, D6RA293, D6RA249, D6RA163,  
 D6RA162, D6RA132  
 Servicing: Chevrolet, Daewoo, Opel,  
 Vauxhall  
 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 67.95 B: 18.55 mm



**111124** Starter 12 V, 2.2 kW

Replacing: D10E89, D10E882, D10E881,  
 D10E88  
 Servicing: Citroen, Eagle, Renault  
 B+ M8, Total length 256.50,  
 Gear type DD, Mounting holes 3 (3)  
 A: 65.40 B: 4.50 mm



**111125** Starter 12 V, 2.2 kW

Replacing: D9R89  
 Servicing: DAF, LDV, Peugeot, Talbot  
 B+ M8, Total length 257.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.90 B: 21.00 mm



**111127** Starter 12 V, 1.4 kW

Replacing: D6RA48  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, Total length 183.00,  
 Gear type GR, Mounting holes 2 (0)  
 Replacing: PG100.  
 A: 68.00 B: 18.00 mm



**111129** Starter 12 V, 1.4 kW

Replacing: D6RA721, D6RA72, D6RA12  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 212.65,  
 Gear type GR, Mounting holes 3 (2)  
 A: 62.00 B: 3.00 mm



**111130** Starter 12 V, 1.1 kW

Replacing: D6RA8, D6RA661, D6RA66,  
 D6RA64, D6RA38, D6RA18, D6RA161, D6RA16,  
 D6RA109, 186887, 186269, 184470  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Total length 198.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (3)  
 A: 65.90 B: -4.00 mm



**111131** Starter 12 V, 0.8 kW

Replacing: D8E108  
 Servicing: Austin, Ford, Mazda, Rover  
 B+ M8, Total length 208.75,  
 Gear type DD, Mounting holes 3 (3)  
 A: 76.15 B: 13.45 mm


**111211<sup>#</sup>** Starter 12 V, 2.0 kW

Replacing: D9E51

Servicing: BUKH

B+ M8, Total length 265.00,

Gear type DD, Mounting holes 2 (0)

A: 82.00 B: 21.00 mm


**111231** Starter 24 V, 6.6 kW

Replacing: D13HP703, D13E123TE, D13E123T, D13E1231TE, D13E123, D13E121TE, D13E119TE, D13E118TE, D13E118

Servicing: Renault V.I.

B+ M10, B- M10, Total length 405.00,

Gear type DD, Mounting holes 3 (0),

Insulated return

A: 89.00 B: 40.25 mm


**111241** Starter 12 V, 1.2 kW

Replacing: TM000A19301, TM000A04101, MP112041, MG112022, M43006

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M8, Total length 207.80,

Gear type GR, Mounting holes 2 (2)

A: 73.00 B: 17.00 mm


**111242<sup>#</sup>** Starter 12 V, 1.2 kW

Replacing: TM000A04301, MP112043, M43663

Servicing: Dodge, Hyundai, Mitsubishi

B+ M8, Total length 207.00,

Gear type GR, Mounting holes 2 (2)

A: 73.00 B: 10.25 mm


**111246<sup>#</sup>** Starter 12 V, 1.7 kW

Replacing: TM000A04801, MP117044, M43168

Servicing: Mazda

B+ M8, Total length 254.00,

Gear type GR, Mounting holes 3 (3)

A: 67.00 B: 17.00 mm


**111251** Starter 12 V, 1.1 kW

Replacing: D7E20, D6RA73, D6RA61, D6RA6, D6RA56, D6RA46, D6RA33, D6RA133, 187153, 185547

Servicing: Dacia, Renault, Volvo

B+ M8, Total length 208.20,

Gear type GR, Mounting holes 4 (4)

A: 66.00 B: -2.00 mm


**111305** Starter 12 V, 1.2 kW

Replacing: TM000A04201, MP112042, MP112033

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 207.00,

Gear type GR, Mounting holes 2 (2)

A: 77.00 B: 10.20 mm


**111306** Starter 12 V, 1.2 kW

Replacing: TM000A07901, M52100, DRRA79, D6RA79, 1250302, 1250300

Servicing: Hyundai, Kia

B+ M8, Total length 207.50,

Gear type GR, Mounting holes 2 (2)

A: 76.90 B: 9.35 mm


**111307** Starter 12 V, 1.2 kW

Replacing: TM000A08401, MP112056, M53486, M53436, D6RA78, 1250301, 1250299

Servicing: Hyundai, Kia

B+ M8, Total length 207.15,

Gear type GR, Mounting holes 2 (2)

A: 76.95 B: 16.65 mm


**111332** Starter 12 V, 2.7 kW

Replacing: D11E158, D11E131, D11E120

Servicing: Fendt, Renault

B+ M8, Total length 293.55,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 21.00 mm


**111333** Starter 12 V, 1.1 kW

Replacing: D6RA53, D6RA45

Servicing: Renault

B+ M8, Total length 208.55,

Gear type GR, Mounting holes 3 (3)

B: 3.00 mm


**111334** Starter 12 V, 1.2 kW

Replacing: D6RA7, D6RA15

Servicing: BMW

B+ M8, Total length 213.50,

Gear type GR, Mounting holes 2 (2)

A: 62.00 B: 27.80 mm


**111335** Starter 12 V, 1.1 kW

Replacing: D6RA75, D6RA55

Servicing: BMW

 B+ M8, Total length 218.50,  
 Gear type GR, Mounting holes 2 (0)  
 B: 15.25 mm

**111347** Starter 12 V, 1.2 kW

Replacing: D6RA68, D6RA168

 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong, VW

 B+ M8, Total length 219.80,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.35 B: 25.00 mm

**111404** Starter 12 V, 1.1 kW

Replacing: D6RA40, D6RA11

Servicing: Volvo Penta

 B+ M8, Total length 224.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.45 B: 35.00 mm

**111422** Starter 12 V, 0.8 kW

Replacing: D6RA59

Servicing: Fiat, Lancia

 B+ M8, Total length 206.00,  
 Gear type DD, Mounting holes 3 (1)  
 A: 64.00 B: 11.50 mm

**111442** Starter 12 V, 1.4 kW

Replacing: D7RSA7, D7RSA2, D7RS7, D7RS1

Servicing: Acura, Honda, Rover

 B+ M8, Total length 211.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 75.00 B: 33.50 mm

**111461** Starter 12 V, 2.2 kW

Replacing: MG122433

Servicing: Dodge, Hyundai, Mitsubishi

 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 77.00 B: 3.50 mm

**111476** Starter 12 V, 2.0 kW

 Replacing: TM000A14901, MG120445,  
 HK988300

Servicing: Hyundai, Kia, Mitsubishi

 B+ M8, Total length 240.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)  
 A: 77.00 B: 10.00 mm

**111508** Starter 12 V, 1.2 kW

Replacing: D6RA76

Servicing: Mitsubishi

 B+ M8, Total length 207.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 71.00 B: 4.00 mm

**111565** Starter 12 V, 2.2 kW

 Replacing: TM000A18601, MG122202,  
 HQ808670

Servicing: Hyundai, Kia, Mitsubishi

 B+ M8, Total length 239.25,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (2)  
 A: 77.30 B: 10.00 mm

**111619** Starter 12 V, 1.7 kW

Replacing: D7R42

Servicing: Fiat, Seat

 B+ M8, Total length 263.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 82.50 B: 24.00 mm

**111641** Starter 12 V, 0.9 kW

Replacing: TS8E1, D7E1

Servicing: Nissan, Renault

 B+ M8, Total length 195.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 64.00 B: 0.50 mm

**111683** Starter 12 V, 2.0 kW

Replacing: TM000A0301

 Servicing: Chevrolet, GMC, Iseki, Isuzu,  
 Opel, TCM

 B+ M8, Total length 232.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 19.50 mm





**111694** Starter 12 V, 1.8 kW  
 Replacing: D7R33  
 Servicing: Audi, Ferrari, Seat, Skoda, VW  
 B+ M8, Total length 270.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.00 B: 16.00 mm



**111786** Starter 12 V, 1.7 kW  
 Replacing: TM000A24301  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, 15a M5, Total length 246.00,  
 Gear type GR, Mounting holes 2 (0)  
 B: 18.50 mm



**111848** Starter 12 V, 1.0 kW  
 Replacing: D6RA92  
 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50,  
 Gear type GR, Mounting holes 2 (1)  
 A: 82.50 B: 19.00 mm



**111849** Starter 12 V, 0.8 kW  
 Replacing: TM000A35301, TM000A23501  
 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 75.00 B: 6.50 mm



**111851** Starter 12 V, 2.0 kW  
 Replacing: TM000A15701, D7R46, D7R43,  
 D7R28, D7R19  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 25.50 mm



**111900** Starter 12 V, 1.8 kW  
 Replacing: D7RS301, D7RS30, D7RS130  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 53.00 mm



**111905#** Starter 12 V, 2.2 kW  
 Replacing: D7R23  
 Servicing: Renault  
 B+ M8, Total length 237.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 71.50 B: -7.00 mm



**111906** Starter 12 V, 1.1 kW  
 Replacing: TS12E10  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 26.35 mm



**111909** Starter 12 V, 1.1 kW  
 Replacing: D7E55, D7E51, 190396  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.25 B: 32.00 mm



**111931** Starter 12 V, 1.1 kW  
 Replacing: D7E8, D7E4, D7E38, D7E18,  
 D6RAP229, D6RA83, D6G5  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 212.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 70.00 B: 15.00 mm



**111994** Starter 12 V, 0.7 kW  
 Replacing: D7E7  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 62.00 B: -4.00 mm



**111996** Starter 12 V, 2.2 kW  
 Replacing: D7R61  
 Servicing: Iveco  
 B+ M8, Total length 274.00,  
 Gear type GR, Mounting holes 3 (1)  
 A: 110.00 B: 26.00 mm



9,10,11


**112053** Starter 12 V, 2.2 kW

Replacing: D7R57

Servicing: Citroen, Peugeot

B+ M8, Total length 272.50,

Gear type GR, Mounting holes 3 (3)

A: 74.00 B: -6.00 mm



9


**112214** Starter 12 V, 1.6 kW

Replacing: D7RSA5, D7RSA4, D7RSA11, D7RSA10

Servicing: Honda, Rover

B+ M8, Total length 210.00,

Gear type GR, Mounting holes 2 (0)

A: 75.00 B: 40.00 mm



9


**112217** Starter 12 V, 1.0 kW

Replacing: D6RA80, D6RA67, D6RA167

Servicing: Honda, Rover

B+ M8, Gear type GR,

Mounting holes 2 (0)

A: 75.00 B: 33.50 mm



8,9


**112218** Starter 12 V, 1.0 kW

Replacing: TS10E5, TS10E4, D7E6, D7E26, D7E22, D7E19

Servicing: Renault

B+ M8, Total length 168.25,

Gear type GR, Mounting holes 3 (3)

A: 60.45 B: -1.00 mm



11


**112224** Starter 24 V, 6.7 kW

Replacing: D13HP601

Servicing: Scania

B+ M12, Total length 428.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.00 mm



11


**112227** Starter 24 V, 8.0 kW

Replacing: D13HP709, D13HP613

Servicing: Renault V.I.

B+ M10, 15a M5, Total length 405.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.00 mm



13


**112251** Starter 12 V, 2.3 kW

Replacing: D7R70

Servicing: Ford, LDV

B+ M8, Total length 258.00,

Gear type GR, Mounting holes 3 (0)

A: 91.90 B: 19.00 mm



9


**112286** Starter 12 V, 1.7 kW

Replacing: D7RS29, D7RS129

Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW

B+ M8, Total length 236.00,

Gear type GR, Mounting holes 3 (0)

A: 76.10 B: 32.00 mm



11


**112289** Starter 12 V, 0.8 kW

Replacing: D9E243, D9E123

Servicing: Fiat, Innocenti, Lancia

B+ M8, 15a M5, Total length 224.00,

Gear type DD, Mounting holes 3 (3)

A: 64.20 B: 13.00 mm



10


**112290** Starter 12 V, 2.2 kW

Replacing: VS456, D7R64, 626614, 578147

Servicing: Ford, Mazda

B+ M8, Total length 257.00,

Gear type GR, Mounting holes 3 (3)

A: 76.00 B: 9.00 mm



10,11


**112295** Starter 12 V, 1.7 kW

Replacing: D9RP256, D9R112, D7R5, D7R35, D7R25, D7R18, D7R13, D6RA112, D10E922, D10E921, D10E92, D10E85

Servicing: Mitsubishi, Renault, Volvo

B+ M8, Total length 265.00,

Gear type GR, Mounting holes 3 (3)

A: 66.00 B: -0.50 mm



9


**112322** Starter 12 V, 0.8 kW

Replacing: TM000A37001, TM000A31001, M56290, 1195248

Servicing: Hyundai, Kia

B+ M8, Total length 187.50,

Gear type DD, Mounting holes 2 (2)

A: 75.00 B: 14.00 mm



**112340** Starter 12 V, 1.4 kW  
 Replacing: VS358  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 4.00 mm



**112342** Starter 24 V, 5.5 kW  
 Replacing: MG255301, M34466, M000A0271  
 Servicing: Hyundai, Mitsubishi  
 B+ M10, Total length 368.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 100.00 B: 68.00 mm



**112374** Starter 12 V, 2.5 kW  
 Replacing: MG120558  
 Servicing: Yanmar  
 B+ M8, Total length 240.50,  
 Gear type GR, Mounting holes 2 (0)  
 A: 95.00 B: 21.40 mm



**112429** Starter 12 V, 2.0 kW  
 Replacing: D7RS50, D7RS150  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 259.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 62.00 mm



**112440** Starter 12 V, 2.2 kW  
 Replacing: D9R149, D7RP123, D7R281  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 26.00 mm



**112474** Starter 12 V, 1.8 kW  
 Replacing: D7R49, D7R48, D7R47, D7R44  
 Servicing: Nissan, Opel, Renault, Vauxhall, Volvo  
 B+ M8, Total length 238.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (2)  
 B: -2.00 mm



**112475** Starter 12 V, 2.1 kW  
 Replacing: D7RP204, D7R56, D7R53, D7R34, D7G11  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 238.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 3 (2)  
 B: -6.00 mm



**112476** Starter 12 V, 1.0 kW  
 Replacing: D6RA811, D6RA81, D6RA181  
 Servicing: Honda  
 B+ M8, Total length 229.00,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 75.00 B: 39.00 mm



**112541** Starter 12 V, 2.2 kW  
 Replacing: D11E272, D11E172  
 Servicing: Fiat, Jeep, Renault  
 B+ M8, Total length 273.00,  
 Gear type DD/GR, Mounting holes 2 (1)  
 A: 77.00 B: -4.00 mm



**112651** Starter 24 V, 4.8 kW  
 Replacing: D11E149, 94955E  
 Servicing: Bosch, KHD  
 B+ M10, Total length 351.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**113020** Starter 12 V, 1.2 kW  
 Replacing: TM000A14401, M62957  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 216.50,  
 Clutch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 A: 70.00 B: 10.00 mm



**113024** Starter 12 V, 1.6 kW  
 Replacing: D7RSA9, D7RSA3  
 Servicing: Honda  
 B+ M8, Total length 211.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 75.00 B: 33.00 mm




**113040** Starter 12 V, 0.9 kW

Replacing: 458522  
 Servicing: Mitsubishi  
 B+ M8, Total length 190.50,  
 Clutch type Wet, Gear type DD,  
 Mounting holes 2 (2)  
 A: 76.90 B: 10.50 mm


**113122#** Starter 12 V, 1.1 kW

Replacing: D6RA85, D6RA84, D6RA65,  
 D6RA185, D6RA165  
 Servicing: Saturn  
 B+ M8, 15a M8, Total length 211.10,  
 Gear type GR, Mounting holes 2 (0)  
 A: 66.35 B: 18.15 mm


**113129** Starter 24 V, 4.5 kW

Replacing: TM000A08701, MG250302,  
 M24798, M24698, M000A0291  
 Servicing: Mitsubishi  
 B+ M10, Total length 290.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 110.00 B: 64.50 mm


**113134** Starter 12 V, 2.2 kW

Replacing: D7R41, 573387  
 Servicing: Renault, Renault V.I., Vauxhall  
 B+ M8, Total length 272.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 109.70 B: 27.00 mm


**113141** Starter 12 V, 0.8 kW

Replacing: TM000A21901  
 Servicing: Mitsubishi, New Holland, Onan  
 B+ M8, Total length 210.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 73.90 B: 29.50 mm


**113254** Starter 12 V, 1.1 kW

Replacing: TS14E110, D6RA110  
 Servicing: Citroen, Fiat, Peugeot, Toyota  
 B+ M8, Total length 206.00,  
 Gear type GR, Mounting holes 4 (2)  
 A: 62.00 B: 14.00 mm


**113256#** Starter 12 V, 1.8 kW

Replacing: D7R40  
 Servicing: Opel, Renault, Vauxhall  
 B+ M8, Total length 236.50,  
 Gear type GR, Mounting holes 3 (2)  
 A: 71.20 B: 0.00 mm


**113261#** Starter 24 V, 6.6 kW

Replacing: D13HP607  
 Servicing: Renault V.I.  
 B+ M10, 15a M10, Total length 410.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 101.80 B: 23.00 mm


**113262** Starter 24 V, 8.8 kW

Replacing: D13E120TE  
 Servicing: Renault V.I.  
 B+ M10, 15a M10, Total length 448.50,  
 Gear type DD, Mounting holes 3 (0)  
 A: 101.80 B: 23.60 mm


**113267** Starter 12 V, 0.7 kW

Replacing: TS8E4, D7E41, D7E31  
 Servicing: Nissan  
 B+ M8, Total length 185.50,  
 Gear type DD, Mounting holes 2 (1)  
 A: 69.90 B: 12.00 mm


**113269** Starter 12 V, 3.0 kW

Replacing: D11E146, D11E118  
 Servicing: Atlas Copco, Barber Greene,  
 Benford, Case, Daewoo, Matbro, Perkins,  
 Thwaites  
 B+ M10, Total length 234.50,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.80 B: 31.50 mm


**113307** Starter 12 V, 1.2 kW

Replacing: D9E50, D6RA54, D6RA50, D6RA34,  
 D6RA29, D6RA19, 186625  
 Servicing: BUKH, Lombardini  
 B+ M8, Total length 223.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 27.00 mm


**113387** Starter 12 V, 2.0 kW

Replacing: D7RS31, D7RS131

Servicing: Seat, VW

B+ M8, Total length 238.00,

Gear type GR, Mounting holes 3 (0)

A: 76.00 B: 54.00 mm


**113445** Starter 12 V, 2.2 kW

Replacing: TM000A36101, TM000A34101

Servicing: Hyundai, Mitsubishi

B+ M8, Total length 239.00,

Gear type GR, Mounting holes 2 (2)

A: 76.90 B: 9.00 mm


**113456** Starter 24 V, 6.0 kW

Replacing: M000A0301

Servicing: Daewoo

B+ M10, Total length 386.00,

Gear type GR, Mounting holes 3 (0) w/ safety switch.

A: 89.00 B: 48.00 mm


**113465** Starter 12 V, 3.0 kW

Replacing: D11E119T, D11E119, D11E104

Servicing: Renault V.I.

B+ M10, Total length 338.00,

Gear type DD, Mounting holes 3 (0)

A: 88.75 B: 22.50 mm


**113466** Starter 24 V, 4.0 kW

Replacing: D11E99, D11E122T, D11E122, 76517, 076517

Servicing: Renault V.I.

B+ M10, Total length 316.00,

Gear type DD/GR, Mounting holes 3 (0)

A: 88.90 B: 22.00 mm


**113478** Starter 12 V, 2.8 kW

Replacing: D7R14, 187031

Servicing: Atlas Copco, John Deere

B+ M10, 15a M5, Total length 303.50,

Gear type DD, Mounting holes 2 (0), Oil sealed

A: 82.00 B: 35.00 mm


**113481** Starter 12 V, 1.4 kW

Replacing: D6RA104, D6RA101

Servicing: Chrysler, Opel, Renault, Suzuki, Vauxhall

B+ M8, Total length 231.00,

Gear type GR, Mounting holes 4 (4)

A: 65.90 B: -1.00 mm


**113521** Starter 12 V, 1.2 kW

Replacing: TM000A13901, M60082, M60062

Servicing: Hyundai, Kia

B+ M8, Total length 213.00,

Gear type GR, Mounting holes 2 (2)

A: 76.90 B: 18.00 mm


**113605** Starter 12 V, 1.1 kW

Replacing: D6RA63

Servicing: Volvo

B+ M8, Total length 216.00,

Gear type GR, Mounting holes 3 (3)

A: 66.00 B: -1.70 mm


**113638** Starter 12 V, 1.4 kW

Replacing: TM000A13701, M60081

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 194.50,

Gear type GR, Mounting holes 2 (2)

A: 77.00 B: 10.50 mm


**113659** Starter 12 V, 0.9 kW

Replacing: TM000A37201, TM000A27301

Servicing: Hyundai, Kia

B+ M8, Total length 186.00,

Gear type DD, Mounting holes 2 (2)

A: 76.90 B: 18.00 mm


**113676** Starter 24 V, 5.5 kW

Replacing: MF250671

Servicing: Renault V.I.

B+ M10, 15a M5, Total length 350.50,

Gear type GR, Mounting holes 3 (0) w/ safety relay.

A: 89.00 B: 39.00 mm


**113719** Starter 12 V, 1.3 kW

Replacing: D6G321, D6G32, D6G1  
 Servicing: Fiat, Lancia, Opel, Vauxhall  
 B+ M8, Total length 201.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 63.90 B: 24.00 mm


**113727** Starter 12 V, 2.7 kW

Replacing: TM000A28901  
 Servicing: Bobcat  
 B+ M10, 15a M5, Total length 286.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 88.50 B: 46.50 mm


**113745** Starter 12 V, 1.4 kW

Replacing: VS371, 458545  
 Servicing: Jaguar  
 B+ M8, 15a M4, Total length 267.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 89.00 B: 26.70 mm


**113756** Starter 12 V, 0.8 kW

Replacing: D7ED281, D7ED28  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 169.00,  
 Gear type DD, Mounting holes 2 (0)  
 A: 70.00 B: 15.00 mm


**113773** Starter 12 V, 1.1 kW

Replacing: D6GS14  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.15 B: 62.00 mm


**113796** Starter 12 V, 1.7 kW

Replacing: TM000A31201  
 Servicing: Hyundai  
 B+ M8, Total length 223.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.40 B: 24.00 mm


**113797** Starter 12 V, 1.7 kW

Replacing: TM000A33401, 1250295  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 223.40,  
 Gear type DD, Mounting holes 2 (2)  
 A: 76.95 B: 16.85 mm


**113805** Starter 12 V, 1.2 kW

Replacing: TM000A14301, M62956  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 213.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 69.90 B: 18.00 mm


**113841** Starter 12 V, 1.7 kW

Replacing: TS18ER123, TS18E3, D7GS10  
 Servicing: Audi, BMW, Opel, Peugeot,  
 Renault, Seat, Skoda, VW  
 B+ M8, Total length 242.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.10 B: 62.00 mm


**113842** Starter 12 V, 1.7 kW

Replacing: TS18E1, D7GS8, 191335  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 246.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.20 B: 56.00 mm


**113843** Starter 12 V, 1.1 kW

Replacing: D6G33  
 Servicing: Fiat, Lancia, Opel, Suzuki,  
 Vauxhall  
 B+ M8, Total length 199.00,  
 Gear type GR, Mounting holes 2 (1)  
 A: 64.00 B: 24.25 mm


**113905** Starter 12 V, 1.4 kW

Replacing: TS14E11  
 Servicing: Ford, Mazda  
 B+ M8, Total length 20.900,  
 Gear type GR, Mounting holes 3 (1)  
 B: 13.00 mm





**113926** Starter 12 V, 1.9 kW  
 Replacing: D8R29, D8R27  
 Servicing: Citroen, Fiat, Peugeot  
 Gear type GR, Mounting holes 3 (3)



**113929** Starter 12 V, 1.2 kW  
 Replacing: D6RA115, D6RA105  
 Servicing: Renault  
 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 3 (3)



**113932** Starter 12 V, 0.85 kW  
 Replacing: TS10E3, D7E47, D7E27  
 Servicing: Dacia, Nissan, Renault  
 B+ M8x1.25, Total length 168.00,  
 Gear type DD, Mounting holes 3 (3)  
 B: -3.00 mm



**113933** Starter 12 V, 1.5 kW  
 Replacing: TS18E13, D7G3, 190895  
 Servicing: Citroen, Mini, Peugeot, Toyota  
 B+ M8, Total length 220.00,  
 Gear type GR, Mounting holes 4 (2)  
 B: 13.00 mm



**113934** Starter 24 V, 5.5 kW  
 Replacing: S635329A, FS60PR019  
 Servicing: Bova, DAF, Solaris  
 B+ M8, Total length 321.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 110.00 B: 48.00 mm



**113937** Starter 12 V, 2.2 kW  
 Replacing: TM000A23601, 1250128  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 240.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 78.00 B: 16.50 mm



**113962** Starter 12 V, 0.9 kW  
 Replacing: D7E52  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mounting holes 2 (1)  
 A: 64.10 B: 10.00 mm



**113963** Starter 12 V, 1.1 kW  
 Replacing: TS10E1  
 Servicing: Citroen, Peugeot, Toyota  
 B+ M8, Total length 168.40,  
 Gear type DD/GR, Mounting holes 2 (1)  
 A: 74.00 B: 25.00 mm



**113974** Starter 12 V, 1.1 kW  
 Replacing: D6RA21  
 Servicing: Moto Guzzi  
 B+ M8, Total length 210.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 62.00 B: 9.45 mm



**114029** Starter 12 V, 1.8 kW  
 Replacing: TS18E331, TS18E33  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a M6, Total length 216.00,  
 Mounting holes 2 (1)  
 A: 64.00 B: 69.00 mm



**114034** Starter 12 V, 1.0 kW  
 Replacing: TS10E26, D6GS12  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 194.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 52.50 mm



**114035** Starter 12 V, 1.3 kW  
 Replacing: D6RA188, D6RA187, D6RA138,  
 D6RA137  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 208.00,  
 Gear type GR, Mounting holes 2 (2)  
 B: 10.00 mm



**114074** Starter 12 V, 2.2 kW  
 Replacing: TS22E9, TS22E8, TS22E5B, TS22E5  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 215.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.50 B: 13.50 mm



**114095** Starter 12 V, 0.85 kW  
 Replacing: TS8E6, D7E39  
 Servicing: Dacia, Renault  
 B+ M8, Total length 170.00,  
 Gear type DD, Mounting holes 2 (1)  
 A: 62.50 B: -1.00 mm



**114127** Starter 12 V, 1.6 kW  
 Replacing: D7G4  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 220.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 74.00 B: 20.50 mm



**114163** Starter 12 V, 1.1 kW  
 Replacing: D6GS11  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 195.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.00 B: 65.50 mm



**114171** Starter 12 V, 1.7 kW  
 Replacing: D7GS9  
 Servicing: Audi, VW  
 B+ M8, Total length 211.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 82.00 B: 7.50 mm



**114199** Starter 12 V, 0.7 kW  
 Replacing: TS8E5, TS8E3, D7E42, D7E40,  
 D7E32, D7E30  
 Servicing: Nissan  
 B+ M8x1.25, 15a 6.30,  
 Total length 166.00, Gear type DD,  
 Mounting holes 2 (1)  
 A: 70.00 B: 11.00 mm



**114270** Starter 12 V, 2.2 kW  
 Replacing: TM000A34001  
 Servicing: Ssangyong  
 B+ M8, Total length 253.00,  
 Gear type GR, Mounting holes 2 (2)  
 A: 82.50 B: 25.00 mm



**114299** Starter 12 V, 1.7 kW  
 Replacing: TS18ER121  
 Servicing: Audi, Skoda, VW  
 B+ M8, 15a Plug, Total length 232.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 76.20 B: 56.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114443\*** Starter 12 V, 0.9 kW  
 Replacing: 1195239  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 174.50,  
 Gear type GR, Mounting holes 2 (2)  
 A: 77.00 B: 21.00 mm



**114460** Starter 12 V, 1.4 kW  
 Replacing: D7R4, D7R26, D7R24, D7R2  
 Servicing: Citroen, Fiat, Hyundai, Lancia,  
 Mitsubishi, Peugeot  
 B+ M8, Total length 216.00,  
 Gear type GR, Mounting holes 3 (3)  
 B: -4.00 mm


**111374** Starter 12 V, 1.5 kW

Replacing: 20-100-01032, 20-100-01003  
 Servicing: Ford, Jaguar, Mazda, Mercury  
 B+ M8, Total length 219.00,  
 Gear type GR, Mounting holes 2 (0)


**111900** Starter 12 V, 1.8 kW

Replacing: 20-100-01015  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00,  
 Gear type GR, Mounting holes 2 (0)  
 A: 76.00 B: 53.00 mm


**111906** Starter 12 V, 1.1 kW

Replacing: 20-100-01010  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 26.35 mm


**112235** Starter 12 V, 1.4 kW

Replacing: 20-100-01005, 20-100-01001  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00,  
 Gear type GR, Mounting holes 3 (2)  
 A: 76.10 B: 13.00 mm


**112251** Starter 12 V, 2.3 kW

Replacing: 20-100-01020, 20-100-01011  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00,  
 Gear type GR, Mounting holes 3 (0)  
 A: 91.90 B: 19.00 mm


**112290** Starter 12 V, 2.2 kW

Replacing: 20-100-01025, 20-100-01008,  
 20-100-01007  
 Servicing: Ford, Mazda  
 B+ M8, Total length 257.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 9.00 mm


**112340** Starter 12 V, 1.4 kW

Replacing: 20-100-01002  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 4.00 mm


**112821** Starter 12 V, 2.2 kW

Replacing: 20-100-01022  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 250.80, CI  
 utch type Wet, Gear type GR,  
 Mounting holes 2 (0)  
 B: 36.00 mm


**113701** Starter 12 V, 1.1 kW

Replacing: 20-100-01006  
 Servicing: Ford, Mazda  
 B+ M8, Total length 218.50, CI  
 utch type Wet, Gear type DD,  
 Mounting holes 3 (2)  
 Comstar supply 23 tooth. Real supply 21  
 tooth.  
 A: 71.00 B: 14.00 mm


**113794** Starter 12 V, 1.4 kW

Replacing: 20-100-01023  
 Servicing: Ford  
 B+ M8, Total length 251.00,  
 Gear type GR, Mounting holes 2 (0)  
 B: 29.00 mm


**113905** Starter 12 V, 1.4 kW

Replacing: 20-100-01021  
 Servicing: Ford, Mazda  
 B+ M8, Total length 20.900,  
 Gear type GR, Mounting holes 3 (1)  
 B: 13.00 mm


**113906** Starter 12 V, 1.2 kW

Replacing: 20-100-01027  
 Servicing: Ford, Volvo  
 B+ M8, Total length 169.00,  
 Gear type GR, Mounting holes 2 (0)  
 B: 29.00 mm




**113907** Starter 12 V, 1.2 kW

Replacing: 20-100-01028

Servicing: Ford

 B+ M8, Total length 169.00,  
 Gear type GR, Mounting holes 2 (0)  
 B: 29.00 mm

**113908** Starter 12 V, 1.2 kW

Replacing: 20-100-01029

Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 200.30,  
 Gear type GR, Mounting holes 3 (1)  
 B: 15.50 mm

**113909** Starter 12 V, 2.2 kW

Replacing: 20-100-01031

Servicing: Ford

 B+ M8, Total length 218.00,  
 Gear type GR, Mounting holes 2 (0)  
 B: 15.50 mm

**113910** Starter 12 V, 1.4 kW

Replacing: 20-100-01034, 20-100-01014

Servicing: Ford

 B+ M8, Total length 209.00,  
 Gear type GR, Mounting holes 3 (3)  
 A: 76.00 B: 15.00 mm

**113911** Starter 12 V, 2.2 kW

Replacing: 20-100-01036

Servicing: Ford, Volvo

 B+ M8, Total length 243.50,  
 Gear type GR, Mounting holes 3 (2)  
 A: 62.50 B: -5.95 mm



**110511** Starter 24 V, 4.0 kW  
 Replacing: IM18, AZK5539, 11.139.156  
 Servicing: Fortschritt, IFA  
 B+ M10, Total length 378.50,  
 Gear type DD, Mounting holes 0 (0)  
 A: 75.00 B: 37.00 mm



**110512** Starter 24 V, 5.4 kW  
 Replacing: BNG4/24CRS163, BNG4/24CR231,  
 BNG4/24, 0001416054, 0001416047,  
 0001416024, 0001416022, 0001415002  
 Servicing: Ahlmann, Irmer, Mercedes-Benz  
 B+ M10, Total length 384.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110594#** Starter 12 V, 3.0 kW  
 Replacing: 24063708000  
 Servicing: Belarus  
 B+ M10, Total length 374.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 99.85 B: 32.00 mm



**110601** Starter 24 V, 5.4 kW  
 Replacing: BNG4/24CRS165SR,  
 BNG4/24CR165SR, 0001416013, 0001415010,  
 0001414017, 0001410030, 0001410029  
 Servicing: Mercedes-Benz, Steyr  
 B+ M10, Total length 384.25,  
 Gear type DD, Mounting holes 3 (0)  
 A: 88.85 B: 47.50 mm



**111350** Starter 12 V, 3.0 kW  
 Replacing: 24.3708, AZJ3124, AZAJ3124,  
 11.130.436, 2407-3708000, 2406-3708000  
 Servicing: Belarus  
 B+ M10, Total length 337.45,  
 Gear type DD, Mounting holes 3 (0)  
 A: 99.70 B: 32.50 mm



**113431** Starter 12 V, 3.0 kW  
 Replacing: 24173708000, AZJ3229,  
 11.130.685  
 Servicing: Belarus  
 B+ M10, Total length 338.00,  
 Gear type DD, Mounting holes 3 (0)  
 A: 101.00 B: 30.00 mm



**113737** Starter 12 V, 0.2 kW  
 Replacing: PN0001A  
 Servicing: Lombardini  
 B+ M6, Total length 180.50,  
 Gear type DD, Mounting holes 2 (0)  
 A: 68.25 B: 14.00 mm



**110345** DC Motor 24 V, 3 kW  
 Replacing: AMK3633, 11.212.306  
 OD 125.00, Total length 225.80,  
 Pulley w/o



**110429** DC Motor 12 V, 2 kW  
 Replacing: AMJ5632, 11.212.066, 19024660,  
 19024654  
 OD 115.00, Total length 174.00,  
 Pulley w/o, Rpm./ max. 2400



**110433** DC Motor 24 V, 2.5 kW  
 Replacing: 0136501003, 0136500029,  
 19024659, 19024658  
 OD 115.00, Total length 174.00,  
 Pulley w/o, Rpm./ max. 2100



**110434#** DC Motor 24 V, 2.5 kW  
 Replacing: AMJ5633, 11.212.067, 19024667,  
 19024665  
 OD 115.00, Total length 199.00,  
 Pulley w/o, Rpm./ max. 2100



**111091** DC Motor 24 V, 2.5 kW  
 Replacing: 0136355081, AMJ5592,  
 11.212.417, 19024678  
 OD 117.00, Total length 195.60,  
 Pulley w/o, Rpm./ max. 2100



**111092** DC Motor 12 V, 2 kW  
 Replacing: 0136355080, AMJ5991, AMJ5591,  
 AMJ5272, 11.212.957, 11.212.416, 19024706  
 OD 117.30, Total length 195.45,  
 Pulley w/o, Rpm./ max. 2400



**111207** DC Motor 24 V, 1.5 kW  
 Replacing: 0136355072  
 OD 116.00, Total length 189.50,  
 Pulley w/o, Rpm./ max. 2400



**111466** DC Motor 24 V, 1.5 kW  
 Replacing: 0136355067, 0136355061,  
 0136355057, 0136355042, 0136355038,  
 0136355037, 0136355014, 0136355012  
 Servicing: Volvo  
 OD 112.00, Total length 200.40,  
 Pulley w/o



**111861** DC Motor 12 V, 1.3 kW  
 Replacing: MKW4007, MGL4105, FPOR4001,  
 462415, SM48826, MM48826, M0551046A  
 OD 78.00, Total length 175.00,  
 Pulley w/o



**112137#** DC Motor 12 V, 0.8 kW  
 Replacing: 19024711, 19024682  
 OD 78.50, Total length 172.50,  
 Pulley w/o, Rpm./ max. 2700



**112138#** DC Motor 12 V, 0.8 kW  
 Replacing: AME1706, AME1609, 11.212.192,  
 11.212.147, 47045933, 47045911, 47045811,  
 19024716, 19024699, 19024698  
 OD 78.00, Total length 184.00,  
 Pulley w/o, Rpm./ max. 2700



**112140#** DC motor 24 V, 1.2 kW  
 Replacing: AME1610, AME1593, 11.212.177,  
 11.212.148, 47045934, 47045928, 47045912,  
 47045812, 19024717, 19024701, 19024700  
 OD 78.50, Total length 184.00,  
 Pulley w/o, Rpm./ max. 3200





**112311** DC Motor 12 V, 2.1 kW  
 Replacing: 0136350013, AMJ5667, 11.212.108, MUE6102S  
 OD 112.25, Total length 196.75, Pulley w/o, Rpm./ max. 1700



**112317** DC motor 12 V, 2 kW  
 Replacing: MFX7012, MFX4005, MFX4004, MFX4001, MF7034, MDY7066, MDY7061, MDY7055, MDY7040, MDY7039, MDY7037  
 OD 114.10, Total length 191.00, Pulley w/o, Rpm./ max. 2400



**112318** DC Motor 24 V, 2.5 kW  
 Replacing: 11.212.619, 47044617, 47044606, MHX4001, MHJ7024, MHJ7005, MHJ7003, MDF7024, 19024732, 19024731  
 OD 114.14, Total length 191.25, Pulley w/o, Rpm./ max. 2100



**112484<sup>#</sup>** DC Motor 24 V, 0.4 kW  
 Replacing: 19024741, 19024720  
 OD 79.60, Total length 167.50, Pulley w/o, Rpm./ max. 3300  
 Permanent magnet.



**112487** DC Motor 24 V, 2.5 kW  
 Replacing: AMJ5690, 11.212.169, 19024713, 19024709, 19024688  
 OD 114.50, Total length 191.00, Pulley w/o, Rpm./ max. 2100



**112508<sup>#</sup>** DC Motor 12 V, 1.8 kW  
 Replacing: 19024650  
 OD 114.50, Total length 198.30, Pulley w/o, Rpm./ max. 2600



**112509<sup>#</sup>** DC Motor 12 V, 0.75 kW  
 Replacing: 19024651  
 OD 114.50, Total length 252.25, Pulley w/o, Rpm./ max. 1600



**112512<sup>#</sup>** DC Motor 24 V, 3 kW  
 Replacing: 19024657  
 OD 114.50, Total length 199.00, Pulley w/o, Rpm./ max. 4800



**112520<sup>#</sup>** DC Motor 12 V, 0.8 kW  
 Replacing: 19024676  
 OD 78.50, Total length 175.00, Rpm./ max. 2700



**112521<sup>#</sup>** DC motor 24 V, 1.2 kW  
 Replacing: 19024677  
 OD 78.50, Total length 175.50, Pulley w/o, Rpm./ max. 3200



**112522<sup>#</sup>** DC Motor 12 V, 0.8 kW  
 Replacing: 19024663  
 OD 78.50, Total length 175.00, Rpm./ max. 2700



**112523<sup>#</sup>** DC Motor 24 V, 1.2 kW  
 Replacing: 19024668  
 OD 79.50, Total length 175.50, Pulley w/o, Rpm./ max. 3200



**112524<sup>#</sup>** DC Motor 12 V, 2 kW  
 Replacing: AMJ5651, AMJ5177, 11.212.611, 11.212.087, 19024689, 19024669  
 OD 114.50, Total length 199.00, Pulley w/o, Rpm./ max. 2400



**112527<sup>#</sup>** DC Motor 24 V, 2.5 kW  
 Replacing: AMJ5707, 11.216.133, 19024696, 19024694  
 OD 114.50, Total length 205.00, Pulley w/o, Rpm./ max. 2100



**112572<sup>#</sup>** DC Motor 24 V, 1.9 kW  
 Replacing: 0136602009, AMJ4603, 11.212.106  
 OD 112.00, Total length 197.00, Pulley w/o, Rpm./ max. 4300



**112573** DC Motor 12 V, 1.6 kW  
 Replacing: AMJ5705, AMJ5666, AMJ5175, 11.216.117, 11.212.609, 11.212.107  
 OD 114.50, Total length 173.00, Pulley w/o, Rpm./ max. 2600



**112574** DC Motor 12 V, 1.6 kW  
 Replacing: AMJ4761, AMJ4635, 11.216.273  
 OD 112.00, Total length 230.00, Pulley w/o, Rpm./ max. 2800



**112575** DC motor 24 V, 2 kW  
 Replacing: 0136501074, AMJ4762, AMJ4636, 11.212.450  
 OD 112.25, Total length 226.50, Pulley w/o, Rpm./ max. 2400



**112576** DC Motor 12 V, 1.6 kW  
 Replacing: AMJ5110, 11.212.516  
 OD 113.00, Total length 185.00, Pulley w/o, Rpm./ max. 2600



**112577** DC Motor 12 V, 1.8 kW  
 Replacing: MBJ6304, MBJ6202, MBJ6201, MBJ4407, MBJ4402, MBJ4209, MBJ4202, MBJ4201, 46-4157  
 OD 113.30, Total length 211.00, Pulley w/o, Rpm./ max. 2600  
 Shaft 19.00 mm.thread on thru bolts: 3/8 unF x 22.50.



**112864** DC Motor 24 V, 0.8 kW  
 Replacing: 19024729  
 OD 80.00, Total length 175.00, Pulley w/o



**113666** DC Motor 24 V, 2.2 kW  
 Replacing: AMJ5730, AMJ5511, AMJ5176, 11.216.257, 11.212.610, 11.212.212  
 OD 114.50, Total length 173.00, Pulley w/o



**113852** DC Motor 72 V, 5 kW  
 Replacing: 0136603002, AMT4630  
 OD 178.00, Total length 310.00, Pulley w/o  
 Hydraulic.



**110060** Dynastarter 12 V, 11 Amp.,  
0.9 kW

Replacing: 0010300100, 0010300006,  
0010300004, 0010300002, 19025600  
Servicing: Albin, BCS, Goldoni, Lombardini  
OD 106.00, Total length 236.50,  
Pulley w/o  
Regulator: Cargo 235781 Startrelæ: Cargo  
130336



**110061** Dynastarter 12 V, 11 Amp.,  
0.9 kW

Replacing: 0010350102, 0010350005,  
0010300101, 0010300003, 0010300001,  
19025602  
Servicing: BCS, Ferrari  
OD 106.00, Total length 237.00,  
Pulley w/o  
Regulator: Cargo 235781 Startrelæ: Cargo  
130336



**110064** Dynastarter 12 V, 11 Amp.,  
0.9 kW

Replacing: 19025603  
OD 105.00, Total length 238.00,  
Pulley w/o  
Regulator: Cargo 235781 Startrelæ: Cargo  
130336



**111504** Dynastarter 12 V, 11 Amp.,  
0.9 kW

Replacing: 0010350100, 0010350013,  
0010350011, 0010350009, 0010350007,  
0010350003, 19025604  
Servicing: Lombardini  
OD 105.50, Total length 200.00,  
Pulley w/o  
Regulator: Cargo 235781 Startrelæ: Cargo  
130336



**113142** Dynastarter 12 V, 15 Amp.

Replacing: 1101998, 1101986, 1101951  
Servicing: Cub Cadet  
OD 115.50, Total length 262.00,  
Pulley w/o  
Regulator: Cargo 233623 or 233624,  
Solenoid: Cargo 132939, Nut: Cargo 132346,



**113143** Dynastarter 12 V, 25 Amp.

Replacing: 1101432  
Servicing: Case, Cub Cadet, Jacobsen,  
Massey Ferguson, Roper, Simplicity  
OD 115.00, Total length 265.00,  
Pulley w/o  
Regulator: Cargo 233622. Solenoid: Cargo  
132939. Nut: Cargo 132346.



**113144** Dynastarter 12 V, 23 Amp.,  
0.7 kW

Replacing: GSB107-04C, GSB107-04A,  
GSB107-01A, GSB107-01  
Servicing: Club Car, EZ-GO  
OD 113.15, Total length 247.00,  
Pulley w/  
Regulator: Cargo 233625



**113145** Dynastarter 12 V, 15 Amp.,  
0.75 kW

Replacing: GSB107-06F, GSB107-06E,  
GSB107-06  
Servicing: John Deere  
OD 114.10, Total length 241.50,  
Pulley w/o  
Regulator: Cargo 233625



**113146** Dynastarter 12 V, 15 Amp.,  
0.75 kW

Replacing: GSB107-10C, GSB107-10B  
Servicing: Yanmar  
OD 113.60, Total length 240.00,  
Pulley w/o  
Regulator: Cargo 233625



**113147** Dynastarter 12 V, 23 Amp.,  
0.7 kW

Replacing: GSB107-06B  
Servicing: Yanmar  
OD 113.00, Total length 248.00,  
Pulley w/o  
Regulator: Cargo 233625





**113148** Dynastarter 12 V, 23 Amp.,  
0.75 kW

Replacing: 1018294-01  
Servicing: Club Car  
OD 113.20, Total length 247.00,  
Pulley w/  
Regulator: Cargo 233625



**113598** Dynastarter 12 V, 15 Amp.

Replacing: 1101997, 1101996, 1101967,  
1101692, 1101691  
Servicing: Cub Cadet  
OD 118.00, Total length 265.00,  
Pulley w/o  
Regulator: Cargo 233622. Solenoid: Cargo  
132939. Nut: Cargo 132346.



**111862** Tilt/ Trim Motor 12 V  
 Replacing: 111862  
 Servicing: Mercury  
 OD 83.00, Total length 172.00



**112153** Tilt/ Trim Motor 12 V  
 Replacing: 112153  
 Servicing: Mercury  
 OD 78.00  
 Complete w/oildyne pump.



**111863** Tilt/ Trim Motor 12 V  
 Replacing: ETK4102, 40-259  
 Servicing: OMC  
 OD 78.00, Total length 171.00,  
 Pulley w/o



**112562** Tilt/ Trim Motor 12 V, 25 Amp.,  
 200 kW  
 Replacing: EVD4002, EVD4001, 40-416, 40-393  
 Servicing: OMC  
 OD 77.90, Total length 155.00,  
 Pulley w/o  
 3 wire.



**111864** Tilt/ Trim Motor 12 V  
 Replacing: EVC4002  
 Servicing: OMC  
 OD 64.00, Total length 132.00



**112152** Tilt/ Trim Motor 12 V  
 Replacing: 112152  
 Servicing: Mercury  
 Complete w/oildyne pump.







# Application list

Edition 2013/2014







ABG										
INDUSTRY										
Various Models								02.68- 12.90	110523	24 4.8
								04.68- 08.82	110536	12 2.7
								05.76- 12.90	113464	24 4.0
AC										
PASSENGER CARS EU										
ME 3000 3.0 LO6	[L06]		01.79- 12.86	111515	14	70				
ACME										
MOTORS										
Various Models								01.79-	112034	12 1.7
Acura										
PASSENGER CARS EU										
Legend 3.2	[C32A]							08.91- 08.96	112986	12 1.4
	[C32A2]							08.91- 08.96	112986	12 1.4
NSX 3.0	[C30A3]		01.90- 08.97	113496#	14	110				
NSX R 3.0	[C30A4]		01.92- 08.97	113496#	14	110				
PASSENGER CARS US										
CL 2.2	[F22B1]							01.97-	112213#	12 1.4
								01.97-	113398	12 1.6
CL 2.3	[F23A1]		01.98- 01.99	113571#	14	80		01.98- 01.99	112213#	12 1.4
CL 3.0	[J30A1]		01.97- 12.99	113159#	14	105		01.98- 01.01	113392	12 1.6
								01.97- 01.99	113396#	12 1.6
EL 1.6	[D16V8]							01.97-	113399	12 1.0
								01.98- 01.01	113400#	12 1.6
EL 1.7	[D17A2]							01.04- 01.05	113617#	12 1.2
								01.01- 01.05	113617#	12 1.2
Integra 1.6 LS	[D16A1]							01.86- 01.89	111442	12 1.4
Integra 1.6 LS Special Edition	[D16A1]							01.87-	111442	12 1.4
Integra 1.6 RS	[D16A1]							01.86- 01.89	111442	12 1.4
Integra 1.6 SE	[D16A1]		01.88-	113073#	14	55		01.88-	111442	12 1.4
Integra 1.7 GSR	[B17A1]		01.92- 01.93	113162#	14	65		01.92- 01.93	113104#	12 1.4
Integra 1.8 Special Edition	[B18B1]		01.95- 01.96	113080#	14	90		01.95- 01.96	113113#	12 1.4
								01.95- 01.95	113111#	12 1.4
								01.96- 01.96	113118#	12 1.2
Integra 1.8 Type-R	[B18C5]		01.97-	113094	14	90		01.97- 01.01	113113#	12 1.4
								01.97- 01.01	113118#	12 1.2
Integra 1.8 GS	[B18A1]		01.90- 01.91	113074#	14	65		01.92- 01.93	113104#	12 1.4
			01.92- 01.93	113162#	14	65		01.90- 01.91	113096#	12 1.4
	[B18B1]		01.97- 01.01	113094	14	90		01.96- 01.01	113118#	12 1.2
								01.97- 01.01	113113#	12 1.4
								01.97- 01.01	113118#	12 1.2
Integra 1.8 GSR	[B18C1]		01.94- 01.96	113080#	14	90		01.96- 01.01	113118#	12 1.2
			01.98- 01.01	113094	14	90		01.94- 01.01	113113#	12 1.4
								01.94- 01.95	113111#	12 1.4
Integra 1.8 LS	[B18A1]		01.90- 01.91	113074#	14	65		01.92- 01.93	113104#	12 1.4
			01.92- 01.93	113162#	14	65		01.90- 01.91	113096#	12 1.4
	[B18B1]		01.94- 01.97	113080#	14	90		01.96- 01.01	113118#	12 1.2
			01.98- 01.01	113094	14	90		01.94- 01.01	113113#	12 1.4
								01.96- 01.01	113118#	12 1.2
Integra 1.8 RS	[B18A1]		01.90- 01.91	113074#	14	65		01.92- 01.93	113104#	12 1.4
			01.92- 01.93	113162#	14	65		01.90- 01.91	113096#	12 1.4
	[B18B1]		01.94- 01.97	113080#	14	90		01.96- 01.01	113118#	12 1.2
			01.98- 01.99	113094	14	90		01.94- 01.99	113113#	12 1.4
								01.94- 01.95	113111#	12 1.4
Legend 2.5	[C25A1]		01.86- 01.87	110680	14	70		01.86- 01.87	111546	12 1.6
Legend 2.5 L	[C25A1]		01.87-	110680	14	70		01.87-	111546	12 1.6
Legend 2.7	[C27A1]		01.87- 01.90	110680	14	70		01.87- 01.90	111546	12 1.6
Legend 2.7 L	[C27A1]		01.87- 01.90	110680	14	70		01.87- 01.90	111546	12 1.6
Legend 2.7 LS	[C27A1]		01.87- 01.90	110680	14	70		01.87- 01.90	111546	12 1.6
Legend 3.2	[C32A1]		01.91- 01.93	113495#	14	110		01.91- 01.93	113042#	12 2.0
Legend 3.2 GS	[C32A1]		01.94- 01.95	113495#	14	110		01.94- 01.95	113042#	12 2.0
Legend 3.2 L	[C32A1]		01.91- 01.95	113495#	14	110		01.91- 01.95	113042#	12 2.0
Legend 3.2 LS	[C32A1]		01.91- 01.95	113495#	14	110		01.91- 01.95	113042#	12 2.0
Legend 3.2 SE	[C32A1]		01.95-	113495#	14	110		01.95-	113042#	12 2.0
MDX 3.5	[J35A3]							01.01- 01.02	113648#	12 1.6
NSX 3.0	[C30A1]		01.91- 01.94	113496#	14	110		01.98- 01.01	113392	12 1.6
NSX 3.0 T	[C30A1]							01.98- 01.99	113392	12 1.6
RL 3.5	[C35A1]		01.96- 01.04	113433	14	110				
SLX 3.2	[6VD1]		01.96- 01.97	112986				01.96- 01.97	112986	12 1.4
			01.96- 01.97	113165#	14	75				
SLX 3.5	[6VE1]							01.98- 01.99	112986	12 1.4
TL 3.2	[C32A6]							01.96- 01.98	113175#	12 1.6
TSX 2.4	[K24A2]							01.04- 01.05	113821	12 1.6
Vigor 2.5 GS	[G25A1]		01.92- 01.94	113088#	14	100				
Vigor 2.5 LS	[G25A1]		01.92- 01.94	113088#	14	100				
PASSENGER CARS AO										
CL 3.0 V6	[J30A1]							01.98- 09.00	113392	12 1.6
								01.97- 09.00	113396#	12 1.6
Integra 1.8 GS-R	[F18C2]							01.94- 09.01	113113#	12 1.4
								01.96- 01.01	113118#	12 1.2
Integra 1.8 LS	[F18C1]							01.94- 09.01	113113#	12 1.4
								01.96- 09.01	113118#	12 1.2
Integra 1.8 Sport	[F18C1]							01.94- 09.01	113113#	12 1.4
								01.96- 01.01	113118#	12 1.2
RL 3.5 V6	[C35A2]		01.96- 09.00	113433	14	110				
	[C35A5]		10.00- 09.04	113433	14	110				
SLX 3.2 V6 4WD	[6VD1]		01.96- 12.97	113165#	14	75				
TSX 2.4 VTEC	[K24A2]							10.03- 01.05	113821	12 1.6
Agco Allis										
AGRICULTURE										
8745	[4-268]							01.98- 01.00	110615	12 2.8
8765	[4-268]							01.98- 01.00	110615	12 2.8
8775	[6-402]							01.98- 01.00	110615	12 2.8
8785	[6-402]							01.98- 01.00	110615	12 2.8
9630	[Deutz 6-374]							01.93- 01.95	113008	
9650	[Deutz 6-374]							01.93- 01.96	113008	
Agco White										
AGRICULTURE										
6124	[Cummins 6-359]							01.94- 01.97	113452	12 2.5
6125	[Cummins 6-359]							01.93- 01.97	113452	12 2.5
6144	[Cummins 6-359]							01.94- 01.97	113452	12 2.5
6145	[Cummins 6-359]							01.93- 01.97	113452	12 2.5
6410 3.9	[Cummins]							01.98- 01.00	110615	12 2.8
6510 3.9	[Cummins]							01.98- 01.00	110615	12 2.8
6710	[Cummins 6-359]							01.98- 01.00	110615	12 2.8
6810	[Cummins 6-359]							01.98- 01.00	110615	12 2.8
8310	[Cummins 6-359]							01.98- 01.00	113452	12 2.5
8410	[Cummins 6-359]							01.98- 01.00	113452	12 2.5
Agrifull										
AGRICULTURE										
Various Models			08.83-	111662	14	33		01.85-	110529	12 3.0
			01.80-	110899	14	33		09.80-	110813	12 2.7

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

Ahlmann										
INDUSTRY										
Various Models						07.82-	110512	24	5.4	
						01.68- 01.80	110523	24	4.8	
Albin										
MARINE										
Various Models		03.68-	110060						AD.21	
		12.77-	111166	14	70				AD.21	
Alfa Romeo										
PASSENGER CARS EU										
159 2.0 JTDM	[939B3.000]	05.09-	114493	14	100					
		06.10-	114493	14	100					
1750 1.8 Bertina	[AR00548]	09.71-	110887	14	45	03.68-	111104	12	0.9	
2000 2.0	[AR10520]	07.73- 12.77	110887	14	45	10.71- 12.83	111104	12	0.9	
	[AR10520]	10.71- 12.83	111667	14	65					
Alfa 145 1.4 i.e. 16V	[AR33503]	12.96- 01.01	113942	14	100	12.96- 02.99	111685	12	1.4	
	[AR38501]	ACPS 12.96- 01.01	111625	14	100	12.96- 01.01	111685	12	1.4	
	[AR33503]	ACPS 12.96- 01.01	111625	14	100					
		AC 12.96- 01.01	111409	14	100					
	[AR38501]	12.96- 01.01	113942	14	100					
		ACPS 12.96- 01.01	111409	14	100					
Alfa 145 1.4 i.e.	[AR33501]	04.94- 11.96	112532#	14	80					
Alfa 145 1.6 i.e. 16V	[AR38201]	12.96- 01.01	113942	14	100	12.96- 01.01	111685	12	1.4	
	[AR67601]	12.96-	111409	14	100	01.97- 01.00	111685	12	1.4	
	[AR67601]	12.96- 01.01	113942	14	100					
Alfa 145 1.6 i.e.	[AR33201]	AC 10.94- 11.98	111409	14	100	10.94- 12.96	112817#	12	1.1	
	[AR33201]	10.94- 11.98	112532#	14	80					
Alfa 145 1.7 i.e. 16V	[AR33401]	04.94- 11.96	112532#	14	80	10.94- 12.96	112817#	12	1.1	
Alfa 145 1.8 i.e. 16V	[AR32201]	03.98- 01.01	113942	14	100	03.98-	111685	12	1.4	
	[AR38401]	12.96- 12.98	113942	14	100	12.96- 12.98	111685	12	1.4	
	[AR67106]	12.96- 12.98	113942	14	100	01.97- 01.99	111685	12	1.4	
	[AR32201]	AC 03.98-	111409	14	100					
	[AR67106]	ACPS 12.96- 01.01	111625	14	100					
		AC 12.96-	111409	14	100					
Alfa 145 1.9 JTD	[AR32302]	02.99-	112386			02.99-	113430	12	1.8	
	[AR32302]	02.99- 01.01	113943	14	100					
Alfa 145 1.9 TD	[AR33601]	10.94-	112688	14	95	10.94-	112125	12	2.2	
	[AR67501]	10.94-	112688	14	95	10.94- 02.99	113430	12	1.8	
		AC 11.96-	112771	14	90	10.94-	112125	12	2.2	
	[AR33601]	AC 11.96-	112771	14	90					
Alfa 145 2.0 16V	[AR32301]	03.98-	111409	14	100	03.98- 01.01	110850			
		03.98- 01.01	113942	14	100	03.98-	111685	12	1.4	
Alfa 145 2.0 Twin Spark i.e. 16V	[AR67204]	10.94- 01.01	111409	14	100	10.94-	111685	12	1.4	
	[AR67204]	AC 10.94- 01.01	111409	14	100					
Alfa 146 1.4 i.e. 16V	[AR33503]	AC 11.96- 01.01	111409	14	100	12.96- 02.99	111685	12	1.4	
	[AR38501]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4	
	[AR33503]	11.96- 01.01	111625	14	100					
		11.96- 01.01	113942	14	100				6E+07	
Alfa 146 1.4 i.e.	[AR33501]	12.94- 11.96	112532#	14	80					
Alfa 146 1.6 i.e. 16V	[AR38201]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4	
	[AR67601]	11.96- 01.01	113942	14	100	01.97- 01.00	111685	12	1.4	
	[AR67601]	11.96-	111409	14	100					
Alfa 146 1.6 i.e.	[AR33201]	05.95- 11.96	112532#	14	80					
		AC 12.94- 12.96	111409	14	100					
Alfa 146 1.7 i.e. 16V	[AR33401]	12.94- 11.96	112532#	14	80	12.94- 12.96	112817#	12	1.1	
Alfa 146 1.8 i.e. 16V	[AR38401]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4	
	[AR67106]	11.96- 01.01	113942	14	100	01.97- 01.99	111685	12	1.4	
	[AR67106]	11.96-	111409	14	100					
Alfa 146 1.8 Twin Spark i.e. 16V	[AR32201]	03.98- 01.01	113942	14	100	03.98- 01.01	111685	12	1.4	
	[AR32201]	08.95- 11.96	112532#	14	80					
		11.96- 01.01	111409	14	100					
		11.96- 01.01	111625	14	100					
Alfa 146 1.9 JTD	[AR32302]	02.99-	113943	14	100	02.99-	113430	12	1.8	
	[AR32302]	02.99-	112386							
Alfa 146 1.9 TD	[AR33601]	AC 11.96-	112771	14	90	10.94-	112125	12	2.2	
	[AR67501]	12.94-	112688	14	95	10.94-	112125	12	2.2	
	[AR33601]	12.94-	112688	14	95					
	[AR67501]	AC 11.96-	112771	14	90					
Alfa 146 2.0 16V	[AR32301]	03.98-	111409	14	100					
		03.98- 01.01	113942	14	100					
Alfa 146 2.0 Twin Spark 16V	[AR67204]	10.94-	111409	14	100	10.94-	111685	12	1.4	
	[AR67204]	10.95- 01.01	113942	14	100					
Alfa 147 1.6 Twin Spark 16V	[AR32104]	01.01-	113942	14	100	01.01-	111685	12	1.4	
	[AR37203]	AC 11.00-	111409	14	100	01.01-	111685	12	1.4	
	[AR32104]	AC 11.00-	111409	14	100					
	[AR37203]	01.01-	113942	14	100					
Alfa 147 1.9 JTD 16V	[192A5.000]	11.02-	113943	14	100					
		07.03-	112386							
	[192B1.000]	10.04-	112386							
		10.04-	113943	14	100					
Alfa 147 1.9 JTD	[937A4.000]	09.03- 09.04	113943	14	100					
	[182B9.000]	06.03-	113336	14	120	06.03-	113297			
	[937A2.000]	11.00-	112386			04.01-	113931	12	1.7	
	11.00-	113336	14	120	04.01-	113430	12	1.8		
Alfa 147 1.9 JTDM 16V	[939A7.000]	10.04- 03.10	112386			10.04- 03.10	113931	12	1.7	
		10.04- 03.10	113943	14	100	10.04- 03.10	113297			
	[937A5.000]	07.05-	112386							
		07.05-	113943	14	100					
Alfa 147 1.9 JTDM 8V	[937A3.000]	07.05-	113943	14	100	07.05-	113931	12	1.7	
	[937A3.000]					07.05-	113297			
Alfa 147 1.9 JTDM	[937A6.000]	06.08-	113943	14	100					
Alfa 147 2.0 Twin Spark 16V	[AR32310]	11.00-	111409	14	100	01.01-	111685	12	1.4	
	[AR32310]	01.01-	113942	14	100					
Alfa 147 3.2 GTA	[932A.000]	02.03-	113836	14	120	02.03-	112308#	12	1.4	
	[AR67601]	05.96-	111625	14	100	05.96-	111685	12	1.4	
	[AR67601]	05.96- 01.98	113942	14	100					
		AC 12.95-	111409	14	100					
Alfa 155 1.7 Twin Spark 16V	[AR67106]	05.96- 12.97	113942	14	100	05.96-	112308#	12	1.4	
	[AR67106]	AC 05.96- 12.97	111409	14	100					
		AC 05.96-	111625	14	100					
Alfa 155 1.7 Twin Spark	[AR67103]	04.93- 04.96	112456#	14	80	04.93- 04.96	112308#	12	1.4	
	[AR67105]	04.93- 04.96	112456#	14	80	04.93- 04.96	112308#	12	1.4	
Alfa 155 1.8 Twin Spark	[AR67101]	02.92- 04.96	112456#	14	80	02.92- 04.96	112308#	12	1.4	
	[AR67102]	02.92- 04.96	112456#	14	80	02.92- 04.96	112308#	12	1.4	
	[AR67402]	A12 02.92- 12.97	112456#	14	80	02.92- 12.97	112308#	12	1.4	
			02.92- 12.97	113942	14	100				
			02.92- 12.97	112456#	14	80				
		05.96- 12.97	111625	14	100					
		AC 05.96- 12.97	111409	14	100					
Alfa 155 1.9 TD	[AR67501]	04.93- 04.96	112771	14	90	04.93- 04.96	112125	12	2.2	
	[AR67501]	04.93-	111620	14	65					
		04.93- 04.96	112688	14	95					
		04.93- 12.97	112450#	14	80					
Alfa 155 2.0 Turbo 16V 4x4	[AR67203]	ACPS 03.93- 04.96	112540	14	100	01.95- 04.96	110854	12	1.4	
Alfa 155 2.0 Turbo 16V Q4	[AR67203]	A12 01.92- 12.97	112540	14	100	01.95- 04.96	110854	12	1.4	
	[AR67203]	ACPS 03.93- 04.96	112540	14	100					
Alfa 155 2.0 Twin Spark 16V	[AR67204]	03.95- 12.97	111409	14	100	07.95-	111685	12	1.4	
	[AR67204]					03.95- 04.96	112308#	12	1.4	

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Alfa 155 2.0 Twin Spark	[AR67201]	A12 02.92- 04.93	112456#	14	80	02.92- 04.93	112308#	12	1.4
	[AR67202]	04.93- 02.95	112456#	14	80	04.93- 02.95	112308#	12	1.4
	[AR67201]	02.92- 04.93	112456#	14	80				
Alfa 155 2.5 V6	[AR67301]					02.92- 04.96	112308#	12	1.4
	[AR67302]					10.92- 04.96	112308#	12	1.4
	[AR67303]					10.92- 09.96	112308#	12	1.4
Alfa 155 2.5 TD	[VM07B]	04.93- 04.96	112450#	14	80	04.93- 04.96	112454	12	2.2
	[VM31B]	04.93- 12.97	112450#	14	80	04.93- 12.97	112454	12	2.2
	[AR32102]	AC 09.97-	111409	14	100	08.00-	111685	12	1.4
Alfa 156 1.6 Twin Spark 16V	[AR32103]	09.97- 09.05	113942	14	100	08.00-	111685	12	1.4
	[AR32104]	09.97-	113536	14	90	08.00-	111685	12	1.4
	[AR67601]	AC 09.97-	111409	14	100	09.97- 09.00	111685	12	1.4
	[AR32102]	09.97-	113536	14	90				
		09.97- 09.05	113942	14	100				
	[AR32103]	09.97-	113536	14	90				
		AC 09.97-	111409	14	100				
	[AR32104]	09.97- 05.06	113942	14	100				
		AC 09.97-	111409	14	100				
		[AR67601]	09.97- 09.05	113942	14	100			
Alfa 156 1.8 Twin Spark 16V	[AR32201]	09.97- 10.00	113942	14	100	09.97- 10.00	111685	12	1.4
	[AR32205]	AC 10.00-	111409	14	100	10.00-	111685	12	1.4
	[AR32201]	10.97-	111409	14	100				
		10.97- 10.00	111625	14	100				
		ACPS 10.97-	111409	14	100				
		AC 05.00- 10.00	111409	14	100				
[AR32205]	10.00- 05.06	113942	14	100					
Alfa 156 1.9 JTD 16V Q4	[937A5.000]	07.04-	113987	14	140				
Alfa 156 1.9 JTD	[937A2.000]					05.01-	113430	12	1.8
	[AR32302]	09.97- 10.00	113942	14	100	09.97- 10.00	113430	12	1.8
		09.97- 10.00	113943	14	100	01.02-	113297		
	[AR37101]	10.00- 05.01	113943	14	100	10.00-	113430	12	1.8
	[937A2.000]					05.01- 05.06	113931	12	1.7
	[AR32302]	09.97- 10.00	111409	14	100				
[AR32302]	09.97- 10.00	112386							
Alfa 156 2.0 JTS	[937A1.000]					03.02-	111685	12	1.4
Alfa 156 2.0 Twin Spark 16V	[AR32301]	09.97- 10.00	113942	14	100	09.97- 10.00	111685	12	1.4
	[AR32310]	10.00-	111409	14	100	10.00-	111685	12	1.4
	[AR32301]	09.97- 10.00	111409	14	100				
		10.97-	111625	14	100				
	[AR32310]	10.00- 03.02	113942	14	100				
		10.00-	113430			10.00- 05.06	113430	12	1.8
Alfa 156 2.4 JTD	[839A6.000]					10.03- 05.06	113430	12	1.8
	[841G.000]	10.03-	113336	14	120				
	[AR32501]	09.97- 10.00	113942	14	100	09.97- 10.00	112027		
	[839A6.000]	10.00- 05.06	113942	14	100				
		AC 10.00-	111409	14	100				
		10.97- 10.00	111409	14	100				
Alfa 156 2.5 V6 24V	[AR32401]	09.97- 10.00	113848	14	120	10.97- 10.00	112308#	12	1.4
	[AR32405]	10.00- 09.05	113836	14	120	10.00-	112308#	12	1.4
	[932A.000]	03.02- 05.06	113836	14	120	03.02-	112308#	12	1.4
Alfa 156 3.2 GTA	[939A4.000]	03.07-	114431	14	120				
Alfa 159 1.8 MPI	[937A8.000]	09.05-	114204	14	120	09.05-	113931	12	1.7
	[939A8.000]	09.05-	113996	14	140	09.05-	113931	12	1.7
	[937A8.000]	03.06-	113996	14	140				
		03.06-	114493	14	100				
		09.05-	113996	14	140				
		09.05-	114204	14	120				
		09.05-	114493	14	100				
	[939A8.000]	09.05-	114204	14	120				
	[937A7.000]	03.06-	113996	14	140	03.06-	113931	12	1.7
	[939A1.000]	09.05-	114204	14	120	06.05-	113297		
Alfa 159 1.9 JTDM 8V	[939A1.000]	09.05-	114493	14	100	09.05-	113931	12	1.7
	[939A7.000]	09.05-	113996	14	140	09.05-	113931	12	1.7
	[937A7.000]	03.06-	114204	14	120				
	[939A1.000]	09.05-	113996	14	140				
	[939A7.000]	09.05-	114204	14	120				
	[939A7.000]	09.05-	114204	14	120				
Alfa 159 2.4 JTDM	[939A3.000]					09.05-	113430	12	1.8
Alfa 164 2.0	[AR06416]					06.87- 09.92	112308#	12	1.4
	[AR06416]	11.90- 09.92	112456#	14	80				
Alfa 164 2.0 Turbo V6	[AR64101]					03.91- 09.92	112308#	12	1.4
	[AR64102]	A12				09.92-	112308#	12	1.4
	[AR64102]								
Alfa 164 2.0 Turbo	[AR06476]	01.88- 09.92	112453	14	85	01.88- 09.92	112455	12	1.4
	[AR06476]	A12 10.87- 09.98	112453	14	85				
Alfa 164 2.0 Twin Spark	[AR06416]	01.88- 09.92	112456#	14	80	06.87- 09.92	112308#	12	1.4
	[AR06420]					06.87- 09.92	112308#	12	1.4
	[AR64103]	09.92- 10.98	112456#	14	80	09.92- 10.98	112308#	12	1.4
	[AR06416]								
	[AR06420]	06.87- 09.92	112456#	14	80				
Alfa 164 2.5 V6	[AR66201]					09.92- 09.98	112308#	12	1.4
	[AR66201]								
Alfa 164 2.5 TD	[VM08B]	09.92- 10.98	112450#	14	80	09.92- 10.98	112454	12	2.2
	[VM32B]	09.92- 10.98	112450#	14	80				
	[VM84A]					06.87- 09.92	112454	12	2.2
Alfa 164 3.0 24V QV	[AR64304]					09.92- 09.98	112308#	12	1.4
	[AR64307]					02.94-	112308#	12	1.4
	[AR64308]					02.94-	112308#	12	1.4
	[AR64304]								
	[AR64307]								
	[AR64308]								
Alfa 164 3.0 24V	[AR66301]					09.92- 09.98	112308#	12	1.4
	[AR66302]					09.92- 09.98	112308#	12	1.4
	[AR66301]								
	[AR66302]								
Alfa 164 3.0 i.e. QV	[AR06430]					09.90- 09.92	112308#	12	1.4
	[AR64301]					09.90- 09.92	112308#	12	1.4
Alfa 164 3.0 V6	[AR06410]					06.87- 09.92	112308#	12	1.4
	[AR06412]					04.88- 09.92	112308#	12	1.4
	[AR66303]					09.92-	112308#	12	1.4
	[AR66305]					09.92-	112308#	12	1.4
	[AR66303]								
	[AR66305]								
Alfa 166 2.0 Twin Spark	[AR34103]	10.00-	113536	14	90	09.98-	111685	12	1.4
		09.98- 10.00	113942	14	100	09.98-	112308#	12	1.4
	[AR36301]	10.00-	113536	14	90	10.00-	111685	12	1.4
	[AR34103]	09.98- 02.00	111409	14	100				
	[AR36301]	10.00-	111409	14	100				
Alfa 166 2.0 V6	[AR34102]	09.98-	113848	14	120	09.98-	112308#	12	1.4
	[AR34102]	10.00-	113536	14	90				
Alfa 166 2.4	[841G.000]					10.03-	112027		
	[841H.000]					10.03-	112027		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

ALFA ROMEO Continued

Alfa 166 2.4 JTD	[839A6.000]	10.00-	113942	14	100					
	[AR34202]	09.98-	111409	14	100					
	[839A6.000]	AC 10.00-	111409	14	100					
	[841M.000]	07.05-	113942	14	100					
	[936B.000]	07.05-	113942	14	100					
	[AR34202]	09.98- 10.00	113942	14	100					
Alfa 166 2.5 V6 24V	[AR34201]	10.00-	113836	14	120			09.98- 09.00	112308# 12 1.4	
	[AR36201]	10.00-	113836	14	120			10.00-	112308# 12 1.4	
	[AR34201]									
Alfa 166 3.0 V6 24V	[AR34301]									
	[AR36101]	10.00-	113836	14	120			09.98-	112308# 12 1.4	
	[AR34301]	09.98- 10.00	113848	14	120			10.00-	112308# 12 1.4	
Alfa 166 3.2 V6 24V	[936A.000]	10.00-	113836	14	120			06.03-	112308# 12 1.4	
Alfa 33 1.2	[AR30585]	06.83- 03.88	110880	14	45					
	[AR30743]									
Alfa 33 1.3	[AR30168]	10.84- 03.88	110880	14	45					
	[AR30502]	06.83- 03.88	110880	14	45					
	[AR30586]									
	[AR30587]									
Alfa 33 1.4	[AR30732]									
	[AR30502]	06.83- 03.88	110880	14	45					
	[AR30586]									
		06.83- 12.89	110880	14	45					
Alfa 33 1.4 i.e.	[AR30755]									
Alfa 33 1.4 i.e. 4x4	[AR30587]									
	[AR30755]									
Alfa 33 1.5	[AR30734]							01.90- 04.93	112817# 12 1.1	
	[AR30143]	06.83- 12.85	110880	14	45					
	[AR30146]	12.86- 12.89	110880	14	45					
	[AR30182]	01.82- 12.93	110880	14	45					
	[AR30504]	06.83- 12.85	110880	14	45					
	[AR30508]	03.88- 12.89	110880	14	45					
	[AR30514]	09.84- 12.87	110880	14	45					
	[AR30520]	06.83- 12.89	110880	14	45					
	[AR30588]	07.86- 12.89	110880	14	45					
		[AR30751]								
		[AR30146]	09.86- 12.89	110880	14	45				
Alfa 33 1.5 4x4	[AR30182]	09.84- 12.87	110880	14	45					
	[AR30504]	11.83- 12.84	110880	14	45					
	[AR30508]	03.88- 12.89	110880	14	45					
	[AR30514]	01.84- 12.89	110880	14	45					
	[AR30520]									
	[AR30588]	01.85- 09.86	110880	14	45					
	[AR30588]	09.86- 12.89	110880	14	45					
Alfa 33 1.5 i.e.	[AR30750]	07.90- 08.91	110880	14	45					
Alfa 33 1.5 QV	[AR30146]	06.84- 12.89	110880	14	45					
	[AR30508]	03.88- 12.89	110880	14	45					
	[AR30588]									
Alfa 33 1.7	[AR30550]									
Alfa 33 1.7 16V	[AR30746]							01.90- 03.92	112817# 12 1.1	
	[AR30747]							01.90- 09.94	112817# 12 1.1	
Alfa 33 1.7 16V 4x4	[AR30747]							01.90- 09.94	112817# 12 1.1	
	[AR30746]									
Alfa 33 1.7 i.e.	[AR30736]							01.90- 03.92	112817# 12 1.1	
	[AR30737]							01.90- 09.94	112817# 12 1.1	
	[AR30737A]							04.92- 09.94	112817# 12 1.1	
	[AR30558]									
Alfa 33 1.7 i.e. 4x4	[AR30736]							01.90- 03.92	112817# 12 1.1	
	[AR30737]							01.90- 03.92	112817# 12 1.1	
	[AR30558]									
Alfa 33 1.8 TD	[VM82A]	09.86- 12.89	111686	14	65			09.86- 12.89	112454 12 2.2	
	[VW82A]	03.88- 12.89	111686	14	65			03.88- 12.89	112454 12 2.2	
	[VM96A]	01.90- 10.94	111620	14	65			02.90- 10.94	111645 12 0.4	
		07.90- 09.94	112768	14	55			07.90- 09.94	112454 12 2.2	
Alfa 6 2.0	[AR01932]	07.81- 12.88	111667	14	65					
Alfa 6 2.5 i.e.	[AR01928]	04.79- 12.86	111667	14	65					
Alfa 6 2.5 TD	[VM-HR588HT]	07.81- 02.87	110890	14	55					
Alfa 75 1.6	[AR06100]	05.85- 09.89	111153	14	55			05.85- 09.89	111104 12 0.9	
	[AR61101]	A12 05.89- 02.92	111153	14	55			05.89- 02.92	111104 12 0.9	
	[AR61101]	05.89- 02.92	111153	14	55					
Alfa 75 1.8	[AR06168]	09.88- 09.89	111153	14	55			09.88- 02.92	110825# 12 0.9	
		09.88- 02.92	111667	14	65			09.88- 02.92	111104 12 0.9	
	[AR06202]	06.85- 09.89	111153	14	55			05.85- 09.89	111104 12 0.9	
	[AR61102]	09.88- 09.89	111153	14	55			09.88- 02.92	111104 12 0.9	
		09.88- 02.92	111667	14	65			09.88- 02.92	110825# 12 0.9	
	[AR61201]	08.89- 02.92	111667	14	65			08.89- 02.92	111104 12 0.9	
Alfa 75 1.8 i.e. Turbo	[AR06158]	09.88- 01.90	111667	14	65			02.86- 01.90	111104 12 0.9	
Alfa 75 1.8 Turbo	[AR06134]	02.86- 01.90	111667	14	65			02.86- 01.90	111104 12 0.9	
Alfa 75 2.0	[AR06212]	05.85- 10.88	111153	14	55					
Alfa 75 2.0 Twin Spark	[AR06166]	01.87- 02.92	111667	14	65					
	[AR06224]	01.87- 02.92	111667	14	65					
Alfa 75 2.0 TD	[VM80A]	05.85- 12.89	110890	14	55					
		05.85- 02.92	111686	14	65					
		01.90- 02.92	112768	14	55					
Alfa 75 2.4 TD	[VM81A]	09.88- 12.89	110890	14	55					
		09.88- 02.92	111686	14	65					
		01.90- 02.92	112768	14	55					
Alfa 75 2.5 V6	[AR01646]	05.85- 02.87	111667	14	65					
	[AR01648]	09.86- 04.89	111667	14	65					
		A12 02.86- 02.92	111667	14	65					
	[AR01911]	02.86- 02.92	111667	14	65					
		A12 09.86- 04.89	111667	14	65					
Alfa 75 3.0 V6	[AR06120]	02.87- 01.90	111667	14	65					
		A12 02.87- 01.90	111667	14	65					
	[AR06124]	01.87- 02.92	111667	14	65					
		A12 01.87- 02.92	111167							
	[AR61503]	02.90- 02.92	111667	14	65					
Alfa 90 1.8	[AR06202]	10.84- 01.87	111153	14	55			10.84- 01.87	111104 12 0.9	
Alfa 90 2.0 i.e.	[AR01713]	10.84- 01.87	111153	14	55					
	[AR06210]	10.84- 07.87	111667	14	65					
	[AR06212]	10.84- 06.86	111153	14	55					
Alfa 90 2.4 TD	[VM81A]	10.84- 01.87	110890	14	55					





Alfa 90 2.5 i.e. V6	[AR01646]	10.84- 07.87	111667	14	65				
	[AR01911]	10.84- 12.90	111667	14	65				
Alfasud 1.2	[AR30102]	A12 02.86- 12.90	111667	14	65				
		05.78- 12.84	110357	14	55				
	[AR30102S]	05.78- 12.84	110880	14	45				
	[AR30104]	03.80- 09.84	110357	14	55				
		03.80- 09.84	110880	14	45				
[AR30104]	05.78- 09.84	110357	14	55					
[AR30104]	05.78- 09.84	110880	14	45					
Alfasud 1.2 Giardinetta	[AR30102]	05.78- 12.81	110357	14	55				
[AR30102]	05.78- 12.81	110880	14	45					
Alfasud 1.3	[AR30180]	05.78- 12.84	110357	14	55				
[AR30180]	05.78- 12.84	110880	14	45					
Alfasud 1.3 Giardinetta	[AR30160]	03.80- 12.81	110357	14	55				
[AR30160]	03.80- 12.81	110880	14	45					
Alfasud 1.3 Sprint	[AR30164]	05.78- 02.80	110880	14	45				
	[AR30168]	03.80- 12.84	110880	14	45				
	[AR30184]	09.76- 12.81	110880	14	45				
Alfasud 1.3 Super	[AR30160]	01.79- 02.80	110357	14	55				
	[AR30160]	01.79- 02.80	110880	14	45				
[AR30164]	05.78- 02.80	110357	14	55					
[AR30164]	05.78- 02.80	110880	14	45					
Alfasud 1.3 Ti	[AR30168]	03.80- 12.84	110357	14	55				
	[AR30168]	03.80- 12.84	110880	14	45				
	[AR30184]	05.78- 09.84	110357	14	55				
[AR30184]	05.78- 09.84	110880	14	45					
Alfasud 1.5	[AR30146]	01.83- 12.87	110880	14	45				
Alfasud 1.5 Sprint	[AR30124]	03.80- 06.83	110880	14	45				
	[AR30128]	03.80- 12.84	110880	14	45				
	[AR30146]	01.83- 12.84	110880	14	45				
Alfasud 1.5 Ti	[AR30124]	01.81- 06.83	110357	14	55				
	[AR30124]	01.81- 06.83	110880	14	45				
	[AR30128]	03.80- 12.84	110357	14	55				
	[AR30128]	03.80- 12.84	110880	14	45				
Alfasud 1.5 Ti Sprint	[AR30146]	01.83- 12.84	110357	14	55				
	[AR30146]	01.83- 12.84	110880	14	45				
Alfasud 1.7 Sprint	[AR30550]	03.87- 12.89	110880	14	45				
Alfasud 1.7 i.e. Sprint	[AR30558]					10.87- 12.89	112817#	12	1.1
	[AR30558]	10.87- 12.89	110880	14	45				
Alfetta 1.6	[AR01600]	05.72- 12.80	110887	14	45	01.75- 12.84	111104	12	0.9
	[AR01600]	07.80- 12.84	111153	14	55				
Alfetta 1.6 GT	[AR01600]	05.76- 12.80	110887	14	45	05.76- 12.80	111104	12	0.9
Alfetta 1.8	[AR01608]	05.72- 02.80	110887	14	45	05.72- 02.80	111104	12	0.9
	[AR01608X]	05.72- 02.80	110887	14	45	05.72- 02.80	111104	12	0.9
	[AR01678]	01.75- 06.80	110887	14	45	01.75- 12.84	111104	12	0.9
	[AR01678]	07.80- 12.84	111153	14	55				
Alfetta 1.8 GT	[AR01608]	07.74- 12.77	110887	14	45	07.74- 12.77	111104	12	0.9
	[AR01608X]	07.74- 12.77	110887	14	45	07.74- 12.77	111104	12	0.9
	[AR01623]	03.77- 02.80	110887	14	45				
Alfetta 2.0	[AR01655]	07.78- 06.80	110887	14	45				
	[AR01655]	07.80- 12.84	111153	14	55				
	[AR01713]	04.83- 12.84	111153	14	55				
	[AR10520]	07.78- 06.80	110887	14	45				
	[AR10520]	07.80- 12.84	111153	14	55				
Alfetta 2.0 GT	[AR01623]	05.76- 02.80	110887	14	45				
	[AR01655]	07.80- 01.86	111153	14	55				
[AR01655]	06.77- 12.80	110887	14	45					
[AR01655]	06.77- 12.84	111153	14	55					
Alfetta 2.0 TD	[VM4HT/2]	10.79- 03.83	110890	14	55				
	[VM4HT/2]	10.79- 03.83	111153	14	55				
Alfetta 2.4 TD	[VM4HT2.4]	04.83- 12.84	110890	14	55				
AR 6 2.4 Diesel	[8144.61.200]	04.85- 02.86	110890	14	55				
AR 6 2.4 TD	[8144.21.220]	09.86- 12.89	110890	14	55	09.86- 12.89	113846	12	2.2
AR 6 2.5 Diesel	[8144.67.220]	04.85- 12.89	110890	14	55	03.86- 12.89	110812	12	2.0
AR 8 2.4 Diesel	[8140.21.200D.I.]	04.85- 12.88	111418	14	55	04.85- 12.88	110814	12	2.7
	[8140.61.200]	04.85- 12.88	110890	14	55	04.78- 08.86	110814	12	2.7
	[8140.21.200D.I.]	04.85- 12.89	110882	14	45				
	[8140.21.200D.I.]	04.85- 12.88	113838	14	55				
[8140.61.200]	04.78- 12.89	110882	14	45					
AR 8 2.4 TD	[8140.21.200D.I.]	04.85- 12.88	113838	14	55	04.85- 12.89	110814	12	2.7
[8140.21.200D.I.]	04.85- 12.88	110890	14	55					
[8140.21.200D.I.]	04.85- 12.89	111418	14	55					
Arna 1.2	[AR30102]	03.83- 12.86	110880	14	45				
	[AR30500]	01.85- 12.86	110880	14	45				
	[AR30500]	01.85- 12.86	110890	14	55				
[AR31000]	09.83- 12.86	110880	14	45					
Arna 1.3 Ti	[AR30168]	03.83- 12.86	110880	14	45				
	[AR31010]	03.83- 12.86	110880	14	45				
Arna 1.5	[AR30182]	09.83- 12.86	110880	14	45				
	[AR30182]	01.85- 12.86	110890	14	55				
Brera 2.0 JTDM	[939B3.000]	05.09-	114493	14	100				
Giulia 1.3 1300 Super	[AR00530]	01.69- 10.78	110887	14	45	11.70- 10.78	111104	12	0.9
Giulia 1.3 Ti	[539]	04.69-	110887	14	45	07.67-	111104	12	0.9
Giulia 1.6 1600 Super	[AR00526]	09.71- 10.78	110887	14	45	01.69- 10.78	111104	12	0.9
Giulia 1.6 Super	[AR00526]	06.64- 10.78	110887	14	45	07.67- 09.71	111104	12	0.9
Giulietta 1.3	[AR01644]	10.77- 06.80	110887	14	45	10.77- 06.83	111104	12	0.9
[AR01644]	07.80- 04.85	111153	14	55					
Giulietta 1.6	[AR01600]	07.80- 04.85	111153	14	55	10.77- 04.85	111104	12	0.9
	[AR01600]	10.77- 06.80	110887	14	45				
[AR01600]	10.77- 04.85	111104							
Giulietta 1.8	[AR01678]	07.80- 04.85	111153	14	55	04.79- 04.85	111104	12	0.9
	[AR01678]	10.77- 06.80	110887	14	45				
Giulietta 1.8 Turbo	[AR01354]	01.84- 12.85	111153	14	55	01.84- 12.85	111104	12	0.9
Giulietta 1.9 Turbo	[AR07699]	07.83- 06.84	111153	14	55				
Giulietta 2.0	[AR01655]	06.80- 04.85	111153	14	55				
	[AR11671]	06.80- 04.85	111153	14	55				
Giulietta 2.0 TD	[VM4HT]	03.83- 04.85	110890	14	55				
GT 1.3 1300 Junior	[AR00530]	08.66- 12.77	110887	14	45	07.67- 12.77	111104	12	0.9
GT 1.6 1600	[AR00526S]	08.66- 12.77	110887	14	45	09.72- 12.77	111104	12	0.9
	[AR00536]	01.69- 12.77	110887	14	45	06.71- 12.77	111104	12	0.9
GT 1.8 TS	[AR32205]					Chas. -VET13873 11.03-	111685	12	1.4
GT 1.9 JTD	[937A5.000]	11.03-	112461	14	150	11.03-	113430	12	1.8
[937A6.000]	05.08-	113943	14	100	05.08-	113931	12	1.7	
GT 2.0 JTS	[932A2.000]	12.06-	113536	14	90	Chas. -VET13873 11.03-	111685	12	1.4
[937A1.000]					Chas. -VET13873 11.03-	111685	12	1.4	
GTA 3.2	[936A.000]	11.03-	113836	14	120	11.03-	112308#	12	1.4
GTV 1.8 1750	[AR00548]	01.68- 03.72	110887	14	45	01.68- 03.72	111104	12	0.9
GTV 1.8 16V	[AR32201]	05.98-	113942	14	100	03.98- 12.00	111685	12	1.4
	[AR32201]	AC 05.98-	111409	14	100				
GTV 2.0	[AR01655]	07.78- 06.80	110887	14	45				
	[AR01655]	07.80- 01.86	111153	14	55				
	[AR06212]	07.78- 06.80	110887	14	45				
[AR06212]	07.80- 01.86	111153	14	55					
GTV 2.0 16V	[AR32301]	05.98- 08.00	113942	14	100	05.98- 08.00	111685	12	1.4
	[AR32301]	08.00-	113536	14	90				
	[AR32301]	05.98-	111409	14	100				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



## ALFA ROMEO Continued

GTV 2.0 JTS	[937A1.000]					Stelnr. VET7015327 ▶ 04.03-	111685	12	1.4
GTV 2.0 Turbo V6	[AR16202]	08.00-	113536	14	90	06.95-	112308#	12	1.4
	[AR16202]								
GTV 2.0 Twin Spark 16V	[AR16201]	06.95-	113942	14	100	04.95- 09.00	111685	12	1.4
	[AR32310]	08.00-	113536	14	90	06.00- 06.02	111685	12	1.4
	[AR32310]	12.95-	111409	14	100				
		A12 06.95- 05.98	111409	14	100				
GTV 3.0 V6 24V	[AR16102]	10.96- 10.00	113848	14	120	11.96- 10.00	112308#	12	1.4
GTV 3.0 V6	[AR16105]	10.00-	113848	14	120	10.00-	112308#	12	1.4
GTV 3.2 V6 24V	[936A6.000]	04.03- 12.05	113836	14	120	06.03-	112308#	12	1.4
GTV 6 2.5 i.e.	[AR01646]	11.80- 02.87	111667	14	65				
Mito 1.3 JTDM		09.08-	113722	14	90				
Mito 1.4	[199A6.000]	09.08-	114462	14	70	09.08-	113962	12	0.9
	[955A1.000]	09.08-	114462	14	70	09.08-	113962	12	0.9
	955	05.11-	114462	14	70	05.11-	113962	12	0.9
	[199A8.000]					09.08-	113962	12	0.9
Mito 1.4 TB	[199A8.000]					09.08-	113962	12	0.9
Mito 1.4 Turbo	[198A1.000]					09.08-	113962	12	0.9
Mito 1.4 BiFuel	[198A4.000]					07.11-	113962	12	0.9
Mito 1.6 JTDM	[198A2.000]	09.08-	114493	14	100	09.08-	113931	12	1.7
	[955A4.000]	09.08-	114493	14	100	09.08-	113931	12	1.7
Spider 1.3 1300	[AR00530]	01.68- 10.78	110887	14	45	05.68- 10.78	111104	12	0.9
Spider 1.6 1600	[AR00526]	07.80- 12.94	111153	14	55	06.71- 12.89	111104	12	0.9
	[AR00536]	09.71- 10.79	110887	14	45	06.71- 10.79	111104	12	0.9
	[AR01563]	01.90- 12.94	111153	14	55	01.90- 12.94	111104	12	0.9
	[AR00526]	05.68- 06.80	110887	14	45				
Spider 1.8 1750	[AR00548]	09.71- 12.72	110887	14	45	12.69- 12.72	111104	12	0.9
Spider 1.8 16V	[AR32201]	05.98-	111409	14	100	03.98- 12.00	111685	12	1.4
	[AR32201]	05.98- 04.05	113942	14	100				
Spider 2.0 2000	[AR00512]	08.00-	113536	14	90	01.71- 12.77	111104	12	0.9
	[AR00515]	07.80- 12.94	111153	14	55	04.71- 12.89	111104	12	0.9
	[AR01588]	08.00-	113536	14	90	01.90- 12.93	111104	12	0.9
	[AR00512]	01.71- 12.77	110887	14	45				
	[AR00515]	08.00-	113536	14	90				
		09.71- 06.80	110887	14	45				
		08.86- 12.90	111667	14	65				
	[AR01544]	08.00-	113536	14	90				
		10.81- 12.89	111153	14	55				
		10.81- 12.94	111667	14	65				
	[AR01588]	01.90- 12.94	111667	14	65				
Spider 2.0 2000 Veloce	[AR00515]	09.71- 06.80	110887	14	45	04.71- 12.89	111104	12	0.9
	[AR00515]	08.00-	113536	14	90				
		01.77- 05.86	111667	14	65				
		07.80- 12.89	111153	14	55				
Spider 2.0 16V	[AR32301]	05.98- 08.00	113942	14	100	05.98-	111685	12	1.4
	[AR32301]	05.98-	111409	14	100				
Spider 2.0 JTS	[937A1.000]					Stelnr. VET7015327 ▶ 04.03-	111685	12	1.4
Spider 2.0 Turbo V6	[AR16202]					05.98-	112308#	12	1.4
Spider 2.0 Twin Spark 16V	[AR16201]	12.95-	111409	14	100	04.95- 09.00	111685	12	1.4
	[AR32310]	06.95- 04.05	113942	14	100	09.00- 06.02	111685	12	1.4
Spider 2.0 JTDM	[939B3.000]	05.09-	114493	14	100				
Spider 3.0 V6 24V	[AR16102]	01.99- 04.05	113848	14	120				
Spider 3.0 V6	[AR16105]	01.99- 04.05	113848	14	120	10.00-	112308#	12	1.4
	[AR16101]					04.95-	112308#	12	1.4
Spider 3.2 V6 24V	[936A6.000]	04.03- 02.06	113836	14	120	06.03-	112308#	12	1.4
Zagato 3.0 V6	[AR61501]	03.89- 02.92	111667	14	65				
<b>PASSENGER CARS US</b>									
2000 2.0 Berlina						01.61-	111104	12	0.9
Alfa 164 3.0	164	01.91-	112777	14	115	01.91-	112308#	12	1.4
Alfa 164 3.0 Quadrifoglio						01.94- 01.95	112308#	12	1.4
Alfa 164 3.0 Sport	164					01.91- 01.93	112308#	12	1.4
Alfa 164 3.0 L	164	01.91- 01.93	112777	14	115	01.91- 01.93	112308#	12	1.4
Alfa 164 3.0 LS						01.94- 01.95	112308#	12	1.4
Alfatta 2.0 Sport	116	01.75- 01.77	110887	14	45	01.75- 01.77	111104	12	0.9
Alfatta 2.0 GT	116	01.75- 01.77	110887	14	45	01.75- 01.77	111104	12	0.9
Berlina 2.0		01.70- 12.77	110887	14	45				
GT 2.0 Veloce		01.72- 01.74	110887	14	45	01.72- 01.74	111104	12	0.9
GTV 6 2.5		01.81- 01.86	111153	14	55				
Milano 2.5 Gold		01.87- 01.89	111153	14	55				
Milano 2.5 Platinum		01.87- 01.88	111153	14	55				
Milano 2.5 Silver		01.87-	111153	14	55				
Spider 2.0 Graduate		01.85- 01.90	111153	14	55				
Spider 2.0 Quadrifoglio		01.86- 01.90	111153	14	55				
Spider 2.0 Veloce		01.72- 01.90	110887	14	45	01.72- 01.90	111104	12	0.9
		01.86-	111153	14	55				
Sport 2.0		01.78- 01.79	111153	14	55				
		01.78- 01.79	110887	14	45				
Sprint 2.0 Veloce		01.77- 01.79	111153	14	55	01.77- 01.79	111104	12	0.9
		01.77- 01.79	110887	14	45				
<b>PASSENGER CARS AO</b>									
Alfa 147 2.0	[937A1.000]	07.02- 05.05	113942	14	100				
Alfa 156 1.9 JTD	[937A5.000]					03.05	113430	12	1.8
<b>Allis Chalmers</b>									
<b>AGRICULTURE</b>									
310		01.80- 01.90	110639	14	36	01.80- 12.90	110640	12	3.0
340		01.80- 01.85	110639	14	36	01.80- 12.85	110640	12	3.0
350		01.74- 01.89	110639	14	36				
360		01.77- 01.91	110639	14	36	01.77- 01.91	110640	12	3.0
445		01.74- 01.89	110639	14	36	01.74- 01.89	110640	12	3.0
460		01.77- 01.91	110639	14	36	01.77- 01.91	110640	12	3.0
500		01.80- 01.85	110639	14	36	01.80- 01.85	110640	12	3.0
510		01.79- 01.90	110639	14	36	01.79- 01.90	110640	12	3.0
610		01.79- 01.90	110639	14	36	01.79- 01.90	110640	12	3.0
Various Models		01.86- 01.93	111713	14	105	01.74- 12.75	110491	12	1.4
		01.72- 01.82	112260	14	80	01.74- 01.86	112268	12	2.8
		01.75-	110639	14	36	01.84- 01.85	110604	12	2.8
		01.91-	111419	28	55	01.77- 01.97	110640	12	3.0
			113724#	28	30	01.77- 01.83	110813	12	2.7
						01.70- 01.83	110615	12	2.8
Various Models FD 3, 5, 7, 9, 10		10.90-	111419	28	55				
Various Models FL 4, 7, 8, 9, 10, 14, 20		11.70- 07.78	110611	14	44				
		03.86- 01.92	111419	28	55				
		01.73- 06.81	112097	28	30				
Various Models FR 9, 10, 35, 130, 160, 220		01.85-	111419	28	55				
<b>Alpina-BMW</b>									
<b>PASSENGER CARS EU</b>									
Roadster 4.8 V8						06.02-	112553	12	1.7
<b>AM General</b>									
<b>PASSENGER CARS US</b>									
Hummer 5.7 2 Passenger									
Hummer 5.7 4 Passenger									
Hummer 5.7 4 PASSENGER HARD DOO									
Hummer 5.7 4 PASSENGER OPEN TOP									
Hummer 6.2		01.92- 01.94	110500	14	100/105				



Hummer 6.2 2 Passenger	01.92-	01.94	110500	14	100/105				
Hummer 6.2 4 Passenger	01.92-	01.94	110500	14	100/105				
Hummer 6.2 4 PASSENGER OPEN TOP	01.92-	01.94	110500	14	100/105				
Hummer 6.2 OPEN BODY RECRUIT	01.92-	01.93	110500	14	100/105				
Hummer 6.2 Recruit	01.92-	01.94	110500	14	100/105				
Hummer 6.5 4 Passenger	01.97-	01.97	112893	14	140				
Hummer 6.5 4 PASSENGER CANVAS T	01.97-	01.97	112893	14	140				
Hummer 6.5 4 PASSENGER HARD DOO	01.96-	01.97	112893	14	140				
Hummer 6.5 Turbo 2 Passenger	01.96-	01.97	112893	14	140				
Hummer 6.5 Turbo 4 Passenger	01.96-	01.97	112893	14	140				
Hummer 6.5 Turbo 4 PASSENGER CANVAS T	01.97-	01.97	112893	14	140				
Hummer 6.5 Turbo 4 PASSENGER HARD DOO	01.96-	01.97	112893	14	140				
Hummer 6.5 Turbo 4 PASSENGER OPEN TOP	01.96-	01.96	112893	14	140				
<b>American Motors</b>									
<b>PASSENGER CARS US</b>									
Ambassador 3.8	01.70-		110215#	14	90				
	01.70-		110075	14	60				
Ambassador 4.2 DPL	01.71-		110408	14	35				
Ambassador 4.7	01.66-	01.67	110215#	14	90				
	01.66-	01.67	110075	14	60				
Ambassador 4.8						01.67-	01.69	110509	12 1.4
Ambassador 4.8 DPL						01.68-	01.69	110509	12 1.4
Ambassador 4.8 SST						01.68-	01.69	110509	12 1.4
Ambassador 5.0	01.70-		110215#	14	90			110509	12 1.4
	01.70-		110075	14	60				
Ambassador 5.0 Brougham	01.71-	01.74	110215#	14	90	01.71-	01.74	110509	12 1.4
	01.71-	01.74	110075	14	60				
	01.71-	01.74	110408	14	35				
Ambassador 5.0 DPL	01.70-	01.71	110215#	14	90	01.70-	01.71	110509	12 1.4
	01.70-	01.71	110075	14	60				
Ambassador 5.0 SST	01.70-	01.72	110215#	14	90	01.70-	01.72	110509	12 1.4
	01.70-	01.72	110075	14	60				
Ambassador 5.4	01.62-	01.66	110215#	14	90				
	01.62-	01.66	110075	14	60				
Ambassador 5.6						01.67-	01.69	110509	12 1.4
Ambassador 5.6 DPL						01.68-	01.69	110509	12 1.4
Ambassador 5.6 SST						01.68-	01.69	110509	12 1.4
Ambassador 5.9						01.70-		110509	12 1.4
Ambassador 5.9 Brougham	01.71-	01.74	110215#	14	90	01.71-	01.74	110509	12 1.4
	01.71-	01.74	110075	14	60				
	01.71-	01.74	110408	14	35				
Ambassador 5.9 DPL						01.70-	01.71	110509	12 1.4
Ambassador 5.9 SST						01.70-	01.72	110509	12 1.4
Ambassador 6.4						01.68-	01.70	110509	12 1.4
Ambassador 6.4 DPL						01.69-	01.70	110509	12 1.4
Ambassador 6.4 SST						01.68-	01.70	110509	12 1.4
Ambassador 6.6 Brougham	01.71-	01.74	110215#	14	90	01.71-	01.74	110509	12 1.4
	01.71-	01.74	110075	14	60				
	01.71-	01.74	110408	14	35				
Ambassador 6.6 DPL	01.71-		110215#	14	90	01.71-		110509	12 1.4
	01.71-		110408	14	35				
	01.71-		110075	14	60				
Ambassador 6.6 SST	01.71-	01.72	110215#	14	90	01.71-	01.72	110509	12 1.4
	01.71-	01.72	110075	14	60				
	01.71-	01.72	110408	14	35				
American 3.2	01.60-		110505	14	75				
	01.62-	01.66	110215#	14	90				
	01.62-	01.66	110075	14	60				
American 4.8						01.67-	01.67	110509	12 1.4
American 4.8 440						01.68-		110509	12 1.4
American 4.8 Rogue						01.68-		110509	12 1.4
AMX 4.2	01.78-	01.80	110505	14	75	01.78-	01.80	110231	12
AMX 4.8						01.68-	01.69	110509	12 1.4
AMX 5.0	01.72-	01.74	110408	14	35	01.72-	01.74	110509	12 1.4
	01.78-	01.79	110237	14	60	01.78-	01.79	110231	12
AMX 5.6						01.68-	01.69	110509	12 1.4
AMX 5.9	01.71-	01.74	110408	14	35	01.70-	01.74	110509	12 1.4
AMX 6.4						01.68-	01.70	110509	12 1.4
AMX 6.6	01.71-	01.74	110408	14	35	01.71-	01.74	110509	12 1.4
Classic 3.2	01.61-	01.62	110505	14	75				
	01.63-	01.64	110215#	14	90				
	01.63-	01.64	110075	14	60				
Classic 3.3	01.65-	01.66	110215#	14	90				
	01.65-	01.66	110075	14	60				
Concord 2.0	01.78-	01.79	110357	14	55				
Concord 2.5	01.80-	01.82	110505	14	75	01.80-	01.82	110414	12
Concord 2.5 DL	01.80-	01.82	110505	14	75	01.80-	01.82	110414	12
Concord 2.5 Limited	01.80-	01.82	110505	14	75	01.80-	01.82	110414	12
Concord 3.8	01.78-	01.79	110505	14	75	01.78-	01.79	110231	12
Concord 4.2	01.78-	01.83	110505	14	75	01.78-	01.83	110231	12
Concord 4.2 DL	01.80-	01.82	113711#	14	65	01.80-	01.83	110231	12
	01.80-	01.83	110505	14	75				
Concord 4.2 Limited	01.80-	01.82	113711#	14	65	01.80-	01.83	110231	12
	01.80-	01.83	110505	14	75				
Concord 5.0	01.78-	01.79	110237	14	60	01.78-	01.79	110231	12
Eagle 2.5	01.83-	01.84	110508	14	78	01.81-	01.83	110414	12
	01.83-	01.84	110471	14	94				
	01.81-	01.83	110505	14	75				
	01.81-	01.83	110235	14	80				
Eagle 2.5 DL SX4	01.83-		110471	14	94	01.83-		110414	12
	01.83-		110508	14	78				
	01.83-		110505	14	75				
Eagle 2.5 DL-50	01.81-		110505	14	75	01.81-		110414	12
	01.81-		110235	14	80				
Eagle 2.5 DL-50 Kammback	01.82-		110235	14	80	01.82-		110414	12
	01.82-		110505	14	75				
Eagle 2.5 DL-50 SX4	01.81-	01.82	110505	14	75	01.81-	01.82	110414	12
	01.81-	01.82	110235	14	80				
Eagle 2.5 Kammback	01.82-		110505	14	75	01.82-		110414	12
	01.82-		110235	14	80				
Eagle 2.5 Limited	01.83-	01.84	110508	14	78	01.81-	01.83	110414	12
	01.83-	01.84	110471	14	94				
	01.81-	01.83	110235	14	80				
	01.81-	01.83	110505	14	75				
Eagle 2.5 SX4	01.83-		110471	14	94	01.81-	01.83	110414	12
	01.83-		110508	14	78				
	01.81-	01.83	110235	14	80				
	01.81-	01.83	110505	14	75				
Eagle 4.2	01.80-	01.88	110505	14	75	01.80-	01.88	110231	12
Eagle 4.2 DL SX4	01.83-		110233	14	63				
	01.83-		110505	14	75				
	01.83-		110508	14	78				
	01.83-		110471	14	94				
Eagle 4.2 DL-50	01.81-		110505	14	75				
	01.81-		110235	14	80				
Eagle 4.2 DL-50 Kammback	01.82-		110505	14	75				
	01.82-		110235	14	80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**AMERICAN MOTORS** *Continued*

Eagle 4.2 DL-50 SX4	01.81- 01.82	110505	14	75				
	01.81- 01.82	110235	14	80				
Eagle 4.2 Kamback	01.82-	110235	14	80				
	01.82-	110505	14	75				
Eagle 4.2 Limited	01.80- 01.87	110505	14	75	01.80- 01.87	110231	12	
Eagle 4.2 SX4	01.81- 01.83	110505	14	75				
	01.81- 01.83	110235	14	80				
Gremlin 2.0	01.77-	110357	14	55				
Gremlin 2.0 Custom	01.77- 01.78	110357	14	55				
Gremlin 3.8 Custom	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
Gremlin 4.2	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
	01.71- 01.78	110408	14	35				
Gremlin 4.2 Custom	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
Gremlin 5.0	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
Gremlin 5.0 Custom	01.76-	110237	14	60	01.76-	110509	12	1.4
Hornet 3.8 Sportabout	01.71- 01.77	110408	14	35				
Hornet 4.2	01.71- 01.77	110408	14	35	01.76- 01.77	110509	12	1.4
	01.76- 01.77	110505	14	75				
Hornet 4.2 Sportabout	01.71- 01.77	110408	14	35	01.76- 01.77	110509	12	1.4
	01.76- 01.77	110505	14	75				
Hornet 4.2 SST	01.71- 01.72	110408	14	35				
Hornet 5.0					01.70- 01.77	110509	12	1.4
Hornet 5.0 Sportabout	01.71- 01.77	110408	14	35	01.71- 01.77	110509	12	1.4
Hornet 5.0 SST					01.70- 01.72	110509	12	1.4
Hornet 5.9	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4
Hornet 5.9 Sportabout	01.72- 01.74	110408	14	35	01.72- 01.74	110509	12	1.4
Hornet 5.9 SST	01.71- 01.72	110408	14	35	01.71- 01.72	110509	12	1.4
Javelin 4.2	01.71- 01.74	110408	14	35				
Javelin 4.2 SST	01.71- 01.72	110408	14	35				
Javelin 4.8					01.68- 01.69	110509	12	1.4
Javelin 4.8 SST					01.68- 01.69	110509	12	1.4
Javelin 5.0					01.70- 01.74	110509	12	1.4
Javelin 5.0 SST					01.70- 01.72	110509	12	1.4
Javelin 5.6					01.68- 01.69	110509	12	1.4
Javelin 5.6 SST					01.68- 01.69	110509	12	1.4
Javelin 5.9					01.70- 01.74	110509	12	1.4
Javelin 5.9 SST					01.70- 01.72	110509	12	1.4
Javelin 6.4					01.68- 01.70	110509	12	1.4
Javelin 6.4 SST					01.68- 01.70	110509	12	1.4
Javelin 6.6	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4
Javelin 6.6 SST	01.71- 01.72	110408	14	35	01.71- 01.72	110509	12	1.4
Marlin 4.8					01.67- 01.67	110509	12	1.4
Marlin 5.6					01.67- 01.67	110509	12	1.4
Matador 3.8	01.71- 01.74	110408	14	35				
Matador 3.8 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 4.2	01.71- 01.78	110408	14	35				
Matador 4.2 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.0	01.71- 01.77	110408	14	35	01.71- 01.77	110509	12	1.4
Matador 5.0 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.0 X	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.9	01.71- 01.75	110408	14	35	01.71- 01.78	110509	12	1.4
	01.76- 01.78	110237	14	60				
Matador 5.9 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.9 X	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 6.6	01.71- 01.76	110408	14	35	01.71- 01.76	110509	12	1.4
Matador 6.6 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 6.6 X	01.74-	110408	14	35	01.74-	110509	12	1.4
Pacer 3.8	01.75- 01.78	110408	14	35	01.75- 01.78	110509	12	1.4
Pacer 4.2	01.75- 01.79	110408	14	35	01.75- 01.79	110509	12	1.4
	01.76- 01.79	110505	14	75				
Pacer 4.2 DL	01.80-	110505	14	75	01.80-	110231	12	
Pacer 4.2 Limited	01.80-	110505	14	75	01.80-	110231	12	
Pacer 5.0	01.78- 01.79	110237	14	60	01.78- 01.79	110231	12	
Rambler 4.8					01.69-	110509	12	1.4
Rambler 4.8 440					01.69-	110509	12	1.4
Rambler 4.8 Rogue					01.69-	110509	12	1.4
Rebel 4.8					01.67- 01.67	110509	12	1.4
Rebel 4.8 550					01.68- 01.68	110509	12	1.4
Rebel 4.8 770					01.68- 01.68	110509	12	1.4
Rebel 4.8 SST					01.68- 01.69	110509	12	1.4
Rebel 5.0					01.70-	110509	12	1.4
Rebel 5.0 SST					01.70-	110509	12	1.4
Rebel 5.6					01.67- 01.67	110509	12	1.4
Rebel 5.6 550					01.68- 01.68	110509	12	1.4
Rebel 5.6 770					01.68- 01.68	110509	12	1.4
Rebel 5.6 SST					01.68- 01.69	110509	12	1.4
Rebel 5.9					01.70-	110509	12	1.4
Rebel 5.9 SST					01.70-	110509	12	1.4
Rebel 6.4					01.69- 01.70	110509	12	1.4
Spirit 2.0	01.79-	110357	14	55				
Spirit 2.5	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Spirit 2.5 DL	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Spirit 2.5 Limited	01.80-	110505	14	75	01.80-	110414	12	
Spirit 3.8	01.79-	110505	14	75	01.79-	110231	12	
Spirit 4.2	01.79- 01.82	110505	14	75	01.79- 01.82	110231	12	
Spirit 4.2 DL	01.80- 01.83	110505	14	75	01.80- 01.83	110231	12	
Spirit 4.2 GT	01.83-	110233	14	63				
	01.83-	110505	14	75				
	01.83-	110508	14	78				
	01.83-	110471	14	94				
Spirit 4.2 Limited	01.80-	110505	14	75	01.80-	110231	12	
Spirit 5.0	01.79-	110357	14	55	01.79-	110231	12	
Various Models					01.80-	110414	12	
					01.84- 01.88	110232#	12	
					01.67- 01.77	110509	12	1.4
					01.68- 01.70	112897	12	1.7
<b>Arctic Cat</b>								
<b>MOTORBIKES</b>								
Arctic Cat 700 0.7	[Lombadini]	114411	14	40				
<b>Arona</b>								
<b>MARINE</b>								
Various Models	[AD...]	111662	14	33	02.78- 12.88	113268	12	1.6
					02.78-	112034	12	1.7
					07.76- 12.88	112172	12	1.6
<b>Asia Motors</b>								
<b>PASSENGER CARS EU</b>								
Rocsta 2.2 Diesel 4x4	[R2]				06.93-	110389	12	2.2
<b>Astra</b>								
<b>INDUSTRY</b>								
BM20M Dumper	01.77- 12.85	112097	28	30				
BM25 Dumper	01.78- 01.82	112097	28	30				
BM304 Dumper	01.82- 01.89	112097	28	30				
MR Dumper	01.77- 12.85	112097	28	30				



Atlas Copco											
MISC.											
PR 425 8.5	[F6L413]	04.80- 12.86	110766	28	27			02.72- 12.86	114437	24	5.4
ST 35 2.8	[F3L912]							01.73- 12.86	110536	12	2.7
ST 48 3.8	[F4L912]							02.73- 12.86	110536	12	2.7
ST 71 5.6	[F6L912]							02.73- 12.86	113467	12	3.7
ST 95 5.6	[BF6L912]							03.73- 12.86	113467	12	3.7
STS 35 2.8	[F3L912]							02.73- 12.86	110536	12	2.7
STS 48 3.8	[F4L912]							02.73- 12.86	110536	12	2.7
STS 71 5.6	[F6L912]							02.73- 12.86	113467	12	3.7
STS 95 5.6	[BF6L912]							02.73- 12.86	113467	12	3.7
Various Models			110801	28	45			01.75-	110615	12	2.8
			113724#	28	30				113269	12	3.0
								01.75-	110460	12	2.8
								01.75-	111737	12	2.8
								08.74- 12.84	111004	12	2.4
								08.69- 12.79	113467	12	3.7
								01.95-	113478	12	2.8
								08.78- 12.84	110536	12	2.7
	<b>Audi</b>										
	<b>PASSENGER CARS EU</b>										
50 1.1	[HB]	08.74- 07.78	110360	14	45			07.74- 08.78	110339	12	0.8
	[HC]	08.74- 07.77	110360	14	45			07.74- 08.78	110339	12	0.8
50 1.3	[HH]	08.77- 08.78	110360	14	45			07.74- 08.78	110339	12	0.8
	[HJ]	08.77- 07.78	111083#	14	70						
60 1.5		09.71- 09.73	110726#	14	35			10.68- 09.73	110997	12	0.8
80 1.3	[FZ]	07.78- 01.80	111083#	14	70			05.72- 08.86	110340	12	0.8
		09.78- 07.81	110913	14	70			08.78- 07.81	110339	12	0.8
	[EP]	08.81- 10.83	110357	14	55			08.81- 07.86	110865	12	0.95
		08.81- 07.83	111139	14	75			05.72- 08.86	110340	12	0.8
		08.81- 07.83	111652	14	65			08.78- 07.81	110339	12	0.8
		08.81- 07.83	111653	14	45						
		08.83- 07.85	110919	14	70						
	[FY]	09.78- 07.81	110913	14	70			08.78- 07.81	110339	12	0.8
		09.78- 01.80	111083#	14	70			05.72- 08.86	110340	12	0.8
		01.80- 07.81	110360	14	45						
	[FZ]	09.78- 07.81	110360	14	45						
	[ZA]	05.72- 07.76	110357	14	55			08.78- 07.81	110339	12	0.8
		05.72- 07.76	110726#	14	35			05.72- 08.86	110340	12	0.8
	[ZF]	05.72- 07.76	110357	14	55			08.78- 07.81	110339	12	0.8
		05.72- 07.76	110726#	14	35			05.72- 08.86	110340	12	0.8
80 1.4	[SE]							08.86- 08.91	112321	12	1.1
		08.87- 08.91	112149	14	65						
		08.87- 08.91	111539#	14	70						
80 1.5	[YJ]	05.72- 08.75	110357	14	55			05.72- 08.86	110340	12	0.8
		05.72- 08.75	110726#	14	35						
	[ZB]	05.72- 08.75	110357	14	55			05.72- 08.86	110340	12	0.8
		05.72- 08.75	110726#	14	35						
	[ZC]	05.72- 07.76	110357	14	55			05.72- 08.86	110340	12	0.8
		05.72- 07.76	110726#	14	35						
80 1.6	[YT]							09.78- 07.79	110340	12	0.8
	[YY]	02.79- 07.81	110990#	14	90			02.79- 07.81	110340	12	0.8
	[WV]	08.78- 07.86	111652	14	65			05.72- 08.86	110340	12	0.8
	[YN]	09.75- 07.76	110726#	14	35			05.72- 08.86	110340	12	0.8
	[ABB]	08.90- 10.91	111094	14	65			08.90- 10.91	112321	12	1.1
	[ABB]							AT 08.90- 10.91	110865	12	0.95
	[ABM]							01.92- 01.96	112321	12	1.1
			09.91- 01.92	112149	14	65					
			01.92- 01.96	112712	14	90					
		Chas. 8C-P-000001-	01.92- 01.96	112712	14	90					
	[DT]	08.83- 07.85	110919	14	70			05.72- 08.86	110340	12	0.8
		08.85- 07.86	112149	14	65						
	[PP]	08.87- 09.91	112149	14	65			08.87- 08.91	112321	12	1.1
	[RN]	09.86- 08.91	112149	14	65			09.86- 08.91	112321	12	1.1
	[SA]							02.86- 07.86	110340	12	0.8
		02.86- 07.86	112149	14	65						
		AC 02.86- 07.86	110990#	14	90						
	[WV]	08.80- 07.83	111653	14	45			08.81- 07.83	110865	12	0.95
		08.81- 07.83	110357	14	55						
	[YN]	09.75- 07.83	110357	14	55						
		08.78- 07.80	110911	14	55						
		08.78- 07.86	111652	14	65						
		08.78- 07.81	110990#	14	90						
		08.80- 07.83	111653	14	45						
		AC									
		AC 08.78- 07.80	111139	14	75						
	[YP]	09.75- 02.83	110357	14	55			09.75- 02.83	110340	12	0.8
		09.75- 07.76	110726#	14	35						
		08.78- 07.80	110911	14	55						
		08.78- 07.80	110990#	14	90						
		08.80- 02.83	111139	14	75						
		08.80- 02.83	111652	14	65						
		08.80- 02.83	111653	14	45						
		AC									
		AC 08.78- 07.80	111139	14	75						
	[YT]	09.78- 07.79	110911	14	55						
	[YY]	09.78- 07.79	110911	14	55						
		02.79- 07.81	111652	14	65						
80 1.6 E	[ADA]	06.93- 01.96	112712	14	90			06.93- 01.96	112321	12	1.1
80 1.6 GLE	[YZ]	01.79- 07.80	110911	14	55			01.79- 06.82	110340	12	0.8
		01.79- 06.82	110990#	14	90						
		08.80- 06.82	110357	14	55						
		08.80- 06.82	111139	14	75						
		08.80- 06.82	111652	14	65						
		AC									
		AC 01.79- 07.80	111139	14	75						
80 1.6 GT	[XX]	09.73- 05.75	110357	14	55			09.73- 05.75	110340	12	0.8
		09.73- 05.75	110726#	14	35						
80 1.6 GTE	[YS]	01.76- 07.76	110357	14	55			01.76- 07.76	110340	12	0.8
		01.76- 07.76	111139	14	75						
		01.76- 07.76	110726#	14	35						
80 1.6 Diesel	[CR]	08.80- 07.85	110767	14	45			04.90- 08.91	111694	12	1.8
								08.80- 08.86	110861		
								08.80- 08.86	110994	12	1.7
								08.80- 08.86	110861		
								04.90- 08.91	111694	12	1.8
	[JK]	08.82- 07.85	110767	14	45			08.80- 08.86	110861		
		08.85- 08.91	111094	14	65			04.90- 08.91	111694	12	1.8
		08.85- 08.86	112735	14	45			08.80- 08.86	110994	12	1.7
		09.86- 08.91	112729	14	90						

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

80 1.6 TD	[CY]	08.81- 07.85	110767	14	45	08.81- 05.86	110994	12	1.7	
		08.81- 07.84	111653	14	45	08.81- 05.86	110861			
		08.84- 05.86	112735	14	45	04.90- 08.91	111694	12	1.8	
		08.85- 05.86	111094	14	65					
		AC 08.81- 07.84	111139	14	75					
	AC 08.81- 07.84	110990#	14	90						
	[RA]	09.86- 08.91	111094	14	65	09.86- 08.91	111694	12	1.8	
		09.86- 08.91	112729	14	90					
		AC 09.86- 08.91	112729	14	90					
	[SB]	09.86- 08.91	111094	14	65	04.90- 08.91	111694	12	1.8	
09.86- 08.91		112729	14	90						
AC 09.86- 08.91		112729	14	90						
80 1.8	[DS]	01.83- 07.83	110357	14	55	01.83- 08.86	110865	12	0.95	
		01.83- 07.83	111139	14	75					
		01.83- 07.83	111652	14	65					
		08.83- 07.85	110919	14	70					
		08.85- 08.86	112149	14	65					
	AC 08.85- 08.86	110990#	14	90						
	[JN]	08.83- 07.85	110919	14	70	01.83- 08.86	110865	12	0.95	
		08.85- 08.86	112149	14	65					
	AC 08.85- 08.86	110990#	14	90						
	[RU]	10.86- 01.90	112149	14	65	AT 10.86- 01.90	110865	12	0.95	
						10.86- 01.90	110850			
	[SD]	09.87- 07.88	112149	14	65	09.87- 07.88	110850			
	[SF]	02.86- 07.86	112149	14	65	02.86- 07.86	110865	12	0.95	
		AC 02.86- 07.86	110990#	14	90					
80 1.8 Quattro	[JN]	08.85- 07.88	112149	14	65	08.84- 08.86	110865	12	0.95	
		08.84- 07.85	110919	14	70	09.86- 07.88	110850			
	08.85- 07.88	112149	14	65	08.84- 08.86	110865	12	0.95		
	[SD]	09.86- 10.91	112149	14	65	09.86- 08.91	110850			
		09.86- 10.91	111539#	14	70					
[SF]	09.86- 07.90	112149	14	65	09.86- 07.90	110850				
80 1.8 E	[DZ]	06.86- 08.91	112149	14	65	06.86- 08.86	110865	12	0.95	
80 1.8 E Quattro	[DZ]	09.86- 08.91	112149	14	65	09.86- 08.91	110850			
80 1.8 GTE	[DZ]	10.84- 07.85	110919	14	70	01.83- 08.86	110865	12	0.95	
		08.85- 08.86	112149	14	65					
	[PV]	03.85- 08.86	112149	14	65	08.85- 08.86	110865	12	0.95	
80 1.8 GTE Quattro	[DZ]	08.84- 07.85	110919	14	70	01.83- 08.86	110865	12	0.95	
		08.85- 08.86	112149	14	65	09.86- 08.91	110850			
	[PV]	03.85- 08.86	112149	14	65	08.84- 08.86	110865	12	0.95	
80 1.8 S	[JN]	09.86- 10.91	112149	14	65	09.86- 08.91	110850			
		09.86- 10.91	112149	14	65	09.86- 08.91	110850			
	[PM]	09.86- 10.91	112149	14	65	AT 09.86- 10.91	110865	12	0.95	
		09.86- 10.91	112149	14	65	09.86- 08.91	110850			
	[SF]	09.86- 08.91	112149	14	65	09.86- 08.91	110850			
80 1.8 S Quattro	[JN]	09.86- 09.91	112149	14	65	09.86- 09.91	110850			
		09.86- 07.88	112149	14	65	09.86- 07.88	110850			
	[PM]	08.90- 09.91	112149	14	65	08.90- 09.91	110850			
80 1.9	[WN]	09.81- 07.83	110357	14	55	09.82- 07.83	111010	12	1.4	
		09.81- 07.83	111139	14	75	09.81- 07.83	110824	12	1.1	
		09.81- 07.83	110990#	14	90					
80 1.9 Diesel	[1Y]	08.89- 08.91	111094	14	65	04.90- 01.96	111694	12	1.8	
80 1.9 TD	[AAZ]	09.91- 01.96	112802#	14	70	09.91- 01.96	111694	12	1.8	
80 1.9 TDI	[1Z]	09.91- 01.96	111676	14	90	09.91- 01.96	111694	12	1.8	
80 2.0	[ABK]	09.91- 07.92	111154	14	65	09.91- 01.96	112321	12	1.1	
		09.91- 07.92	112149	14	65					
		09.91- 08.92	112798	14	90					
		07.92- 01.96	112712	14	90					
	[ABT]	09.91- 07.92	112149	14	65	09.91- 01.96	112321	12	1.1	
		01.92- 01.96	112712	14	90					
	[HP]	10.83- 09.84	110919	14	70	10.83- 09.84	111010	12	1.4	
	[JS]	AC 10.83- 09.84	110990#	14	90	▲	10.83- 09.84	111010	12	1.4
		10.83- 09.84	110919	14	70					
	[AAD]	AC 10.83- 09.84	110990#	14	90	▲				
		08.88- 12.91	112149	14	65	AT 10.90- 08.91	110865	12	0.95	
	08.88- 12.91	111539#	14	70	10.90- 08.91	110850				
80 2.0 Quattro	[3A]	10.90- 08.91	112149	14	65	10.90- 08.91	110850			
	[ABK]	09.91- 10.91	112149	14	65	09.91- 01.96	112321	12	1.1	
		10.91- 09.92	112798	14	90					
		09.92- 12.94	112712	14	90					
	[JS]	08.83- 07.84	110919	14	70	10.83- 07.84	111010	12	1.4	
[AAD]	AC 08.83- 09.84	110990#	14	90	10.90- 08.91	110850				
80 2.0 16V	[ACE]	10.90- 08.91	112149	14	65					
		02.93- 01.96	112798	14	90	08.92- 01.96	112321	12	1.1	
		Chas. 8C-N-011594-08.92- 01.96	112798	14	90					
80 2.0 16V Quattro	[ACE]	08.92- 01.96	112798	14	90	04.92- 01.96	112321	12	1.1	
80 2.0 E 16V	[6A]	02.92- 07.92	112712	14	90	03.90- 08.91	110850			
80 2.0 E 16V Quattro	[6A]					03.90- 08.91	110850			
						09.91- 07.92	112321	12	1.1	
80 2.0 E	[3A]	08.88- 09.91	112149	14	65	AT 08.88- 10.90	110865	12	0.95	
		10.90- 09.91	111539#	14	70	08.88- 10.90	110850			
80 2.0 E Quattro	[3A]	08.88- 09.90	112149	14	65	08.88- 09.90	110850			





80 2.2	[WE]	10.80- 07.81	110911	14	55	10.80- 08.83	110824	12	1.1
		10.80- 07.81	111139	14	75	10.80- 08.83	111010	12	1.4
		10.80- 07.81	110990#	14	90				
		08.81- 08.83	111652	14	65				
80 2.2 Quattro	[KK]	08.82- 07.84	110990#	14	90	08.82- 07.84	111010	12	1.4
		AC 08.82- 07.84	110990#	14	90	08.82- 07.84	111010	12	1.4
80 2.2 S2 Quattro	[ABY]	02.93- 05.95	113867	14	120	02.93- 01.96	111010	12	1.4
80 2.2 RS2 Quattro	[ADU]	03.94- 05.95	113867	14	120	03.94- 01.96	111010	12	1.4
80 2.3	[NG]	09.91- 01.96	112750	14	90	09.91- 01.96	111010	12	1.4
		09.91- 01.96	112777	14	115				
80 2.3 Quattro	[NG]	09.91- 12.94	112750	14	90	09.91- 01.96	111010	12	1.4
		09.91- 12.94	112777	14	115				
80 2.6	[ABC]	07.92- 01.96	112806	14	120	07.92- 01.96	112309	12	1.4
80 2.6 Quattro	[ABC]	06.92- 05.95	112806	14	120	08.92- 01.96	112309	12	1.4
80 2.8	[AAH]	09.91- 01.96	112806	14	120	09.91- 01.96	112309	12	1.4
80 2.8 Quattro	[AAH]	09.91- 05.95	112806	14	120	09.91- 01.96	112309	12	1.4
90 1.6 TD	[CV]	10.84- 07.85	110767	14	45	10.84- 01.87	110861		
		08.85- 01.87	111094	14	65	10.84- 01.87	110994	12	1.7
		08.85- 01.87	112729	14	90				
		08.85- 01.87	112735	14	45				
	AC 08.85- 01.87	110990#	14	90					
	[RA]	04.87- 03.90	111094	14	65	04.87- 09.91	111694	12	1.8
	[SB]	04.87- 03.90	112729	14	90				
90 1.8 Super	[ZD]	04.89- 09.91	111094	14	65	03.90- 09.91	111694	12	1.8
90 2.0	[HP]	04.89- 09.91	112729	14	90				
90 2.0	[JS]	08.85- 03.87	111539#	14	70				
		AC 10.84- 11.85	110990#	14	90				
		AC							
	[PS]	08.85- 03.87	111539#	14	70				
		AC 10.84- 11.85	110990#	14	90				
		AC							
	[SK]					AT 09.87- 10.90	110865	12	0.95
						09.87- 10.90	110850		
						02.86- 03.87	111010	12	1.4
	90 2.0 20V	[NM]	03.86- 03.87	111539#	14	70			
90 2.0 20V Quattro	[NM]	08.89- 07.91	112750	14	90	08.89- 07.91	111010	12	1.4
	[NM]	08.88- 09.91	112777	14	115	08.88- 09.91	111010	12	1.4
	[NM]	08.88- 09.91	112750	14	90				
90 2.2	[KV]	08.85- 03.87	111539#	14	70				
		AC 10.84- 11.85	110990#	14	90				
		AC							
	[KX]	08.85- 03.87	111539#	14	70				
		AC 10.84- 11.85	110990#	14	90				
		AC							
90 2.2 E	[KV]								
		05.87- 07.91	112750	14	90	04.87- 07.91	111010	12	1.4
		AC 04.87- 07.91	112777	14	115				
		AC							
90 2.2 E Quattro	[JT]	08.85- 03.87	111539#	14	70				
		AC 10.84- 11.85	110990#	14	90				
	[KV]					10.84- 03.87	111010	12	1.4
		04.87- 09.91	112777	14	115				
		05.87- 09.91	112750	14	90				
		AC 11.84- 11.85	110990#	14	90				
		AC							
90 2.3 E 20V	[7A]	08.88- 07.91	112750	14	90	08.88- 07.91	111010	12	1.4
		AC 08.88- 07.91	112777	14	115				
90 2.3 E 20V Quattro	[7A]	06.88- 09.91	112750	14	90	06.88- 09.91	111010	12	1.4
		AC 06.88- 09.91	112777	14	115				
90 2.3 E	[NG]	04.87- 07.91	112750	14	90	04.87- 07.91	111010	12	1.4
		03.90- 07.91	112777	14	115				
		AC 04.87- 07.91	112777	14	115				
90 2.3 E Quattro	[NG]	04.87- 09.91	112750	14	90	04.87- 09.91	111010	12	1.4
		AC 04.87- 09.91	112777	14	115				
100 1.6	[YM]	01.75- 07.76	110357	14	55	01.75- 07.76	110340	12	0.8
		01.75- 07.76	110726#	14	35				
	[YV]	08.76- 02.83	110357	14	55	08.76- 07.82	110340	12	0.8
		08.76- 02.83	111652	14	65				
		08.76- 02.83	111653	14	45				
		AC 08.76- 02.83	110990#	14	90				
100 1.8	[4B]	01.88- 11.90	112149	14	65	01.88- 11.90	110850		
	[DR]	08.82- 05.83	110357	14	55	08.82- 10.86	110865	12	0.95
			08.82- 05.83	111652	14	65			
			06.83- 10.86	110919	14	70			
	[DS]	05.83- 07.89	110919	14	70	05.83- 07.87	110865	12	0.95
						08.87- 07.89	110850		
			AC 08.85- 08.86	110990#	14	90			
	[JW]	03.83- 07.89	110919	14	70	08.87- 07.89	110850		
						03.83- 07.87	110865	12	0.95
	[NP]	04.85- 07.89	110919	14	70	04.85- 07.87	110865	12	0.95
						08.87- 11.90	110850		
	[PH]	01.88- 11.90	112149	14	65	04.85- 07.87	110865	12	0.95
						07.87- 11.90	110850		
[RS]	11.86- 08.87	112149	14	65	11.86- 08.87	110865	12	0.95	
[SH]					08.86- 07.87	110865	12	0.95	
					08.87- 07.90	110850			
[ZU]	09.71- 07.74	110357	14	55	A13 09.71- 07.74	110824	12	1.1	
		09.71- 07.74	110726#	14	35	09.71- 07.74	110997	12	0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

100 1.8 Quattro	[4B]					01.88- 12.90	110850		
		01.88- 12.90	112149	14	65				
	[JW]	04.85- 12.87	110919	14	70	04.85- 07.87	110865	12	0.95
						04.85- 12.87	110850		
	[NP]	08.85- 12.90	110919	14	70	08.87- 12.90	110850		
						08.85- 07.88	110865	12	0.95
		01.88- 12.90	112149	14	65				
	[PH]	04.85- 07.88	110919	14	70	08.87- 12.90	110850		
						04.85- 07.88	110865	12	0.95
	[SH]	08.88- 12.90	112149	14	65	02.86- 07.87	110865	12	0.95
		08.86- 07.90	112149	14	65	08.87- 07.90	110850		
	[ZZ]	10.70- 07.76	110357	14	55	09.71- 07.76	110997	12	0.8
100 1.8 LS		10.70- 07.76	110726#	14	35	A13 01.75- 07.76	110824	12	1.1
100 1.9	[WH]	08.80- 07.81	110911	14	55	08.80- 07.84	110824	12	1.1
						08.82- 07.84	111010	12	1.4
		08.80- 07.81	111139	14	75				
		08.80- 12.82	110990#	14	90				
		08.81- 05.83	110357	14	55				
		08.81- 05.83	111652	14	65				
		06.83- 07.84	110919	14	70				
	[ZJ]	08.71- 07.76	110357	14	55	08.71- 07.76	110997	12	0.8
						A13 08.71- 07.76	110824	12	1.1
		07.70- 07.71	110357	14	55				
100 1.9 GL	[ZJ]	09.71- 07.76	110357	14	55	A13 01.75- 07.76	110824	12	1.1
					09.71- 07.76	110997	12	0.8	
100 2.0	[ABK]	08.92- 06.94	112712	14	90	08.92- 07.94	112321	12	1.1
	[KP]					08.84- 10.87	111010	12	1.4
	[RT]					01.88- 11.90	111010	12	1.4
	[SL]					08.86- 10.87	111010	12	1.4
	[WA]	06.76- 07.80	110911	14	55	AT 08.76- 07.78	110824	12	1.1
						08.76- 04.77	110997	12	0.8
	[AAD]					12.90- 07.91	110850		
		12.90- 07.91	112149	14	65	08.91- 01.93	112321	12	1.1
		12.90- 07.91	111539#	14	70				
		07.91- 12.92	112798	14	90				
		09.91- 01.93	112712	14	90				
		12.90- 06.94	112149	14	65	08.91- 07.94	112321	12	1.1
	08.91- 07.92	112798	14	90	12.90- 07.91	110850			
	09.91- 06.94	112712	14	90					
100 2.0 Quattro	[AAD]					12.90- 07.91	110850		
						08.91- 07.92	112321	12	1.1
100 2.0 16V	[ACE]	01.92- 06.94	112712	14	90	01.92- 06.94	112321	12	1.1
100 2.0 16V Quattro	[ACE]	07.92- 06.94	112798	14	90	07.92- 06.94	112321	12	1.1
100 2.0 E 16V	[ACE]	07.92- 06.94	112798	14	90	07.92- 06.94	112321	12	1.1
100 2.0 E 16V Quattro	[ACE]					07.92- 06.94	112321	12	1.1
100 2.0 E	[KP]					08.84- 10.87	111010	12	1.4
	[RT]					01.88- 11.90	111010	12	1.4
100 2.0 Diesel	[CN]					08.78- 07.85	111112	12	2.0
		08.78- 11.90	111094	14	65	08.85- 07.89	112537	12	2.2
		08.78- 07.88	110990#	14	90				
		08.83- 07.85	111652	14	65				
		08.83- 11.90	112729	14	90				
		08.85- 07.88	112149	14	65				
100 2.0 TD	[DE]	08.82- 07.85	111652	14	65	11.81- 07.85	111112	12	2.0
		08.82- 02.88	112729	14	90	08.85- 10.87	112537	12	2.2
		08.85- 02.88	111094	14	65				
	[NC]	03.88- 11.90	111094	14	65	03.88- 11.90	112537	12	2.2
	03.88- 11.90	112729	14	90					
100 2.1	[KF]	08.82- 05.83	110357	14	55	08.82- 07.84	111010	12	1.4
		08.82- 05.83	111652	14	65				
	[WB]	10.77- 07.81	110911	14	55	01.78- 07.82	110824	12	1.1
		10.77- 07.81	111139	14	75				
		10.77- 07.82	110990#	14	90				
		08.81- 07.82	110357	14	55				
		08.81- 07.82	111652	14	65				
	[WC]	03.77- 07.81	110911	14	55	04.77- 07.82	110824	12	1.1
						08.82- 07.84	111010	12	1.4
		03.77- 07.81	111139	14	75				
		03.77- 07.82	110990#	14	90				
		08.81- 05.83	110357	14	55				
		08.81- 05.83	111652	14	65				
	[WE]	10.77- 07.81	110911	14	55	10.77- 07.82	111010	12	1.4
						01.78- 07.82	110824	12	1.1
		10.77- 07.81	111139	14	75				
		10.77- 07.82	110990#	14	90				
		08.81- 07.82	110357	14	55				
	08.81- 07.82	111652	14	65					
[WG]	03.77- 07.81	110911	14	55	03.77- 07.82	111010	12	1.4	
	03.77- 07.81	111139	14	75					
	03.77- 07.82	110990#	14	90					
	08.81- 07.82	110357	14	55					
	08.81- 07.82	111652	14	65					
100 2.2	[KF]	08.82- 05.83	110357	14	55	08.82- 07.84	111010	12	1.4
	[WU]					08.82- 07.84	111010	12	1.4
	[KF]								
		08.82- 05.83	111652	14	65				
	[KU]	08.84- 12.90	112777	14	115	08.84- 11.90	111010	12	1.4
	[KZ]	AC 10.84- 03.85	110990#	14	90	10.84- 09.86	111010	12	1.4
	[WB]	07.77- 07.81	110911	14	55	01.78- 07.82	110824	12	1.1
		07.77- 07.82	111139	14	75				
		07.77- 07.82	110990#	14	90				
		08.81- 07.82	110357	14	55				
		08.81- 07.82	111652	14	65				
		AC 07.77- 07.82	111139	14	75				
	[WC]	07.77- 07.81	110911	14	55	04.77- 07.82	110824	12	1.1
		07.77- 07.81	111139	14	75				
	07.77- 02.83	110990#	14	90					
	08.81- 02.83	110357	14	55					
	08.81- 02.83	111652	14	65					
[WE]	07.77- 07.81	110911	14	55	01.78- 07.82	110824	12	1.1	
	07.77- 07.82	111139	14	75					
	07.77- 07.82	110990#	14	90					
	08.81- 07.82	110357	14	55					



		08.81- 07.82	111652	14	65				
		AC 07.77- 07.82	111139	14	75				
	[WG]	07.77- 07.80	110911	14	55	04.77- 07.82	110824	12	1.1
		07.77- 07.80	111139	14	75				
100 2.2 Quattro	[KU]					08.84- 11.90	111010	12	1.4
100 2.2 E Turbo Quattro	[MC]					03.86- 11.90	111010	12	1.4
		08.88- 11.90	112777	14	115				
		01.89- 11.90	112750	14	90				
100 2.2 E Quattro	[PX]					08.85- 07.86	111010	12	1.4
100 2.2 Turbo	[MC]					04.86- 11.90	112537	12	2.2
		08.88- 11.90	112777	14	115	04.86- 11.90	111010	12	1.4
		01.89- 11.90	112750	14	90				
100 2.2 Turbo Quattro	[MC]					03.86- 11.90	111010	12	1.4
		08.88- 11.90	112777	14	115				
100 2.3	[NF]					10.86- 11.90	111010	12	1.4
		10.86- 11.90	112777	14	115				
		07.87- 11.90	112750	14	90				
	[AAR]					12.90- 07.94	111010	12	1.4
		03.90- 06.94	112750	14	90				
		03.90- 07.91	112777	14	115				
		12.90- 06.94	112806	14	120				
100 2.3 Quattro	[AAR]					12.90- 07.94	111010	12	1.4
		01.90- 06.94	112750	14	90				
		01.90- 11.90	112777	14	115				
		12.90- 06.94	112806	14	120				
100 2.3 E	[NF]					10.86- 11.90	111010	12	1.4
		10.86- 11.90	112777	14	115				
		07.87- 11.90	112750	14	90				
	[AAR]					12.90- 07.94	111010	12	1.4
		01.90- 11.90	112750	14	90				
		01.90- 11.90	112777	14	115				
100 2.3 E Quattro	[NF]					08.86- 11.90	111010	12	1.4
		08.86- 11.90	112750	14	90				
		08.86- 11.90	112777	14	115				
100 2.4 Diesel	[3D]					08.89- 11.90	112537	12	2.2
	[AAS]					05.91- 06.94	112750	14	90
		05.91- 06.94	112750	14	90	05.91- 07.94	112537	12	2.2
100 2.5 TDI	[1T]					01.90- 11.90	112537	12	2.2
		01.90- 11.90	112750	14	90				
		01.90- 11.90	112777	14	115				
	[ABP]					06.91- 06.94	112777	14	115
	[AAT]					12.90- 06.94	113758	14	120
		06.91- 06.94	112777	14	115	06.91- 07.94	112537	12	2.2
100 2.6	[ABC]					03.92- 06.94	112806	14	120
	[ACZ]					07.93- 02.96	112806	14	120
100 2.6 Quattro	[ABC]					04.92- 06.94	112806	14	120
100 2.8 E	[AAH]					12.90- 06.94	112806	14	120
100 2.8 E Quattro	[AAH]					12.90- 06.94	112806	14	120
100 4.2 V8 S4 Quattro	[ABH]					10.92- 06.94	112777	14	115
	[AEC]					10.92- 07.94	112777	14	115
200 2.1 E	[WC]					08.83- 07.84	111010	12	1.4
200 2.1 Turbo	[KG]					08.83- 01.88	111010	12	1.4
		AT 08.85- 01.88	112729	14	90				
200 2.1 Turbo Quattro	[KG]					11.84- 12.87	111010	12	1.4
200 2.2	[KU]					08.84- 07.85	111010	12	1.4
200 2.2 E	[WC]					10.79- 09.82	110824	12	1.1
200 2.2 Turbo 20V Quattro	[3B]					03.89- 12.90	111010	12	1.4
		10.79- 07.81	111139	14	75				
		03.89- 12.90	112750	14	90				
		03.89- 12.90	112777	14	115				
200 2.2 Turbo	[1B]					02.88- 12.91	111010	12	1.4
		08.88- 12.91	112729	14	90				
		08.88- 12.91	112750	14	90				
		08.88- 12.91	112777	14	115				
	[2B]					02.88- 12.91	112729	14	90
		08.88- 12.91	112750	14	90				
		08.88- 12.91	112777	14	115				
	[MC]					08.85- 12.91	111010	12	1.4
		03.88- 12.91	112750	14	90				
		03.88- 12.91	112777	14	115				
		AT							
	[WJ]					10.79- 08.82	110824	12	1.1
		09.79- 07.81	110911	14	55				
		10.79- 07.81	111139	14	75				
		10.79- 08.82	110990#	14	90				
		08.81- 12.82	110357	14	55				
		AC 10.79- 08.82	110990#	14	90				
200 2.2 Turbo Quattro	[1B]					02.88- 11.90	111010	12	1.4
		08.88- 11.90	112750	14	90				
		08.88- 11.90	112777	14	115				
	[MC]					01.85- 12.90	111010	12	1.4
		01.85- 08.88	112729	14	90				
		08.88- 12.91	112777	14	115				
		01.89- 12.91	112750	14	90				
200 2.3	[NF]					11.86- 09.91	111010	12	1.4
		11.86- 09.91	112777	14	115				
A1 1.2 TFSi Sportback	[CBZA]					01.12-	114034	12	1.0
A1 1.4 TFSi Sportback	[CAXA]					11.11-	114163	12	1.1
	[CNVA]					11.11-	114163	12	1.1
A1 1.6 TDI Sportback	[CAYB]					11.11-	114299	12	1.7
	[CAYC]					11.11-	114299	12	1.7
A1 2.0 TDI	[CFHD]					09.11-	113992	14	140
A1 2.0 TDI Sportback	[CFHB]					05.12-	113841	12	1.7
A2 1.2 TDI	[ANY]					02.00-	112433	12	1.8
		03.01- 08.05	113840#	14	90				
A2 1.4	[AUA]					06.00-	112435	12	1.1
		02.00- 08.05	113887	14	90				
		Chas. -8Z-1070000							
		AC 02.00-	111989	14	90				
	[BBY]					06.00-	112435	12	1.1
		02.00- 08.05	113887	14	90				
		AC 11.01-	111989	14	90				
A2 1.4 TDI	[AMF]					02.00-	111900	12	1.8
	[ATL]					11.03-	111900	12	1.8
	[BHC]					02.00-	111900	12	1.8
		02.00-	113275	14	120				
A2 1.6 FSI	[BAD]					01.02- 08.05	113515	12	0.9
A3 1.2 TSI	[CBZB]					03.10-	114175	12	1.1
A3 1.2 TSI Sportback	[CBZB]					04.10-	114175	12	1.1
A3 1.4 TFSi	[CAXC]					09.07-	114163	12	1.1
A3 1.6	[AVU]					08.00-	111909	12	1.1
	[BFO]					08.00- 04.02	111909	12	1.1
	[AEH]					09.96- 06.98	111748	12	1.1
		09.96- 04.98	111820	14	90	AT 07.98-	111909	12	1.1
		09.96- 04.98	111878	14	70				
		09.96-	111733#	14	120				
		09.96- 05.98	111857#	14	120				
		05.98- 06.01	112002	14	120				
		05.98-	112075	14	70				
		AC 05.98-	111989	14	90				
	[AKL]					08.97- 06.98	111748	12	1.1
		08.97- 04.98	111820	14	90	08.97- 06.01	112005	12	1.1
		08.97- 04.98	111878	14	70				
		08.97- 04.98	111857#	14	120	AT 07.98-	111909	12	1.1
		05.98-	112075	14	70				
		05.99- 06.01	112002	14	120				
		AC 05.98-	111989	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





AUDI Continued

Application list

	[APF]	08.98-08.00	112002	14	120		AT 06.99-	111909	12	1.1
		06.99-	112075	14	70					
		AC 06.99-	111989	14	90					
	[BFQ]	08.00-04.02	111989	14	90					
		08.00-04.02	112002	14	120					
	[BGU]	05.03-	113992	14	140		05.03-	113773	12	1.1
	[BSE]	06.05-	113992	14	140					
A3 1.6 Sportback	[BSF]	06.05-	113992	14	140					
	[BGU]	09.04-	113992	14	140		AT 09.04-	113773	12	1.1
	[BSE]	06.05-	113992	14	140					
	[BSF]	06.05-	113992	14	140					
	[CCSA]	07.08-	113992	14	140	MI				
	[CMXA]	05.10-	113992	14	140					
A3 1.6 FSI	[BAG]						08.03-	113773	12	1.1
	[BLP]						08.03-	113773	12	1.1
A3 1.6 FSI Sportback	[BLP]						09.04-	113773	12	1.1
A3 1.6 E-Power	[CMXA]	01.11-	113992	14	140		01.11-	114176	12	1.0
A3 1.6 Sportback E-Power	[CMXA]	01.11-	113992	14	140		01.11-	114176	12	1.0
A3 1.6 TDI	[CAYB]	05.09-	113992	14	140					
A3 1.8	[AGN]	09.96-04.98	111820	14	90		09.96-06.98	111749	12	1.1
		09.96-04.98	111878	14	70		AT 09.96-06.98	111748	12	1.1
		09.96-05.98	112399	14	90		07.98-	112005	12	1.1
		09.96-04.98	111857#	14	120		AT 07.98-	111909	12	1.1
		05.98-	112075	14	70					
		AC 05.98-	111989	14	90					
	[APG]	08.98-04.03	112002	14	120		AT 11.99-	111909	12	1.1
		11.99-	112075	14	70		11.99-	112005	12	1.1
		AC 11.99-	111989	14	90					
A3 1.8 TFSI	[BZB]						06.07-01.09	114163	12	1.1
	[CDAA]						07.08-	114163	12	1.1
	[BYT]						11.06-	113773	12	1.1
							11.06-06.07	114163	12	1.1
	[BZB]						11.06-	113773	12	1.1
A3 1.8 TFSI Quattro	[CDAA]						07.08-	114163	12	1.1
A3 1.8 TFSI Sportback	[BYT]						11.06-	113773	12	1.1
							11.06-06.07	114163	12	1.1
	[BZB]						11.06-	113773	12	1.1
							06.07-06.08	114163	12	1.1
	[CDAA]						07.08-	114163	12	1.1
A3 1.8 Turbo 20V	[AGU]	09.96-05.98	111820	14	90		07.98-	112005	12	1.1
		09.96-05.98	111878	14	70		12.96-06.98	111749	12	1.1
		09.96-05.98	111857#	14	120		AT 12.96-06.98	111748	12	1.1
		12.96-	112075	14	70		AT 07.98-	111909	12	1.1
		05.98-	111989	14	90					
		AC 05.98-	111989	14	90					
	[AOA]	08.98-	112075	14	70		08.98-	112005	12	1.1
							AT 12.96-	114308	12	1.4
		AC 08.98-	111989	14	90		AT 08.98-	111909	12	1.1
	[ARZ]	07.99-	112075	14	70		AT 07.99-	111909	12	1.1
		AC 07.99-	111989	14	90		07.99-	112005	12	1.1
	[AUM]	07.99-	112075	14	70		AT 07.99-	111909	12	1.1
		AC 07.99-	111989	14	90		07.99-	112005	12	1.1
A3 1.8 Turbo	[AJO]	05.98-	111989	14	90		08.98-08.00	112005	12	1.1
		05.98-	112075	14	70		AT 08.98-08.00	111909	12	1.1
		08.98-	112002	14	120					
	[APP]	08.98-	111989	14	90		08.98-05.00	112005	12	1.1
		08.98-	112002	14	120		AT 08.98-05.00	111909	12	1.1
		08.98-	112075	14	70					
	[ARY]	05.01-	111989	14	90		09.00-06.01	112005	12	1.1
		05.01-	112002	14	120		AT 09.00-06.01	111909	12	1.1
		05.01-	112075	14	70					
	[AUQ]	05.01-04.02	111989	14	90		SSP 05.00-06.03	112005	12	1.1
		05.01-04.02	112002	14	120		6SP 05.00-06.03	112429	12	2.0
		05.01-04.02	112075	14	70		AT 05.00-06.03	111909	12	1.1
							AT 05.00-06.03	114308	12	1.4
A3 1.8 Turbo Quattro	[AGU]	08.97-05.98	111820	14	90		12.96-06.98	111749	12	1.1
		08.97-05.98	111878	14	70		AT 06.98-08.00	111909	12	1.1
		08.97-05.98	111857#	14	120		AT 12.96-06.98	111748	12	1.1
		05.98-08.00	111989	14	90		06.98-08.00	112005	12	1.1
		05.98-08.00	112002	14	120					
		05.98-08.00	112075	14	70					
	[AJO]	08.98-08.00	111989	14	90		08.98-08.00	112005	12	1.1
		08.98-08.00	112075	14	70		AT 08.98-08.00	111909	12	1.1
	[AOA]	08.98-04.01	111989	14	90		AT 08.98-04.01	111909	12	1.1
		08.98-04.01	112002	14	120		08.98-04.01	112005	12	1.1
		08.98-04.01	112075	14	70					
	[ARX]	10.99-06.03	111820	14	90		AT 10.99-06.03	111909	12	1.1
		10.99-06.03	111878	14	70		6SP 10.99-06.03	112429	12	2.0
		10.99-06.03	111989	14	90		5SP 10.99-06.03	112005	12	1.1
		10.99-06.03	112002	14	120					
		10.99-06.03	112075	14	70					
		10.99-06.03	111857#	14	120					
		10.99-06.03	112543#	14	90					
	[ARY]	09.00-	112002	14	120		09.00-	112005	12	1.1
		05.98-	111989	14	90		09.00-	112429	12	2.0
		05.98-	112075	14	70					
A3 1.9 TDI	[AHF]	08.97-05.98	113341#	14	70		01.97-08.00	111900	12	1.8
		05.98-08.00	112002	14	120		AT 01.97-08.00	112286	12	1.7
	[ASV]	09.99-06.01	112079	14	90		AT 09.99-06.01	112286	12	1.7
		09.99-06.01	113340	14	70		09.99-06.01	111900	12	1.8
	[ASZ]	08.00-06.03	112002	14	120		08.00-06.03	111900	12	1.8
		08.00-06.03	112079	14	90		08.00-06.03	112429	12	2.0
		08.00-06.03	113340	14	70		AT 08.00-06.03	111909	12	1.1
	[AXR]	10.00-	112002	14	120		6SP 10.00-	112429	12	2.0
		10.00-	112079	14	90		Chas.-8L-2045000 10.00-09.01	111900	12	1.8
	[AGR]						AT 09.96-	112286	12	1.7
		09.96-05.98	112543#	14	90		09.96-	111900	12	1.8
		09.96-04.98	113341#	14	70					
		05.98-	112002	14	120					
		05.98-	112079	14	90					
		05.98-	113340	14	70					
	[AHF]	09.96-05.98	111353	14	70					
		09.96-05.98	111820	14	90					
		05.98-08.00	112079	14	90					
		05.98-08.00	113340	14	70					
	[ALH]						AT 08.97-	112286	12	1.7
		08.97-05.98	112543#	14	90		08.97-	111900	12	1.8
		08.97-04.98	113341#	14	70					
		05.98-	112002	14	120					
		05.98-	112079	14	90					
		05.98-	113340	14	70					
	[ASV]	09.99-06.01	112002	14	120					
	[ATD]						Chas.-8L-2045000 10.00-09.01	111900	12	1.8
	[AXR]	10.00-	113340	14	70					
	[BKC]	03.03-	113992	14	140		05.03-	113842	12	1.7
	[BLS]	04.08-	113992	14	140					



A3 1.9 TDI Quattro	[ASZ]	05.00-05.00	112002	14	120			AT 05.00-05.00	111909	12	1.1
	[ASZ]	05.00-05.00	112079	14	90				112429	12	2.0
A3 1.9 TDI Sportback	[BKC]	09.04-09.04	113992	14	140			09.04-	113842	12	1.7
A3 2.0 Sportback	[CDLC]	07.08-07.08	113992	14	140						
A3 2.0 FSI	[AXW]	05.03-05.03	113992	14	140			05.03-05.03	114163	12	1.1
								05.03-03.03	113773	12	1.1
								05.03-03.03	113842	12	1.7
	[BLR]	01.05-10.05	113992	14	140			03.03-05.03	113842	12	1.7
								03.03-05.03	113773	12	1.1
	[BLX]	06.04-12.04	113992	14	140			06.04-12.04	114163	12	1.1
								05.03-03.03	113773	12	1.1
								05.03-03.03	113842	12	1.7
	[BLY]	09.04-10.05	113992	14	140			05.03-05.03	113773	12	1.1
	[BMB]	01.04-08.04	113992	14	140			05.03-05.03	113773	12	1.1
	[BVY]	05.03-05.03	113992	14	140			10.03-05.03	114163	12	1.1
								05.03-05.03	113773	12	1.1
								05.03-05.03	113773	12	1.1
	A3 2.0 FSI Sportback	[BVR]	11.05-11.05	113992	14	140			05.03-01.05	114163	12
[BLR]		01.05-11.05	113992	14	140			01.05-11.05	114163	12	1.1
[BLX]		06.04-01.05	113992	14	140	MI		AT 09.04-	113773	12	1.1
[BLY]		06.04-11.05	113992	14	140			06.04-11.05	114163	12	1.1
[BMB]		01.04-01.05	113992	14	140			AT 09.04-	113773	12	1.1
[BVY]		11.05-11.05	113992	14	140			AT 09.04-	113773	12	1.1
[BVR]		11.05-11.05	113992	14	140	MI		11.05-	114163	12	1.1
[BLR]								AT 09.04-	113773	12	1.1
[BLX]								06.04-01.05	114163	12	1.1
[BLY]								09.04-11.05	113773	12	1.1
								03.03-	113842	12	1.7
								01.04-01.05	114163	12	1.1
								11.05-	114163	12	1.1
								AT 09.04-	113773	12	1.1
A3 2.0 TFSI	[AXX]	09.04-09.04	113992	14	140			09.04-	113773	12	1.1
	[BWA]	09.05-09.05	113992	14	140						
	[CAWB]	02.08-02.08	113992	14	140						
A3 2.0 TFSI Quattro	[AXX]	09.04-10.05	113992	14	140			09.04-	113773	12	1.1
	[BWA]	09.05-06.08	113992	14	140						
A3 2.0 TFSI Sportback	[AXX]	09.04-10.05	113992	14	140			09.04-	113773	12	1.1
	[BPY]	11.05-05.07	113992	14	140	MI					
A3 2.0 TFSI Sportback Quattro	[BWA]	09.05-09.05	113992	14	140						
	[AXX]	09.04-09.04	113992	14	140			09.04-	113773	12	1.1
A3 2.0 TDI 16V	[BKD]	05.03-05.03	113992	14	140			05.03-	113841	12	1.7
	[BKD]							AT 05.03-	113509	12	1.7
A3 2.0 TDI 16V Quattro	[BKD]							AT 08.04-	113509	12	1.7
	[BKD]	08.04-08.04	113992	14	140			08.04-	113841	12	1.7
	[BKD]							08.04-	113842	12	1.7
A3 2.0 TDI 16V Sportback	[BKD]	09.04-09.04	113992	14	140			AT 09.04-	113509	12	1.7
	[BKD]							09.04-	113841	12	1.7
A3 2.0 TDI	[AZV]	05.03-05.03	113992	14	140			05.03-	113841	12	1.7
	[BMM]	06.05-06.05	113992	14	140			06.05-	113841	12	1.7
	[BMN]	03.06-03.06	113992	14	140			03.06-	113841	12	1.7
	[AZV]							05.03-	113509	12	1.7
	[BUY]	06.06-06.08	113992	14	140						
	[CBAB]	04.08-04.08	113992	14	140						
	[CBAA]	04.08-04.08	114109	14	180						
A3 2.0 TDI Quattro	[AZV]	05.03-05.03	113992	14	140			05.03-	113842	12	1.7
	[BMM]	01.06-01.06	113992	14	140			01.06-	113841	12	1.7
	[BMN]	03.06-03.06	113992	14	140			03.06-	113841	12	1.7
	[AZV]							AT 05.03-	113509	12	1.7
A3 2.0 TDI Sportback	[AZV]	09.04-09.04	113992	14	140			05.03-	113841	12	1.7
	[AZV]							AT 09.04-	113842	12	1.7
A3 2.0 TDI Sportback Quattro	[BMM]	06.05-06.05	113992	14	140			06.05-	113841	12	1.7
	[BMN]	03.06-03.06	113992	14	140			03.06-	113841	12	1.7
A3 2.5 RS3 quattro Sportback	[CEPA]	04.11-04.11	113992	14	140						
A3 3.2 Quattro	[BMJ]	07.03-07.03	113992	14	140			07.03-	113841	12	1.7
	[BMJ]							A18 07.03-	113509	12	1.7
A3 3.2 V6 Quattro	[BDB]	07.03-07.03	113992	14	140			07.03-	113841	12	1.7
	[BDB]							A18 07.03-	113509	12	1.7
A3 3.2 V6 Sportback Quattro	[BMJ]	09.04-09.04	113992	14	140			09.04-	113841	12	1.7
	[BMJ]							A18 09.04-	113509	12	1.7
A4 1.6	[AHL]	10.96-10.96	112399	14	90			10.96-	112321	12	1.1
	[ADP]	11.94-10.96	111478	14	90			11.94-10.96	112321	12	1.1
	[ANA]	08.98-08.98	113283	14	120			11.94-10.96	112321	12	1.1
	[ARM]	01.95-07.00	113882	14	120			08.98-	112321	12	1.1
	[ALZ]	07.00-12.04	113882	14	120			Chas. -8E-5-030000 07.00-09.01	112321	12	1.1
	[ALZ]	07.00-09.01	112398	14	70			Chas. 8E-5-030001-11.00-12.04	114179	12	1.2
	[ADP]	11.94-10.96	113783#	14	70						
		01.95-07.00	113882	14	120						
	[AHL]	11.94-07.97	111478	14	90						
		01.95-07.00	113882	14	120						
		10.96-10.96	112398	14	70						
		10.96-07.99	113783#	14	70						
		01.99-01.99	113283	14	120						
	[ALZ]	07.00-09.01	112399	14	90						
		07.00-09.01	113283	14	120						
	[ANA]	11.94-01.95	111478	14	90						
		08.98-08.98	112398	14	70						
		08.98-08.98	112399	14	90						
[ARM]	11.94-08.98	111478	14	90							
	08.98-08.98	112398	14	70							
	08.98-08.98	112399	14	90							
	08.98-08.98	113283	14	120							
A4 1.8	[AFY]	04.95-09.01	113783#	14	70			04.95-09.01	112321	12	1.1
	[APT]	01.99-01.99	112398	14	70			11.94-	112321	12	1.1
	[AVV]	06.00-06.00	112399	14	90			06.00-	112321	12	1.1
	[ARG]	08.98-07.99	112398	14	70			11.94-07.99	112321	12	1.1
	[ADR]	11.94-11.00	113783#	14	70			11.94-04.99	112321	12	1.1
	[ADR]	11.94-07.97	111478	14	90						
		11.94-04.99	112398	14	70						
		11.94-04.99	112399	14	90						
		01.99-01.99	113283	14	120						
	[AFY]	04.95-07.97	111478	14	90						
		08.97-09.01	112399	14	90						
		01.99-09.01	112398	14	70						
		01.99-09.01	113283	14	120						
	[APT]	08.97-01.99	112399	14	90						
	01.99-01.99	113283	14	120							
[ARG]	08.97-07.99	112399	14	90							
	08.98-07.99	113283	14	120							
[AVV]	06.00-06.00	112398	14	70							
	06.00-06.00	113283	14	120							



Application list

AUDI Continued

A4 1.8 Quattro	[AFY]	07.95- 09.01	113783#	14	70	07.95- 09.01	112321	12	1.1
	[ADR]	01.99-	113283	14	120	11.94-	112321	12	1.1
	[APT]	01.99-	113283	14	120	11.94-	112321	12	1.1
	[ARC]	08.98-	112398	14	70	11.94-	112321	12	1.1
	[ADR]	11.94- 12.98	111478	14	90				
		11.94-	112398	14	70				
		11.94- 04.99	113783#	14	70				
		08.97-	112399	14	90				
	[AFY]	07.95- 12.98	111478	14	90				
		08.97- 09.01	112399	14	90				
		01.99- 09.01	112398	14	70				
		01.99- 09.01	113283	14	120				
	[APT]	08.97-	112399	14	90				
		01.99-	112398	14	70				
	[ARC]	08.97-	112399	14	90				
		08.98-	113283	14	120				
A4 1.8 Turbo	[BEX]					Chas. 8E-5-030001- 11.02- 12.04	114179	12	1.2
	[BEX]					Chas. -8E-5-030000 11.02- 06.04	112321	12	1.1
	[AEB]	11.94- 07.98	113783#	14	70	11.94- 07.98	112321	12	1.1
	[ARK]	08.98- 07.99	112399	14	90	11.94- 12.98	112321	12	1.1
	[ANB]	05.99-	113283	14	120	11.94- 07.98	112321	12	1.1
	[APU]	08.98-	113283	14	120	11.94- 07.98	112321	12	1.1
	[AWT]	06.00-	112398	14	70	11.94- 07.98	112321	12	1.1
	[AJL]	08.97-	112399	14	90	08.97-	112321	12	1.1
	[AMB]	07.01-	113878	14	120	Chas. -8E-5-030000 07.01-	112321	12	1.1
	[BKB]	07.02-	113878	14	120	Chas. -8E-5-030000 07.02- 12.04	112321	12	1.1
	[BFB]					Chas. 8E-5-030001- 07.02- 12.04	114179	12	1.2
	[AVJ]	11.00- 07.02	113882	14	120	11.00-	112321	12	1.1
	[BFB]	07.02-	113878	14	120	Chas. -8E-5-030000 07.02-	112321	12	1.1
	[BFB]					11.04-	114179	12	1.2
	[AEB]	11.94- 07.97	111478	14	90				
	[AJL]	08.97- 12.98	111478	14	90				
		08.97-	112398	14	70				
		12.97- 09.01	113783#	14	70				
		01.99-	113283	14	120				
	[AMB]					Chas. 8E-5-030001- 07.01- 12.04	114179	12	1.2
	[ANB]	05.99-	112398	14	70				
		05.99-	112399	14	90				
	[APU]	11.94- 07.97	111478	14	90				
		08.98-	112398	14	70				
		08.98-	112399	14	90				
	[ARK]	08.98- 07.99	112398	14	70				
		08.98- 07.99	113283	14	120				
	[AWT]	06.00-	112399	14	90				
		06.00-	113283	14	120				
A4 1.8 Turbo Quattro	[BKB]					Chas. 8E-5-030001- 07.02- 12.04	114179	12	1.2
	[BEX]					Chas. -8E-5-030000 11.02- 06.04	112321	12	1.1
						Chas. 8E-5-030001- 11.02- 12.04	114179	12	1.2
	[AEB]	10.95- 07.98	111478	14	90	01.95- 07.98	112321	12	1.1
	[APU]	02.99-	112399	14	90	01.95- 07.98	112321	12	1.1
	[ANB]	07.99-	113283	14	120	01.95- 07.98	112321	12	1.1
	[ARK]	01.99- 07.99	112399	14	90	01.95- 07.98	112321	12	1.1
	[AWT]	06.00-	113283	14	120	01.95- 07.98	112321	12	1.1
	[AJL]	12.97- 09.01	113783#	14	70	08.97-	112321	12	1.1
	[AMB]	07.01-	113878	14	120	Chas. 8E-5-030001- 07.01- 12.04	114179	12	1.2
	[AMB]					Chas. -8E-5-030000 07.01-	112321	12	1.1
	[AVJ]					11.00-	112321	12	1.1
	[BFB]					Chas. -8E-5-030000 04.02- 06.04	112321	12	1.1
	[BFB]	07.02-	113878	14	120	Chas. 8E-5-030001- 04.02- 12.05	114179	12	1.2
	[AEB]	11.94- 12.98	113783#	14	70				
	[AJL]	08.97- 12.98	111478	14	90				
		08.97-	112398	14	70				
		08.97-	112399	14	90				
		01.99-	113283	14	120				
	[ANB]	07.99-	112398	14	70				
		07.99-	112399	14	90				
	[APU]	02.96- 07.98	111478	14	90				
		02.99-	112398	14	70				
		02.99-	113283	14	120				
	[ARK]	01.99- 07.99	112398	14	70				
		01.99- 07.99	113283	14	120				
	[AWT]	06.00-	112398	14	70				
		06.00-	112399	14	90				
A4 1.9 Hybrid Duo	[AHU]	02.99- 11.00	112397	14	120		111694	12	1.8
A4 1.9 Diesel	[AFF]	03.96- 06.00	112397	14	120	Chas. 8D5040001- 03.96-	111694	12	1.8
	[AFF]	11.94-	112045	14	120	03.96-	111995	12	2.0
		03.96- 06.00	112396	14	90	03.96-	112309	12	1.4
A4 1.9 TDI	[AVF]	04.01-	113252	14	140	09.01- 12.04	114171	12	1.7
	[1Z]	01.99-	112397	14	120	11.94- 07.96	111694	12	1.8
	[AJM]	01.98- 11.00	113770	14	120	01.98- 12.98	111694	12	1.8
	[AFN]	02.96-	112397	14	120	02.96- 12.98	111694	12	1.8
	[AHH]	04.97-	112806	14	120	01.95- 07.97	111694	12	1.8
	[AHU]	08.96-	112397	14	120	08.96- 12.98	111694	12	1.8
	[AVG]	08.99-	112397	14	120	02.96-	111694	12	1.8
	[AJM]	08.98-	112397	14	120	08.98- 09.01	112443	12	1.8
	[AVF]	11.00- 12.04	113882	14	120	6SP 11.00-	112443	12	1.8
	[BKE]	06.04- 12.04	113992	14	140	06.04-	111694	12	1.8
	[AVB]	05.01-	113252	14	140	05.01-	111694	12	1.8
	[AWX]	11.00- 12.04	113882	14	120	6SP 11.00-	112443	12	1.8
		09.01-	113252	14	140	11.00- 12.04	114171	12	1.7
	[BRB]	11.04-	113992	14	140	AT 01.06-	114177	12	2.0
	[1Z]	11.94- 12.98	112045	14	120				
		01.99-	112396	14	90				
	[AFN]	11.94- 12.98	112045	14	120				
		02.96-	112396	14	90				
		02.96- 07.99	113770	14	120				
	[AHU]	11.94- 12.98	112045	14	120				
		08.96- 07.98	112002	14	120				
		08.96-	112396	14	90				
	[AJM]	01.98- 12.98	112045	14	120				
		08.98-	112393						
		08.98-	112396	14	90				
	[AVB]	11.01-	112397	14	120				
		11.01- 12.04	113882	14	120				
	[AVF]	06.03- 12.04	113992	14	140				
	[AVG]	11.94-	112045	14	120				
		08.99-	112396	14	90				
A4 1.9 TDI Quattro	[AWX]					5SP 12.00- 06.03	111694	12	1.8
	[AFN]	09.96-	112045	14	120	07.96-	111694	12	1.8
	[ATJ]	01.98- 12.98	112045	14	120	01.00- 11.00	112443	12	1.8
	[AJM]	03.00- 09.01	113770	14	120	08.98- 09.01	112443	12	1.8
		01.98- 12.98	112045	14	120	01.98- 12.98	111694	12	1.8
	[AVG]	08.99- 06.00	112396	14	90	07.96-	111694	12	1.8
	[ATJ]	12.98-	112396	14	90	01.98- 09.01	111694	12	1.8
	[AVF]	11.01-	112397	14	120	6SP 11.01-	112443	12	1.8
	[AVF]	11.01-	113252	14	140	09.01- 12.04	114171	12	1.7
	[AJM]	12.98-	112396	14	90				
		12.98-	112397	14	120				





	[ATJ]	12.98-	112397	14	120				
	[AVG]	09.96-	112045	14	120				
		08.99-	112397	14	120				
A4 2.0	[ALT]	11.00- 12.04	113882	14	120	Chas. -8E-5-030000	11.00- 06.04	112321	12 1.1
	[ALT]	09.04-	113878	14	120	Chas. 8E-5-030001	11.00- 12.05	114179	12 1.2
A4 2.0 FSI	[AWA]	07.02-	113878	14	120	Chas. 8E-5-030001	07.02- 12.04	114179	12 1.2
	[AWA]	07.02- 12.04	113882	14	120	Chas. -8E-5-030000	07.02-	112321	12 1.1
A4 2.0 TFSI	[BYK]					AT	10.06-	114179	12 1.2
	[BGB]					AT	11.04-	114179	12 1.2
	[BUL]					AT	06.05-	114179	12 1.2
	[BWE]					AT	11.04-	114179	12 1.2
	[BPG]					AT	11.04-	114179	12 1.2
	[BWE]					01.06-		114179	12 1.2
	[BWT]					AT	06.06-	114179	12 1.2
						01.06-		114179	12 1.2
						10.05-		114179	12 1.2
						10.05-		112321	12 1.1
A4 2.0 TFSI Quattro	[BGB]					AT	11.04-	114179	12 1.2
	[BUL]					AT	06.05-	114179	12 1.2
	[BWE]					AT	11.04-	114179	12 1.2
	[BPG]					AT	11.04-	114179	12 1.2
	[BWT]					AT	06.06-	114179	12 1.2
A4 2.0 TDI 16V	[BLB]	11.04- 11.05	113992	14	140	AT	11.04-	114177	12 2.0
	[BRE]	11.04-	113992	14	140	AT	11.04-	114177	12 2.0
A4 2.0 TDI	[BNA]	11.04- 10.05	113992	14	140	AT	11.04- 10.05	114177	12 2.0
	[BRD]	06.06-	113992	14	140	AT	06.06-	114177	12 2.0
	[BRF]	11.05-	113992	14	140	AT	11.05-	114177	12 2.0
	[BVG]	09.05- 09.06	113992	14	140	09.05- 09.06		114177	12 2.0
	[BVA]	06.06-	113992	14	140	AT	06.06-	114177	12 2.0
	[BPW]	11.04-	113992	14	140	AT	11.04-	114177	12 2.0
	[BRC]	01.06-	113992	14	140				
	[CAGA]	11.07-	114322	14	140				
	[CAGB]	11.07-	114322	14	140				
	[CAGC]	06.08-	114322	14	140				
	[CAHA]	01.08-	114322	14	140				
	[CAHB]	08.08-	114322	14	140				
A4 2.0 TDI Quattro	[BPW]	01.06-	113992	14	140	AT	01.06-	114177	12 2.0
	[BRD]	06.06-	113992	14	140	AT	06.06-	114177	12 2.0
	[BVA]	06.06-	113992	14	140	AT	06.06-	114177	12 2.0
	[BPW]					01.06-		114096	12 2.0
	[CAGA]	04.08-	114322	14	140				
	[CAGB]	09.09-	114322	14	140				
	[CAHA]	08.08-	114322	14	140				
	[CAHB]	04.09-	114322	14	140				
A4 2.4	[AML]						08.98- 12.98	111769	12 1.4
	[APZ]						08.98- 06.00	111769	12 1.4
	[AGA]	03.97- 07.98	112806	14	120		08.97- 07.98	111769	12 1.4
	[AFS]	08.98- 07.99	112399	14	90		08.98- 10.00	111769	12 1.4
	[AJG]	08.97- 07.98	112806	14	120		08.97- 07.98	111769	12 1.4
	[ALF]	03.97- 07.98	112806	14	120		08.97- 07.98	111769	12 1.4
	[ARJ]	08.98- 06.00	112399	14	90		08.98- 06.00	111769	12 1.4
	[BDV]	09.01- 12.05	113751	14	120		09.01-	111769	12 1.4
	[AMM]	04.01- 12.05	113751	14	120		06.00- 10.00	111769	12 1.4
	[AMM]	06.00- 10.00	112399	14	90				
		09.01-	113510	14	140				
	[BDV]	09.01-	113510	14	140				
		09.01- 12.04	113882	14	120				
A4 2.4 Quattro	[AGA]	03.97-	112806	14	120		08.97- 07.98	111769	12 1.4
	[ALF]	03.97-	112806	14	120		08.97- 07.98	111769	12 1.4
	[APZ]						08.98- 09.01	111769	12 1.4
	[AML]						08.98- 12.98	111769	12 1.4
	[AFS]						08.98- 10.00	111769	12 1.4
	[ARJ]						08.98- 06.00	111769	12 1.4
A4 2.4 30V Quattro	[AGA]	03.97-	112806	14	120		08.97- 07.98	111769	12 1.4
	[ALF]	03.97-	112806	14	120		08.97- 07.98	111769	12 1.4
	[AML]						08.98- 12.98	111769	12 1.4
	[AFS]						08.98- 10.00	111769	12 1.4
	[ARJ]						08.98- 06.00	111769	12 1.4
A4 2.5 TDI	[AFB]	09.97- 11.00	113758	14	120		09.97-	111995	12 2.0
	[AKN]	09.97- 11.00	113758	14	120		09.97-	111995	12 2.0
	[AYM]	08.01- 07.02	113882	14	120		08.01-	111995	12 2.0
	[BDG]	08.02- 12.05	113510	14	140	Chas. 8E-1-000001-	06.03- 12.04	111995	12 2.0
	[BFC]	07.02- 12.05	113510	14	140		08.02- 12.04	111995	12 2.0
	[BCZ]	08.02- 12.05	113510	14	140		06.03- 12.04	111995	12 2.0
	[AYM]	08.01-	113510	14	140				
	[BDG]	Chas. 8E-1-000001-	11.04-	113510	14	140			
A4 2.5 TDI Quattro	[BAU]	09.01-	113510	14	140		11.00-	111995	12 2.0
	[BDH]	09.01-	113510	14	140		11.00-	111995	12 2.0
	[AKE]	11.00-	113510	14	140		11.00-	111995	12 2.0
	[AFB]						09.97-	111995	12 2.0
	[AKN]						09.97-	111995	12 2.0
A4 2.5 TDI S4	[AFB]	09.97- 09.01	113758	14	120		09.97-	111995	12 2.0
	[AKN]	09.97- 09.01	113758	14	120		09.97-	111995	12 2.0
A4 2.5 TDI S4 Quattro	[AFB]	09.97- 09.01	113758	14	120		09.97-	111995	12 2.0
	[AKN]	09.97- 09.01	113758	14	120		09.97-	111995	12 2.0
A4 2.6	[ABC]						11.94-	112309	12 1.4
	[ABC]	01.95-	112806	14	120	Chas. 8D.V.205001-	04.97- 07.98	111769	12 1.4
A4 2.6 Quattro	[ABC]						04.97- 07.98	111769	12 1.4
	[ABC]	01.95-	112806	14	120		11.94-	112309	12 1.4
A4 2.7 S4 Quattro	[AGB]					Chas. T080001-	09.97-	111769	12 1.4
							09.97-	111769	12 1.4
A4 2.7 RS4 Quattro	[ASJ]						05.00-	111769	12 1.4
	[AZR]						05.00- 09.01	111769	12 1.4
A4 2.7 TDi	[BSG]						11.05- 03.08	114094	12 2.2
	[BPP]						01.06-	114094	12 2.2
A4 2.8	[AMX]						07.98-	111769	12 1.4
	[AOD]						08.98-	111769	12 1.4
	[AAH]	09.95- 09.96	112806	14	120	Chas. 8D.V.205001-	04.97- 07.97	111769	12 1.4
	[ACK]	03.96-	112806	14	120		03.96- 04.97	112309	12 1.4
	[APR]						08.98-	111769	12 1.4
	[ACK]						04.97-	111769	12 1.4
	[AAH]						11.94- 09.96	112309	12 1.4
	[ALG]	10.96-	112806	14	120		04.97-	111769	12 1.4
A4 2.8 Quattro	[ALG]						03.96- 04.97	112309	12 1.4
	[ACK]						04.97- 07.98	111769	12 1.4
	[ALG]						03.96-	112309	12 1.4
	[AMX]	07.99- 09.01	112399	14	90		07.98-	111769	12 1.4
	[AOD]	08.98- 06.00	112399	14	90	Eng. 8D-V205001-	08.98-	111769	12 1.4
	[APR]	02.99- 06.00	112399	14	90		08.98-	111769	12 1.4
	[ACK]	03.96-	112806	14	120		03.96- 04.97	112309	12 1.4
	[ALG]	10.96-	112806	14	120		05.97- 07.98	111769	12 1.4
	[AAH]	11.94- 09.96	112806	14	120		11.94- 12.96	112309	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

A4 3.0	[AVK]	11.00-	113510	14	140					
	[ASN]	12.00- 12.05	113751	14	120					
	[ASN]	11.00- 12.04	113882	14	120	AT 09.01-	111694	12	1.8	
	[BBJ]	04.01- 05.06	113751	14	120	09.01- 12.05	111769	12	1.4	
	[ASN]	11.00-	113510	14	140	04.01-	111769	12	1.4	
	[AVK]					AT 11.00-	111694	12	1.8	
A4 3.0 Quattro	[BBJ]	04.01-	113510	14	140					
	[ASN]	04.01- 12.04	113882	14	120					
	[ASN]	12.00- 12.05	113751	14	120	AT 11.00-	111694	12	1.8	
	[BBJ]	03.01- 05.06	113751	14	120	04.01-	111769	12	1.4	
	[ASN]	11.00- 12.05	113510	14	140	11.00- 12.05	111769	12	1.4	
	[AVK]	09.01-	113510	14	140	09.01-	111769	12	1.4	
A4 3.0 TDI Quattro	[BBJ]	09.01- 06.02	113751	14	120	AT 09.01-	111694	12	1.8	
	[BBJ]	04.01-	113510	14	140					
	[ASB]					01.06-	114094	12	2.2	
A5 2.0 TDI	[BKN]					11.04-	114094	12	2.2	
	[CAHA]	08.08-	114322	14	140					
A5 2.0 TDI Quattro	[CAHB]	08.08-	114322	14	140					
	[CAHA]	08.08-	114322	14	140					
A5 2.0 TDI Quattro Sportback	[CAHA]	09.09-	114322	14	140					
	[CAHA]	09.09-	114322	14	140					
A5 2.0 TDI Sportback	[CAGA]	09.09-	114322	14	140					
	[CAGB]	09.09-	114322	14	140					
	[CAHB]	09.09-	114322	14	140					
	[CMEA]	09.09-	114322	14	140					
	[CMEA]	09.09-	114322	14	140					
A6 1.8	[AFY]	05.97-	112399	14	90	05.97-	112321	12	1.1	
	[AJP]	07.97- 01.05	113783#	14	70	05.97-	112321	12	1.1	
	[ADR]	12.95- 02.97	111478	14	90	06.94-	112321	12	1.1	
	[ADR]	12.95- 12.97	113783#	14	70					
	[AEB]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
	[AEB]	12.97- 07.98	111772#	14	120					
	[AEB]	12.97- 01.05	113783#	14	70					
	[AEB]	08.98-	112399	14	90					
	[AEB]	08.98-	113283	14	120					
	[AFY]	05.97- 07.98	111478	14	90					
	[AFY]	07.98-	113283	14	120					
	[AJP]	07.97-	112399	14	90					
	[AJP]	07.97- 07.98	111772#	14	120					
	[AJP]	08.98-	113283	14	120					
	[AJP]	AT 08.98-	113283	14	120					
	[ANB]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
	[ANB]	01.99-	112399	14	90					
	[ANB]	01.99-	113283	14	120					
	[APU]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
	[APU]	11.98-	112398	14	70					
	[APU]	11.98-	112399	14	90					
	[APU]	11.98-	113283	14	120					
	[AOE]					05.97-	112321	12	1.1	
	[ARH]					07.97-	112321	12	1.1	
	[ARK]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
	[ARK]	01.99- 05.99	112399	14	90					
	[ARK]	01.99- 05.99	113283	14	120					
	[AWT]	12.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
	A6 1.8 Quattro	[ADR]	12.95-	111478	14	90	10.95-	112321	12	1.1
		[ADR]	12.95- 12.97	113783#	14	70				
	A6 1.8 Turbo	[AEB]	01.97- 01.05	113882	14	120	04.97-	112321	12	1.1
		[AEB]	01.97- 07.98	111772#	14	120				
		[AEB]	01.97- 01.05	113783#	14	70				
		[AEB]	04.97-	112399	14	90				
		[AEB]	08.98-	113283	14	120				
		[AJL]	06.97- 07.98	111772#	14	120	06.97-	112321	12	1.1
		[AJL]	12.97- 01.05	113783#	14	70				
		[AJL]	08.98-	112399	14	90				
		[AJL]	AT 08.98-	113283	14	120				
		[ANB]	01.97- 01.05	113882	14	120	04.97-	112321	12	1.1
		[ANB]	04.97-	112399	14	90				
		[ANB]	08.98-	113283	14	120				
[APU]		01.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
[APU]		01.97- 07.98	111772#	14	120					
[APU]		04.97-	112399	14	90					
[APU]		08.98-	112398	14	70					
[APU]		AT 08.98-	113283	14	120					
[ARK]		01.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
[ARK]		04.97-	112399	14	90					
[ARK]		08.98-	113283	14	120					
[AWT]		01.97- 01.05	113882	14	120	04.97-	112321	12	1.1	
[AWT]	04.97-	112399	14	90						
A6 1.8 Turbo Quattro	[ANB]	12.97- 01.05	113783#	14	70	04.97-	112321	12	1.1	
	[APU]	04.97- 01.99	112399	14	90	04.97-	112321	12	1.1	
	[AWT]	04.97- 01.99	112399	14	90	04.97-	112321	12	1.1	
	[AEB]	02.97- 01.05	113783#	14	70	04.97-	112321	12	1.1	
	[ARK]	04.97- 05.99	112399	14	90	04.97-	112321	12	1.1	
	[AEB]	02.97- 07.98	111772#	14	120					
	[AEB]	04.97- 01.99	112399	14	90					
	[AEB]	08.98- 01.99	113283	14	120					
	[AJL]	06.97- 07.98	111772#	14	120	06.97-	112321	12	1.1	
	[AJL]	12.97- 01.05	113783#	14	70					
	[AJL]	02.98-	112399	14	90					
	[AJL]	AT 02.98-	113283	14	120					
	[ANB]	04.97- 01.99	112399	14	90	12.97-	110850			
	[ANB]	08.98- 01.99	113283	14	120					
	[APU]	02.97- 07.98	111772#	14	120					
	[APU]	11.98-	112398	14	70					
	[APU]	11.98-	113283	14	120					
	[APU]	AT 08.98- 01.99	113283	14	120					
	[ARK]	08.98- 05.99	113283	14	120					
	A6 1.9 TDI	[AFN]	11.94- 07.98	112045	14	120	02.97-	111694	12	1.8
		[AJM]	05.99-	112397	14	120	05.99-	111694	12	1.8
[AVF]		08.01-	112397	14	120	08.01- 01.05	114171	12	1.7	
[AVF]		08.01-	113252	14	140	5SP 08.01-	111694	12	1.8	
[AVF]						6SP 08.01-	112443	12	1.8	
[AWX]		08.01-	113252	14	140	5SP 08.01-	111694	12	1.8	
[AWX]						6SP 08.01-	112443	12	1.8	
[AWX]		08.01-	112397	14	120	08.01- 01.05	114171	12	1.7	
[IZ]		06.94- 09.96	113885	14	150	06.94- 09.96	111694	12	1.8	
[IZ]		06.94- 09.96	112802#	14	70					
[AFN]		02.97-	112397	14	120					
[AFN]		04.97-	112396	14	90					
[AHU]		06.96- 10.97	112802#	14	70	06.96- 10.97	111694	12	1.8	
[AHU]		07.96- 10.97	113885	14	150					
[AJM]		05.99-	112396	14	90					
[AVG]					04.97- 08.99	111694	12	1.8		
A6 2.0	[AAE]	06.94-	112798	14	90	06.94- 08.96	112321	12	1.1	
	[ABK]	06.94- 08.96	112712	14	90	06.94- 08.96	112321	12	1.1	
	[ALT]					08.01-	112321	12	1.1	
[AAE]	06.94-	112712	14	90						
A6 2.0 16V	[ACE]	06.94-	112712	14	90	06.94-	112321	12	1.1	
	[ACE]	06.94-	112798	14	90					
A6 2.0 16V Quattro	[ACE]	06.94-	112798	14	90	06.94-	112321	12	1.1	



A6 2.0 TDI	[BNA]					AT 06.05-	114177	12	2.0
	[BLB]					AT 07.04-	114177	12	2.0
	[BRF]					AT 06.05-	114177	12	2.0
	[CAHB]					AT 04.09-	114177	12	2.0
	[BRE]					AT 07.04-	114177	12	2.0
						06.05-	114177	12	2.0
	[BRF]					06.05-	114096	12	2.0
[CAGB]					AT 10.08-	114177	12	2.0	
					06.05-	114096	12	2.0	
					06.05-	114177	12	2.0	
A6 2.3	[AAR]	06.94- 07.94	112806	14	120	06.94- 12.95	111010	12	1.4
		06.94- 12.95	113758	14	120				
		Chas. -4AS020156	06.94- 07.94	112806	14	120			
A6 2.3 Quattro	[AAR]	06.94- 07.94	112806	14	120	08.94- 07.97	111010	12	1.4
		06.94- 12.95	113758	14	120				
A6 2.4	[APC]	04.98- 07.98	112806	14	120	04.98-	111769	12	1.4
	[AGA]	04.97- 07.98	112806	14	120	04.97-	111769	12	1.4
	[AJG]	04.97- 07.98	112806	14	120	04.97- 01.99	111769	12	1.4
	[ALF]	06.97- 07.98	112806	14	120	06.97-	111769	12	1.4
	[ALW]	08.97- 07.98	112806	14	120	07.98-	111769	12	1.4
	[AML]	06.00- 04.01	112399	14	90	06.97-	111769	12	1.4
	[AMM]	06.01- 05.04	113751	14	120	06.00- 05.04	111769	12	1.4
	[APS]					11.98-	111769	12	1.4
	[APZ]					11.98- 05.00	111769	12	1.4
	[ARJ]					11.98-	111769	12	1.4
	[ARN]	02.99- 01.05	112806	14	120	02.99-	111769	12	1.4
		02.99- 01.05	113751	14	120				
	[ASM]	06.01- 01.05	113751	14	120	06.00- 05.04	111769	12	1.4
	[BDV]	06.01- 01.05	113751	14	120	08.01-	111769	12	1.4
		08.01-	113510	14	140				
A6 2.4 Quattro	[APC]	08.98- 05.01	112399	14	90	08.98- 05.01	111769	12	1.4
	[AGA]	04.97- 07.98	112806	14	120	04.97-	111769	12	1.4
	[AJG]	02.97- 07.98	112806	14	120	02.97- 01.99	111769	12	1.4
	[ALF]	06.97- 07.98	112806	14	120	06.97-	111769	12	1.4
	[AML]	06.00- 05.01	112399	14	90	12.97-	111769	12	1.4
	[APS]					11.98-	111769	12	1.4
	[APZ]					11.98- 05.00	111769	12	1.4
	[ARJ]					11.98-	111769	12	1.4
	[BDV]	06.01- 01.05	113751	14	120	08.01-	111769	12	1.4
		08.01-	113510	14	140				
A6 2.5 TDI	[AAT]	06.94- 12.97	113758	14	120	06.94-	112537	12	2.2
	[AEL]	08.94- 12.97	113758	14	120	10.94-	112537	12	2.2
	[AKN]	12.97- 01.05	113758	14	120	04.97- 06.99	111995	12	2.0
	[AFB]	04.97- 01.05	113758	14	120	04.97-	111995	12	2.0
	[BCZ]	11.02- 05.04	113510	14	140	11.02- 05.04	111995	12	2.0
	[BDG]	11.02- 05.04	113510	14	140	11.02- 05.04	111995	12	2.0
	[BFC]	07.02- 08.03	113510	14	140	07.02- 08.03	111995	12	2.0
	[AKE]	02.00-	113510	14	140	02.00-	111995	12	2.0
	[AYM]	08.01-	113510	14	140	08.01-	111995	12	2.0
	[AAT]	Chas. -4A.S.012156	06.94- 10.97	112750	14	90			
A6 2.5 TDI Quattro	[AEL]	07.95- 10.97	113758	14	120	07.95-	112537	12	2.2
	[AFB]	07.97- 01.05	113758	14	120	07.97-	111995	12	2.0
	[AKE]	02.00-	113510	14	140	02.00-	111995	12	2.0
	[AKN]	07.97- 01.05	113758	14	120	07.97-	111995	12	2.0
	[BAU]					02.00-	111995	12	2.0
	[BDH]					02.00-	111995	12	2.0
A6 2.6	[ABC]	06.94- 02.96	112806	14	120	06.94-	112309	12	1.4
	[ABC]					04.97- 07.98	111769	12	1.4
	[ACZ]	06.94- 02.96	112806	14	120	06.94- 10.97	112309	12	1.4
A6 2.6 Quattro	[ABC]	06.94-	112806	14	120	06.94-	112309	12	1.4
A6 2.7	[AJK]	02.99- 05.01	112399	14	90	12.97-	111769	12	1.4
		02.99- 05.01	113751	14	120				
A6 2.7 Quattro	[AJK]	10.97- 08.00	112399	14	90	12.97-	111769	12	1.4
	[AZA]					12.97- 05.01	111769	12	1.4
A6 2.7 Turbo Quattro	[ARE]					08.01-	111769	12	1.4
	[BES]					07.02- 01.05	111769	12	1.4
A6 2.7 TDI	[BSG]					11.04-	114094	12	2.2
	[BPP]					11.04-	114094	12	2.2
A6 2.7 TDI Allroad Quattro	[BPP]					05.06-	114094	12	2.2
	[BSG]					05.06-	114094	12	2.2
A6 2.7 TDI Quattro	[BPP]					11.04-	114094	12	2.2
	[BSG]					06.05-	114094	12	2.2
A6 2.8	[ACK]					10.95- 10.97	112309	12	1.4
	[AAH]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4
	[AEJ]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4
	[ALG]	08.98- 01.99	112399	14	90	06.97-	111769	12	1.4
	[ACK]	10.95- 07.98	112806	14	120	04.97-	111769	12	1.4
	[ATX]					07.99-	111769	12	1.4
	[AGE]	08.98-	112399	14	90	10.97-	111769	12	1.4
	[APR]					11.98-	111769	12	1.4
	[AGE]	10.97- 07.98	111478	14	90				
		10.97- 07.98	112806	14	120				
	[ALG]	06.97- 07.98	112806	14	120				
	[AMX]	06.00- 05.01	112399	14	90	06.97-	111769	12	1.4
	[AOD]	11.98- 04.01	112399	14	90	06.97-	111769	12	1.4
A6 2.8 Quattro	[ACK]	10.95- 07.98	112806	14	120	10.95- 10.97	112309	12	1.4
	[ACK]					04.97-	111769	12	1.4
	[APR]	01.99- 05.01	112806	14	120	11.98-	111769	12	1.4
		01.99- 05.01	113751	14	120				
	[AEJ]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4
	[ALG]	06.97- 07.98	112806	14	120	06.97-	111769	12	1.4
		08.98- 01.99	112399	14	90				
	[AMX]	06.00- 05.01	112399	14	90	07.99-	111769	12	1.4
	[AOD]	11.98- 05.01	112399	14	90	06.97-	111769	12	1.4
	[AAH]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4
A6 3.0	[ASN]	06.01- 05.04	113751	14	120	08.01-	111769	12	1.4
	[ASN]	08.01-	113510	14	140				
A6 3.0 Quattro	[ASN]	06.01- 05.04	113751	14	120	08.01-	111769	12	1.4
	[ASN]	08.01-	113510	14	140				
	[BEJ]					03.05- 05.06	111769	12	1.4
A6 3.0 TDI Allroad Quattro	[ASB]					05.06-	114094	12	2.2
	[BNG]					05.06-	114094	12	2.2
A6 3.0 TDI Quattro	[ASB]					06.06-	114094	12	2.2
	[BNG]					05.04-	114094	12	2.2
	[BMK]	05.04-	113510	14	140	05.04-	114094	12	2.2
	[BMK]					05.04-	111995	12	2.0
A6 4.2 Quattro	[ARS]	11.98- 01.05	113882	14	120	11.98-	111817	12	1.8
	[ASG]	11.98- 01.05	113882	14	120	06.00-	111817	12	1.8
	[AWN]	11.98- 01.05	113882	14	120	06.00-	111817	12	1.8
	[BAT]					05.04-	111817	12	1.8
A8 2.5 TDI	[AFB]	01.97- 04.00	113758	14	120	06.97- 04.00	111995	12	2.0
		01.97- 04.00	110726#	14	35				
	[AKE]					09.00-	111995	12	2.0
	[AKN]	01.97- 04.00	113758	14	120	07.97- 10.00	111995	12	2.0
		01.97- 04.00	110726#	14	35				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

AUDI Continued

A8 2.5 TDI Quattro	[AKE]	09.00- 09.02	110726#	14	35	09.00-	111995	12	2.0
	[AFB]	07.97- 04.00	113758	14	120	07.97-	111995	12	2.0
		07.97- 04.00	110726#	14	35				
	[AKN]	07.97- 04.00	113758	14	120	07.97-	111995	12	2.0
A8 2.8		07.97- 04.00	110726#	14	35				
	[ACK]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
	[APR]	07.95- 12.98	112806	14	120	07.95- 04.97	112309	12	1.4
						04.97- 12.98	111769	12	1.4
	[ACK]					07.95- 04.97	112309	12	1.4
	[AEJ]	07.95-	112806	14	120	07.95-	112309	12	1.4
	[ALG]	10.97- 12.98	112806	14	120	10.97- 12.98	111769	12	1.4
	[AMX]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
	[AOD]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
A8 2.8 Quattro	[AAH]	06.94- 03.96	112806	14	120	06.94- 03.96	112309	12	1.4
	[ACK]	04.96-	112806	14	120	04.97-	111769	12	1.4
	[APR]	04.96-	112806	14	120	04.97-	111769	12	1.4
						04.96- 04.97	112309	12	1.4
	[ACK]					04.96- 04.97	112309	12	1.4
	[AEJ]	07.95-	112806	14	120	07.95-	112309	12	1.4
	[AMX]	04.96-	112806	14	120	04.96- 04.97	112309	12	1.4
						04.97-	111769	12	1.4
	[AOD]	04.96-	112806	14	120	04.97-	111769	12	1.4
						04.96- 04.97	112309	12	1.4
	[AAH]	09.94- 03.96	112806	14	120	09.94- 03.96	112309	12	1.4
A8 3.0	[BBJ]	07.03-	113751	14	120	07.03-	111769	12	1.4
	[ASN]					08.03-	111769	12	1.4
	[BBJ]	07.03-	113882	14	120				
A8 3.0 TDI Quattro	[BNG]	11.03-	113751	14	120	11.03-	114094	12	2.2
A8 3.7	[AEW]					07.95-	111817	12	1.8
	[AOG]					11.98-	111817	12	1.8
A8 3.7 Quattro	[AEW]					07.95-	111817	12	1.8
	[AOG]					11.98-	111817	12	1.8
A8 4.2 Quattro	[ABZ]					06.94- 07.96	111817	12	1.8
	[AEM]					06.94- 07.96	111817	12	1.8
	[AQF]					11.98-	111817	12	1.8
	[ARU]					02.99-	111817	12	1.8
	[AUW]					11.98-	111817	12	1.8
	[AUX]					11.98-	111817	12	1.8
Allroad 2.5 TDI Quattro	[BCZ]	06.03-	113510	14	140	06.03-	111995	12	2.0
	[AKE]					05.00- 05.03	111995	12	2.0
	[BAU]	02.03- 01.05	112079	14	90	02.03- 01.05	111995	12	2.0
Allroad 2.7 Turbo Quattro	[BES]	07.02- 08.05	113510	14	140	07.02- 08.05	111769	12	1.4
	[ARE]	05.00- 05.02	113510	14	140	05.00- 06.02	111769	12	1.4
Allroad 4.2 V8 Quattro	[BAS]					07.02-	111769	12	1.4
Cabriolet 1.8	[ADR]	01.97- 08.00	113783#	14	70	01.97- 08.00	112321	12	1.1
Cabriolet 1.9 TDI	[IZ]	AT 06.95- 07.96	111676	14	90	06.95- 07.96	111694	12	1.8
	[AHU]	AT 07.96-	111676	14	90	07.96-	111694	12	1.8
Cabriolet 2.0	[ABK]	01.93- 09.98	112712	14	90	01.93- 09.98	112321	12	1.1
Cabriolet 2.0 16V	[ACE]	06.95- 07.96	112798	14	90	05.95- 07.96	112321	12	1.1
Cabriolet 2.3	[NG]	05.91- 07.94	112750	14	90	05.91- 07.94	111010	12	1.4
		05.91- 07.94	112777	14	115				
Cabriolet 2.6	[ABC]	01.94-	112806	14	120	01.94-	112309	12	1.4
	[ACZ]	Chas. 8G-P-004 001-05.95- 12.99	112806	14	120	05.95- 12.99	112309	12	1.4
Cabriolet 2.8	[AAH]	11.92- 08.00	112806	14	120	11.92- 08.00	112309	12	1.4
Coupe 1.6	[YN]	07.80- 08.81	110357	14	55	07.80- 08.81	110865	12	0.95
		07.80- 08.81	111652	14	65				
		07.80- 08.81	110990#	14	90				
Coupe 1.8	[DD]	08.81- 08.82	110357	14	55	08.81- 08.82	110865	12	0.95
		08.81- 08.82	111652	14	65				
		08.81- 08.82	110990#	14	90				
	[DZ]					08.89- 07.91	110850		
Coupe 1.8 GT	[DS]	09.82- 05.83	110357	14	55	09.82- 10.88	110865	12	0.95
		09.82- 05.83	111652	14	65				
		09.82- 12.82	110990#	14	90				
		06.83- 07.85	110919	14	70				
		08.85- 10.88	112149	14	65				
	[DZ]	08.86- 10.88	112149	14	65	08.86- 10.88	110865	12	0.95
	[JN]	01.85- 07.85	110919	14	70	01.85- 07.88	110865	12	0.95
		08.85- 07.88	112149	14	65				
	[JV]	09.82- 05.83	110357	14	55	09.82- 10.88	110865	12	0.95
		09.82- 05.83	111652	14	65				
		09.82- 12.82	110990#	14	90				
		06.83- 07.85	110919	14	70				
		08.85- 10.88	112149	14	65				
	[PV]	08.86- 10.88	112149	14	65	08.86- 10.88	110865	12	0.95
	[SF]	04.86- 10.88	112149	14	65	04.86- 10.88	110865	12	0.95
Coupe 1.8 GT Quattro	[DS]					09.85- 10.88	110865	12	0.95
	[DZ]					12.84- 10.88	110865	12	0.95
	[JN]					09.85- 10.88	110865	12	0.95
	[NE]					09.85- 10.88	110865	12	0.95
						09.85- 10.88	110865	12	0.95
Coupe 1.9	[WN]	08.80- 07.81	110911	14	55	09.82- 07.83	111010	12	1.4
						08.80- 08.82	110824	12	1.1
		08.80- 07.81	111139	14	75				
		08.80- 07.83	110990#	14	90				
		08.81- 05.83	110357	14	55				
	08.81- 05.83	111652	14	65					
	AC 08.80- 07.83	110990#	14	90					
Coupe 2.0	[3A]					AT 05.89- 07.90	110865	12	0.95
						05.89- 07.90	110850		
	[ABK]	05.89- 07.91	112149	14	65	05.89- 12.96	112321	12	1.1
		09.91- 07.92	112798	14	90				
		08.92-	112712	14	90				
	[ACE]	08.92- 07.93	112798	14	90	08.92- 12.95	112321	12	1.1
		07.93- 12.95	112712	14	90				
	[HP]	09.83- 07.86	110990#	14	90	09.83- 07.86	111010	12	1.4
		08.85- 07.86	111539#	14	70				
		AC 09.83- 07.85	110990#	14	90				
		AC							
[JS]						09.83- 07.86	111010	12	1.4
	09.83- 07.86	110990#	14	90					
	08.85- 07.86	111539#	14	70					
	AC 09.83- 07.85	110990#	14	90					
	AC								
[SK]						03.86- 04.88	111010	12	1.4
	03.86- 07.91	112149	14	65					
	03.86- 04.88	111539#	14	70					



	[AAD]	05.89- 07.91	112149	14	65		08.90- 07.91	110850		
							05.89- 12.96	112321	12	1.1
Coupe 2.0 16V	[6A]	01.92- 07.92	112798	14	90		AT 08.90- 07.91	110865	12	0.95
Coupe 2.0 20V	[NM]						01.92- 07.92	112321	12	1.1
Coupe 2.0 20V Quattro	[NM]	08.89- 07.91	112750	14	90		08.89- 07.91	111010	12	1.4
Coupe 2.1	[WE]	01.81- 05.83	110357	14	55		01.81- 07.83	111010	12	1.4
		01.81- 05.83	111652	14	65					
Coupe 2.1 Turbo 20V Quattro	[KW]						05.84- 07.87	111010	12	1.4
Coupe 2.1 Turbo Quattro	[GV]	07.80- 07.81	111139	14	75		07.80- 07.87	111010	12	1.4
		07.80- 07.87	110990#	14	90		07.80- 07.87	110824	12	1.1
	[WR]	07.80- 07.81	111139	14	75		07.80- 07.87	110824	12	1.1
		07.80- 07.87	110990#	14	90		07.80- 07.87	111010	12	1.4
Coupe 2.2 Quattro	[JT]						12.84- 10.88	111010	12	1.4
		08.85- 10.88	111539#	14	70					
		AC 12.84- 07.85	110990#	14	90					
	[KV]	AC					12.84- 07.91	111010	12	1.4
		08.85- 10.88	111539#	14	70					
		11.88- 07.91	112750	14	90					
		AC 07.80- 07.85	110990#	14	90					
		AC								
Coupe 2.2 S2 Quattro	[3B]	08.89- 09.92	112750	14	90		09.90- 09.92	111010	12	1.4
		AC 09.90- 09.92	112777	14	115					
	[ABY]	10.92- 12.95	113867	14	120		10.92- 12.95	111010	12	1.4
Coupe 2.2 20V Quattro	[RR]	08.89- 07.91	112750	14	90		08.89- 07.91	111010	12	1.4
Coupe 2.2 GT	[KE]	04.82- 05.83	110357	14	55		04.82- 07.84	111010	12	1.4
		04.82- 07.84	111652	14	65					
		04.82- 12.82	110990#	14	90					
		AC 04.82- 07.84	110990#	14	90					
	[KL]	04.82- 05.83	110357	14	55		04.82- 07.84	111010	12	1.4
		04.82- 07.84	111652	14	65					
		04.82- 12.82	110990#	14	90					
		AC 04.82- 07.84	110990#	14	90					
	[KV]						09.84- 10.88	111010	12	1.4
		08.85- 10.88	111539#	14	70					
		AC 09.84- 07.85	110990#	14	90					
		AC								
	[KX]	08.85- 10.88	111539#	14	70		01.84- 10.88	111010	12	1.4
		AC 01.84- 07.85	110990#	14	90					
		AC								
Coupe 2.2 Turbo Quattro	[1B]	08.87- 11.90	112750	14	90		02.88- 11.90	111010	12	1.4
		08.88- 11.90	112777	14	115					
	[MB]	08.88- 07.89	112750	14	90		08.87- 07.89	111010	12	1.4
		08.88- 07.89	112777	14	115					
Coupe 2.3	[NG]						02.87- 07.94	111010	12	1.4
		10.88- 12.96	112750	14	90					
		10.88- 07.94	112777	14	115					
		AC								
		AC 10.88- 07.94	112777	14	115					
Coupe 2.3 Quattro	[NG]						01.87- 07.94	111010	12	1.4
		11.88- 07.94	112750	14	90					
		AC								
		AC 11.88- 07.94	112777	14	115					
Coupe 2.3 20V	[7A]	11.88- 12.96	112750	14	90		08.89- 07.91	111010	12	1.4
		AC 08.89- 07.91	112777	14	115					
Coupe 2.3 20V Quattro	[7A]	11.88- 07.91	112750	14	90		11.88- 07.91	111010	12	1.4
		AC 11.88- 07.91	112777	14	115					
Coupe 2.6	[ABC]	08.92- 12.95	112806	14	120		08.92- 12.95	112309	12	1.4
Coupe 2.6 Quattro	[ABC]	08.92- 12.95	112806	14	120		08.92- 12.95	112309	12	1.4
Coupe 2.8	[AAH]	09.91- 12.95	112806	14	120		09.91- 12.95	112309	12	1.4
Coupe 2.8 Quattro	[AAH]	08.91- 12.95	112806	14	120		08.91- 12.95	112309	12	1.4
Q3 2.0 TFSI Quattro	[CCZC]						06.11-	113773	12	1.1
Q5 2.0 TDI	[CAGA]	08.09-	114322	14	140					
	[CAGB]	08.09-	114322	14	140					
	[CAHA]	11.08-	114322	14	140					
	[CAHB]	11.08-	114322	14	140					
S3 1.8 Quattro	[BAM]	10.01-	112002	14	120		08.01- 06.03	112429	12	2.0
	[AMK]	09.00- 04.02	111989	14	90		09.00- 04.02	112429	12	2.0
		09.00- 04.02	112002	14	120					
		09.00- 04.02	112075	14	70					
	[APY]	08.98- 08.00	111989	14	90		08.98- 08.00	112429	12	2.0
		08.98- 08.00	112002	14	120					
		08.98- 08.00	112075	14	70					
	[BAM]	10.01-	111989	14	90					
S3 2.0 Quattro	[BHZ]	06.08-	113992	14	140					
S3 2.0 TFSI Quattro	[BHZ]	11.06-	113992	14	140		11.06-	113773	12	1.1
S4 2.2 Turbo Quattro	[AAN]	08.91- 06.94	112777	14	115		08.91- 07.94	111010	12	1.4
S6 2.2 Turbo Quattro	[AAN]	06.94-	112806	14	120		06.94-	111010	12	1.4
S6 4.2 Plus Quattro	[AHK]	06.96-	112777	14	115		06.96-	112552	12	1.7
S6 4.2 Quattro	[ANK]						09.00-	111817	12	1.8
	[ACJ]						09.99-	111817	12	1.8
	[AEC]	09.94- 07.97	112777	14	115		09.94- 07.97	112552	12	1.7
S8 4.2 Quattro	[AHC]						09.96-	111817	12	1.8
	[ACH]						06.99-	111817	12	1.8
TT 1.8 TFSI	[CDAA]						06.08-	114163	12	1.1
TT 1.8 Turbo	[BVP]	09.05-	111989	14	90		09.05-	113842	12	1.7
	[BVP]	09.05-	112002	14	120		AT 09.05-	114174	12	1.1
	[BVR]	09.05-	112002	14	120		09.05-	113842	12	1.7
	[AJO]	07.98-	111989	14	90		07.98-	111909	12	1.1
		07.98-	112002	14	120		AT 07.98-	112005	12	1.1
	[APP]						07.98-	111909	12	1.1
							07.98-	112005	12	1.1
	[ARY]						07.98-	111909	12	1.1
							07.98-	112005	12	1.1
	[ATC]						07.98-	111909	12	1.1
							07.98-	112005	12	1.1
	[AUM]	01.01-	111989	14	90		01.01-	112005	12	1.1
	[AUQ]	01.01-	112002	14	120					
							07.98-	111909	12	1.1
							07.98-	112005	12	1.1
	[AWP]						07.98-	111909	12	1.1
							07.98-	112005	12	1.1
	[BVR]	09.05-	111989	14	90					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

TT 1.8 Turbo Quattro	[BVR]	09.05-	112002	14	120	09.05-	113842	12	1.7
	[AJQ]	07.98-	111989	14	90	07.98-	112429	12	2.0
		07.98-	112002	14	120				
	[APX]	07.98-	112002	14	120	07.98- 05.01	112429	12	2.0
		10.98-	111989	14	90	10.98-	114174	12	1.1
		AC 10.98-	112002	14	120				
		[ARY]				07.98- 05.01	112429	12	2.0
						10.98-	114174	12	1.1
		[AUM]				10.99-	112429	12	2.0
	[AWP]				02.00-	114174	12	1.1	
	[BAM]				07.98- 05.01	112429	12	2.0	
					10.98-	114174	12	1.1	
	[BFV]	03.05-	111989	14	90				
		03.05-	112002	14	120				
		09.05-	111989	14	90				
TT 1.8 Turbo Roadster	[AUM]	01.01-	112002	14	120	01.01-	112005	12	1.1
	[AUM]	01.01-	111989	14	90				
TT 2.0 TFSI	[BWA]	10.06- 06.10	113992	14	140	10.06- 06.10	113773	12	1.1
	[CESA]					05.10-	113773	12	1.1
TT 2.0 TFSI Quattro	[CDLB]	05.08-	113992	14	140				
	[CESA]					05.10-	113773	12	1.1
	[CETA]					05.10-	113773	12	1.1
TT 2.0 TDI Quattro	[CBBB]	06.08-	113992	14	140				
TT 2.5 TFSI Quattro	[CEPA]	07.09-	113992	14	140				
TT 3.2 V6 Quattro	[BUB]	08.06- 06.10	113992	14	140	08.06- 06.10	113841	12	1.7
TT 3.2 VR6 Quattro	[BHE]	07.03-	112002	14	120	07.03- 06.06	114174	12	1.1
	[BHE]	07.03-	111989	14	90	07.03-	112005	12	1.1
	[BPF]					06.04- 05.05	114174	12	1.1
V8 3.6 Quattro	[PT]	10.88- 02.94	112777	14	115	10.88- 11.93	112552	12	1.7
V8 4.2 Quattro	[ABH]	10.91- 02.94	112777	14	115	10.91- 11.93	112552	12	1.7
Various Models						06.91- 07.94	112537	12	2.2
						AT 08.88- 08.91	110865	12	0.95
						09.87- 07.88	110850		
						08.91-	111010	12	1.4
						06.94-	112321	12	1.1
					11.94-	112309	12	1.4	
<b>PASSENGER CARS US</b>									
80 2.0	[3A]	01.88- 01.90	112729	14	90	01.88- 01.90	110850		
						01.88- 01.90	110865	12	0.95
80 2.3	[NG]					01.91- 01.92	111010	12	1.4
80 2.3 Quattro	[NG]	01.91- 01.92	112777	14	115				
		01.88- 01.92	112777	14	115	01.88- 01.92	111010	12	1.4
90 1.8 Super		01.70- 01.72	110726#	14	35	01.70- 01.72	110869	12	1.5
90 2.0	[3A]	01.88- 01.88	112729	14	90	01.88- 01.88	110850		
						01.88- 01.88	110865	12	0.95
90 2.3	[NG]					01.88- 01.91	111010	12	1.4
90 2.3 Quattro	[NG]	01.88- 01.91	112777	14	115				
		01.88- 01.89	112777	14	115	01.88- 01.89	111010	12	1.4
90 2.3 20V Quattro	[7A]					01.90- 01.91	111010	12	1.4
		01.90- 01.91	112777	14	115				
90 2.8	[AFC]	01.95- 01.95	112806	14	120	01.95- 01.95	112309	12	1.4
	[AAH]	01.95-	112806	14	120	01.95-	112309	12	1.4
90 2.8 Quattro	[AFC]	01.95- 01.95	112806	14	120	01.95- 01.95	112309	12	1.4
	[AAH]	01.95-	112806	14	120	01.95-	112309	12	1.4
90 2.8 Sport	[AFC]	01.95- 01.95	112806	14	120	01.95- 01.95	112309	12	1.4
	[AAH]	01.95-	112806	14	120	01.95-	112309	12	1.4
90 2.8 Sport Quattro	[AFC]	01.95- 01.95	112806	14	120	01.95- 01.95	112309	12	1.4
	[AAH]	01.95-	112806	14	120	01.95-	112309	12	1.4
90 2.8 CS	[AFC]	01.94- 01.94	112806	14	120	01.94- 01.94	112309	12	1.4
	[AAH]	01.93- 01.94	112806	14	120	01.93- 01.94	112309	12	1.4
90 2.8 CS Quattro	[AFC]	01.94- 01.94	112806	14	120	01.94- 01.94	112309	12	1.4
	[AAH]	01.93- 01.94	112806	14	120	01.93- 01.94	112309	12	1.4
90 2.8 S	[AFC]	01.94- 01.94	112806	14	120	01.94- 01.94	112309	12	1.4
	[AAH]	01.93- 01.94	112806	14	120	01.93- 01.94	112309	12	1.4
100 1.8 LS	[ZT]					01.70- 01.71	110869	12	1.5
	[ZV]					01.70- 01.70	110869	12	1.5
100 1.9	[ZK]	01.72- 01.72	110726#	14	35	01.72- 01.72	110997	12	0.8
	[ZL]	01.72- 01.73	110726#	14	35	01.72- 01.73	110997	12	0.8
	[ZW]	01.73- 01.73	110726#	14	35	01.73- 01.73	110997	12	0.8
100 1.9 GL	[ZK]	01.72- 01.72	110726#	14	35	01.72- 01.72	110997	12	0.8
	[ZL]	01.72- 01.73	110726#	14	35	01.72- 01.73	110997	12	0.8
	[ZW]	01.73- 01.73	110726#	14	35	01.73- 01.73	110997	12	0.8
100 1.9 LS	[XT]	01.74- 01.74	110726#	14	35	01.74- 01.74	110997	12	0.8
						01.74- 01.74	110824	12	1.1
	[XU]	01.74- 01.74	110726#	14	35	01.74- 01.74	110824	12	1.1
						01.74- 01.74	110997	12	0.8
	[YA]	01.75-	110726#	14	35	01.75-	110824	12	1.1
		01.75-	111139	14	75	01.75-	110997	12	0.8
	[YB]	01.75- 01.75	110726#	14	35	01.75- 01.75	110997	12	0.8
		01.75- 01.75	111139	14	75	01.75- 01.75	110824	12	1.1
	[YC]	01.75- 01.77	110726#	14	35	01.75- 01.77	110997	12	0.8
		01.75- 01.77	111139	14	75	01.75- 01.77	110824	12	1.1
	[YD]	01.75- 01.77	110726#	14	35	01.75- 01.77	110997	12	0.8
		01.75- 01.77	111139	14	75	01.75- 01.77	110824	12	1.1
	[ZG]	01.74-	110726#	14	35	01.74-	110997	12	0.8
						01.74-	110824	12	1.1
	[ZH]	01.74- 01.74	110726#	14	35	01.74- 01.74	110997	12	0.8
						01.74- 01.74	110824	12	1.1
	[ZK]	01.72- 01.72	110726#	14	35	01.72- 01.72	110997	12	0.8
						01.72- 01.72	110824	12	1.1
	[ZL]	01.72- 01.73	110726#	14	35	01.72- 01.73	110997	12	0.8
						01.72- 01.73	110824	12	1.1
	[ZW]	01.73- 01.73	110726#	14	35	01.73- 01.73	110997	12	0.8
						01.73- 01.73	110824	12	1.1
100 2.3	[NF]	01.89- 01.91	112777	14	115	01.89- 01.91	111010	12	1.4
100 2.3 Quattro	[NF]	01.89- 01.91	112777	14	115	01.89- 01.91	111010	12	1.4
100 2.3 E	[NF]					01.89-	111010	12	1.4
		01.89-	112777	14	115				
100 2.8	[AAH]	01.92- 01.93	112806	14	120	01.92- 01.93	112309	12	1.4
100 2.8 CS	[AAH]	01.92- 01.94	112806	14	120	01.92- 01.94	112309	12	1.4
100 2.8 CS Quattro	[AAH]	01.92- 01.94	112806	14	120	01.92- 01.94	112309	12	1.4
100 2.8 S	[AAH]	01.92- 01.94	112806	14	120	01.92- 01.94	112309	12	1.4
100 2.8 S Quattro	[AAH]	01.93-	112806	14	120	01.93-	112309	12	1.4
200 2.2 Quattro	[MC]					01.89-	111010	12	1.4
		01.89-	112729	14	90				
		01.89-	112777	14	115				
200 2.2 Turbo 10V Quattro	[MC]					01.91-	111010	12	1.4
		01.91-	112777	14	115				
200 2.2 Turbo 20V Quattro	[3B]					01.91-	111010	12	1.4
		01.91-	112777	14	115				
200 2.2 Turbo	[MC]					01.89-	111010	12	1.4
		01.89-	112729	14	90				
		01.89- 01.91	112777	14	115				





200 2.2 Turbo Quattro	[MC]					01.90-	111010	12	1.4
4000 1.6	[YG]	01.90-	112777	14	115				
		01.80-	110726#	14	35	01.80-	111058	12	0.8
	[YH]	01.80-	110913	14	70				
		01.80-	110726#	14	35	01.80-	111058	12	0.8
4000 1.6	[CR]	01.82-	110990#	14	90	01.82-	110861		
		01.82-	111035	14	65				
	[JK]	01.83-	110990#	14	90	01.83-	110861		
		01.83-	111035	14	65				
4000 1.6 Turbo	[CV]	01.82- 01.83	110990#	14	90	01.82- 01.83	110861		
		01.82- 01.83	111035	14	65				
4000 1.7	[WT]	01.81- 01.83	110726#	14	35	01.81- 01.83	111058	12	0.95
		01.81- 01.83	110913	14	70				
4000 1.8 S	[JN]					01.84-	110865	12	0.95
	[MG]					01.85- 01.87	110865	12	0.95
4000 2.2		01.87-	112729	14	90				
		01.80- 01.83	110911	14	55	01.80- 01.83	110824	12	1.1
		01.80- 01.83	111139	14	75				
		08.81- 05.83	110357	14	55				
		08.81- 05.83	111652	14	65				
		AC 08.81- 07.84	110990#	14	90				
4000 2.2 CS Quattro	[JT]					01.86- 01.86	111010	12	1.4
4000 2.2 S	[KX]					01.86-	111010	12	1.4
	[WE]					01.84-	111010	12	1.4
4000 2.2 S Quattro	[JT]					01.84- 01.85	111010	12	1.4
5000 2.0	[CN]	01.79- 01.81	110911	14	55	01.81- 01.81	110368	12	2.3
		01.79- 01.81	111139	14	75				
5000 2.0 S	[CN]	01.79- 01.81	110911	14	55	01.79- 01.81	110368	12	2.3
		01.79- 01.81	111139	14	75				
5000 2.0 Turbo	[DE]	01.82- 01.85	110990#	14	90	01.82- 01.83	110368	12	2.3
						01.84- 01.85	111112	12	2.0
5000 2.2	[WD]	01.78- 01.80	110911	14	55	01.78- 01.83	110824	12	1.1
		01.78- 01.83	111139	14	75				
		01.81- 01.83	110913	14	70				
	[WE]	01.78- 01.80	110911	14	55	01.78- 01.83	110824	12	1.1
		01.78- 01.83	111139	14	75				
		01.81- 01.83	110913	14	70				
5000 2.2 CS Turbo	[MC]	01.86- 01.88	112729	14	90	01.86- 01.88	111010	12	1.4
5000 2.2 CS Turbo Quattro	[MC]	01.86- 01.88	112729	14	90	01.86- 01.88	111010	12	1.4
5000 2.2 S Turbo	[KH]					01.84- 01.85	111010	12	1.4
	[WK]	01.80- 01.80	110911	14	55	01.80- 01.80	110824	12	1.1
		01.80- 01.80	111139	14	75				
5000 2.2 S	[KZ]					01.85- 01.87	111010	12	1.4
		01.88-	112729	14	90				
	[WD]	01.79- 01.83	110911	14	55	01.79- 01.83	110824	12	1.1
		01.79- 01.83	111139	14	75				
	[WE]	01.79- 01.83	110911	14	55	01.79- 01.83	110824	12	1.1
		01.79- 01.83	111139	14	75				
	[WU]					01.84- 01.84	111010	12	1.4
5000 2.2 Turbo	[WK]	01.81- 01.83	110913	14	70	01.81- 01.83	110824	12	1.1
		01.81- 01.83	111139	14	75				
5000 2.3 S	[NF]					01.87- 01.88	111010	12	1.4
5000 2.3 S Quattro	[NF]	01.87- 01.88	112777	14	115	01.87- 01.88	111010	12	1.4
A4 1.8 Turbo	[AEB]	01.97- 01.99	111478	14	90	01.97- 01.99	112321	12	1.1
	[AMB]	01.02- 01.03	112399	14	90	01.02- 01.03	112321	12	1.1
	[ATW]	01.00- 01.00	112399	14	90	01.00- 01.00	112321	12	1.1
	[AWM]	01.01- 01.01	112399	14	90	01.01- 01.01	112321	12	1.1
A4 1.8 Turbo Quattro	[AEB]	01.97- 01.99	111478	14	90	01.97- 01.99	112321	12	1.1
	[AMB]	01.02- 01.03	112399	14	90	01.02- 01.03	112321	12	1.1
	[ATW]	01.00- 01.00	112399	14	90	01.00- 01.00	112321	12	1.1
	[AWM]	01.01- 01.01	112399	14	90	01.01- 01.01	112321	12	1.1
A4 2.8	[AFC]	01.96- 01.97	112806	14	120	01.96- 01.97	112309	12	1.4
	[AHA]	01.97- 01.99	112806	14	120	01.97- 01.99	112309	12	1.4
	[ATQ]	01.00- 01.01	112806	14	120	01.00- 01.01	112309	12	1.4
		01.96- 01.97	112806	14	120	01.96- 01.97	112309	12	1.4
A4 2.8 Quattro	[AFC]	01.98- 01.99	112806	14	120	01.98- 01.99	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120	01.98- 01.99	112309	12	1.4
	[ATQ]	01.00- 01.00	112806	14	120	01.00- 01.00	112309	12	1.4
		01.01- 01.01	112399	14	90	01.01- 01.01	111769	12	1.4
A4 3.0	[AVK]				01.02- 01.02	111769	12	1.4	
A4 3.0 Quattro	[AVK]				01.02- 01.02	111769	12	1.4	
A6 2.7 Turbo Quattro	[APB]					01.00- 01.02	111769	12	1.4
A6 2.8	[AFC]	01.95- 01.98	112806	14	120	01.95- 01.98	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120	01.98- 01.99	111769	12	1.4
	[ATQ]	01.00- 01.00	112806	14	120	01.00- 01.00	111769	12	1.4
		01.95-	112806	14	120	01.95-	112309	12	1.4
A6 2.8 Quattro	[AFC]	01.95- 01.98	112806	14	120	01.95- 01.98	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120	01.98- 01.99	111769	12	1.4
	[ATQ]					01.00- 01.01	111769	12	1.4
						01.02- 01.02	111769	12	1.4
A6 3.0 Quattro	[AVK]					01.00- 01.00	111817	12	1.8
A6 4.2 Quattro	[ART]					01.01- 01.02	111817	12	1.8
	[AWN]					01.01- 01.02	111817	12	1.8
A8 3.7	[AEW]					01.97- 01.99	111817	12	1.8
A8 4.2 Quattro	[ABZ]					01.97- 01.99	111817	12	1.8
	[AKB]					01.00- 01.02	111817	12	1.8
	[AUX]					01.01- 01.02	111817	12	1.8
A8 4.2 L Quattro	[AKB]					01.01- 01.02	111817	12	1.8
	[AUX]					01.01- 01.02	111817	12	1.8
Allroad 2.7 Turbo Quattro	[APB]					01.01- 01.02	111769	12	1.4
Cabriolet 2.8	[AAH]	01.94-	112806	14	120	01.94-	112309	12	1.4
	[AFC]	01.95- 01.98	112806	14	120	01.95- 01.98	112309	12	1.4
Coupe 2.2	[WE]	01.81- 01.82	111139	14	75	01.81- 01.82	110824	12	1.1
Coupe 2.2 GT	[KX]					01.84- 01.85	110824	12	1.1
						01.84- 01.87	111010	12	1.4
		01.86- 01.87	112729	14	90				
	[WE]	01.83- 01.84	110913	14	70	01.83- 01.84	111010	12	1.4
		01.83- 01.84	111139	14	75	01.83- 01.84	110824	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**AUDI Continued**

Coupe 2.2 Turbo Quattro	[WX]	01.83- 01.84	111139	14	75	01.85- 01.84	111010	12	1.4
		01.85-	110990#	14	90	110824	12	1.1	
Coupe 2.3 Quattro	[7A]	01.90- 01.91	112777	14	115	01.90- 01.91	111010	12	1.4
Coupe 2.3 GT	[NG]	01.87-	112729	14	90	01.87-	111010	12	1.4
Fox 1.5	[XV]	01.74-	110357	14	55	01.74-	111058	12	0.8
		01.74-	110726#	14	35				
	[XW]	01.74-	110357	14	55	01.74-	111058	12	0.8
		01.74-	110726#	14	35				
	[XY]	01.74-	110357	14	55	01.74-	111058	12	0.8
		01.74-	110726#	14	35				
	[XZ]	01.74-	110357	14	55	01.74-	111058	12	0.8
		01.74-	110726#	14	35				
[ZD]	01.73-	110357	14	55	01.73-	111058	12	0.8	
	01.73-	110726#	14	35					
[ZE]	01.73-	110357	14	55	01.73-	111058	12	0.8	
	01.73-	110726#	14	35					
Fox 1.6	[YG]	01.75- 01.79	110357	14	55	01.75- 01.79	111058	12	0.8
		01.75- 01.79	110726#	14	35				
	[YH]	01.75- 01.79	110357	14	55	01.75- 01.79	111058	12	0.8
[YK]	01.76-	110357	14	55	01.76-	111058	12	0.8	
	01.76-	110726#	14	35					
S4 2.2 Turbo	[AAN]	01.92- 01.94	112777	14	115	01.92- 01.94	111010	12	1.4
S4 2.7 Turbo	[APB]					01.00- 01.02	111769	12	1.4
S6 2.2 Turbo	[AAN]	01.95-	112806	14	120	01.95-	111010	12	1.4
S6 4.2	[BBD]					01.02- 01.02	111817	12	1.8
S8 4.2	[AYS]					01.02- 01.02	111817	12	1.8
						01.01- 01.01	111817	12	1.8
TT 1.8 Turbo	[ATC]	01.00- 01.00	112402	14	120	01.00- 01.00	112005	12	1.1
		01.01- 01.02	112402	14	120	01.01- 01.02	112429	12	2.0
	[AWP]	01.03-	112002	14	120	01.01- 01.02	112005	12	1.1
TT 1.8 Turbo Quattro	[AMU]	01.01- 01.02	112402	14	120	01.01- 01.02	112429	12	2.0
						01.01- 01.02	112005	12	1.1
	[ATC]	01.00- 01.00	112402	14	120	01.00- 01.00	112005	12	1.1
		01.01- 01.02	112402	14	120	01.01- 01.02	112005	12	1.1
[BEA]	01.03-	112002	14	120	01.01- 01.02	112429	12	2.0	
	01.03-	112402	14	120					
V8 3.6 32V Quattro	[PT]	01.90- 01.91	112777	14	115	01.90- 01.91	112552	12	1.7
V8 4.2 32V Quattro	[ABH]	01.92- 01.94	112777	14	115	01.92- 01.94	112552	12	1.7
<b>PASSENGER CARS AO</b>									
A3 1.8 Turbo	[BVZ]					08.06-	113773	12	1.1
A3 2.0	[BUY]	06.06-	113992	14	140				
A3 2.0 Sportback	[BUY]	06.06-	113992	14	140				
A3 3.2 V6	[BMJ]	11.05- 09.06	113992	14	140				
	[BUB]	11.05- 09.06	113992	14	140				
A4 2.0 TDI	[BVF]	11.05- 03.08	113992	14	140	AT 11.05- 03.08	114177	12	2.0
A4 2.0 TDI Quattro	[CAHA]	01.08-	114322	14	140				
A4 2.4	[AFM]	06.96- 07.97	111478	14	90				
		06.96- 07.97	112086	14	60				
A4 2.6	[ACZ]	06.96- 07.97	111478	14	90				
		06.96- 07.97	112806	14	120				
A6 3.0 TDI PF	[ASB]					06.06-	114094	12	2.2
A8 3.0 L Quattro	[ASN]	08.03- 05.05	113751	14	120	08.03- 05.05	111769	12	1.4
	[BBJ]	11.03- 05.04	113751	14	120	11.03- 05.06	111769	12	1.4
TT 2.0 Quattro	[CDLA]	05.08-	113992	14	140				
<b>Austin</b>									
<b>PASSENGER CARS EU</b>									
1100 MK 1.1		01.72- 12.74	110178	14	36	01.70- 12.74	111102	12	0.8
		01.73- 12.74	110759	14	35				
		01.72- 12.74	110995						
1300 MK 1.3		01.73- 12.74	110759	14	35	01.70- 12.74	111102	12	0.8
		01.72- 12.74	110178	14	36				
		01.72- 12.74	110995						
1300 MK 1.3 GT		01.73- 12.74	110759	14	35	01.70- 12.74	111102	12	0.8
		01.72- 12.74	110178	14	36				
		01.72- 12.74	110995						
Allegro 1.0	ADO67	01.80- 10.83	111185	14	43	01.80- 10.83	111102	12	0.8
Allegro 1.1	[10H]	05.73- 04.77	110759	14	35	05.73- 10.81	111102	12	0.8
		05.73- 10.81	110178	14	36				
		05.73- 10.81	111185	14	43				
Allegro 1.3	ADO67	01.75- 10.79	113378	14	45	01.75- 10.79	111102	12	0.8
		05.73- 04.77	110759	14	35	05.73- 10.83	111102	12	0.8
		05.73- 10.83	110178	14	36				
		05.73- 10.83	111185	14	43				
		05.77- 03.82	110362						
Allegro 1.5	[14H]	08.75-	113378	14	45	05.73- 03.82	111102	12	0.8
		05.73-	110178	14	36				
		05.73- 03.82	111185	14	43				
Allegro 1.7		01.75- 10.79	110178	14	36				
		08.79-	111185	14	43				
Ambassador 1.7		03.82- 02.84	111289	14	70				
Ambassador 2.0	[20H]	03.82- 10.84	111289	14	70				
		03.82-	111289	14	70				
Maestro 1.3	[12H]	03.83- 08.90	110770	14	55				
		03.83-	113474	14	65				
		[12H999AA]	03.83- 08.85	111289	14	70			
Maestro 1.6	[16H956AK]	03.83- 10.84	111086	14	65				
		03.83- 10.84	113474	14	65				
		[16HA03AL]	03.83- 08.85	111086	14	65			
		[16HC37]	03.83-	113474	14	65			
Maestro 1.6 MG	[16HA35AL]	03.83- 08.90	111086	14	65				
		03.83-	113474	14	65				
Maestro 2.0	[20HA50AA]	10.84- 08.90	110770	14	55	10.84- 08.90	111131	12	0.8
		10.84- 08.90	110770	14	55	10.84- 08.90	111131	12	0.8
		10.84- 08.90	110770	14	55	10.84- 08.90	111131	12	0.8
Maxi 1.5 1500		04.69- 07.80	110178	14	36	04.69- 07.80	111102	12	0.8
Maxi 1.8 1750	[17H]	04.69- 10.80	110178	14	36	04.69- 10.80	111102	12	0.8
		10.72- 10.80	110178	14	36	10.72- 10.80	111102	12	0.8
Maxi 1750 1.7	[17H]	10.80- 12.82	110178	14	36				
		10.80- 12.82	113378	14	45				
Maxi 1750 HLS 1.7	[17H]	10.80- 12.82	113378	14	45				
Metro 1.0	[99H]	10.80- 04.90	111185	14	43	10.80- 12.86	111102	12	0.8
		10.80- 04.90	111289	14	70	10.87- 04.90	111126	12	0.8
	[99HA65P]	10.80- 04.90	111185	14	43	10.80- 12.86	111102	12	0.8
		10.80- 04.90	111289	14	70	01.87- 04.90	111126	12	0.8
	[A]	10.80-	111185	14	43	10.80-	111102	12	0.8
		10.80- 04.90	111289	14	70	10.80- 04.90	111126	12	0.8



Metro 1.3	[12H]	10.80- 12.84	111185	14	43	10.80- 111102	12	0.8	
		01.85- 04.90	111289	14	70	10.80- 04.90	111126	12	0.8
	[12H96AA]	10.80- 12.84	111185	14	43	10.80- 111102	12	0.8	
		01.85- 12.85	111289	14	70	10.80- 12.90	111126	12	0.8
	[12HA83AA]	10.80- 12.84	111185	14	43	10.80- 111102	12	0.8	
		01.85- 04.90	111289	14	70	10.80- 04.90	111126	12	0.8
Metro 1.3 Turbo	[12HC21AA]	11.85- 04.90	111289	14	70	11.85- 12.86	111102	12	0.8
						01.87- 04.90	111126	12	0.8
	[12HL]	10.80- 12.83	111185	14	43				
	[12HA85AA]	10.83- 04.90	111362	14	55	10.83- 111102	12	0.8	
						10.83- 04.90	111126	12	0.8
Mini 0.85 850		01.67- 08.79	110178	14	36	01.67- 08.79	111102	12	0.8
Mini 1.0 1000	[99H]	10.67- 08.88	110178	14	36				
		10.67- 08.88	111185	14	43	10.67- 09.84	111102	12	0.8
	[99HD81]	01.92- 06.93	111289	14	70				
	[A]	10.67- 110178	14	36	10.67- 09.84	111102	12	0.8	
		10.67- 09.84	111185	14	43				
Mini 1.0 1000 Mayfair Sport	[99H997P]	08.82- 06.93	111289	14	70	08.82- 10.85	111102	12	0.8
		08.82- 06.93	111185	14	43	08.82- 10.85	111102	12	0.8
	[99HA53P]	08.82- 06.93	111289	14	70				
		08.82- 06.93	111289	14	70				
	[99HC20P]	08.82- 06.93	111289	14	70	08.82- 10.85	111102	12	0.8
	[99HD81]	09.88- 06.93	111289	14	70				
Mini 1.1 1100 Special	[10H]	01.76- 08.81	110178	14	36	01.76- 08.81	111102	12	0.8
Mini 1.3 1300	[12A2A]	01.91- 12.91	110178	14	36				
		01.92- 111289	14	70					
	[12A2D]	01.92- 112203	14	65					
		01.92- 112203	14	65					
	[12A2E]	01.92- 112203	14	65					
	[12A2L]	01.92- 112203	14	65					
Mini 11.3 GT 1275		10.69- 08.80	110178	14	36	10.69- 08.80	111102	12	0.8
Montego 1.3	[12HL]	10.84- 08.88	111362	14	55				
		04.84- 08.88	111086	14	65				
Montego 1.6	[16HC37]	AC 04.84- 08.88	112238	14	65				
Montego 2.0	[20H]	04.84- 08.91	110770	14	55				
		04.84- 08.88	110968	14	70				
		04.84- 08.91	110770	14	55				
	[20HSC]	04.84- 08.88	110968	14	70				
		AC 04.84- 08.88	111355	14	65				
Montego 2.0 i Turbo	[20HC85]	04.84- 08.88	110770	14	55				
		04.84- 08.88	110968	14	70				
		AC 04.84- 08.88	111355	14	65				
Montego 2.0 i	[20H]	04.84- 08.88	110770	14	55				
		04.84- 08.88	110968	14	70				
		AC 04.84- 08.88	111355	14	65				
Princess 1.7 1700		10.72- 10.82	111185	14	43				
Princess 1.8 1800	[18H]	04.76- 09.78	111185	14	43				
Princess 2.0 2000	[20H]	10.78- 10.82	111185	14	43				
Princess 2.2 2200	[22H]	04.76- 09.78	111185	14	43				
		10.78- 10.82	111185	14	43				
<b>PASSENGER CARS US</b>									
America 1.3						01.68- 01.72	111102	12	0.8
Cooper 0.9						01.65- 01.66	111102	12	0.8
Cooper 1.0						01.62- 01.64	111102	12	0.8
Cooper 1.1						01.64- 01.64	111102	12	0.8
Cooper 1.3						01.64- 01.69	111102	12	0.8
Healey 1.0 Sprite						01.62- 01.62	111102	12	0.8
Healey 1.1 Sprite						01.63- 01.66	111102	12	0.8
Healey 1.3 Sprite						01.67- 01.67	111102	12	0.8
Healey MK 1.3 Sprite						01.68- 01.70	111102	12	0.8
Mariner 1.8		01.73- 01.75	110178	14	36				
Mariner 1.8 GT		01.73- 01.75	110178	14	36				
<b>Austin-Healey</b>									
<b>PASSENGER CARS EU</b>									
Sprite MK 1.1		03.64- 09.66	110497	14	70				
Sprite MK 1.3		03.66- 10.71	110497	14	70				
<b>Autobianchi</b>									
<b>PASSENGER CARS EU</b>									
A 112 0.9	[A112A5.000]					01.76- 12.78	110365	12	0.8
A 112 0.9 Junior	[A112A5.000]	07.75- 12.85	111078	14	45	07.75- 12.85	110365	12	0.8
	[A112B2.000]	07.75- 12.85	111078	14	45	07.75- 12.85	110365	12	0.8
A 112 0.9 E	[A112A5.000]					01.73- 12.77	110365	12	0.8
	[A112A1.000]					09.71- 12.75	110365	12	0.8
A 112 1.0 Abarth	[A112A2.000]	01.74- 12.84	111078	14	45	01.74- 12.84	110365	12	0.8
	[A112B1.000]	11.77- 12.84	111078	14	45	11.77- 12.84	110365	12	0.8
A 112 1.0 E Elite LX									
Y10 1.0	[156A.000]	03.85- 111035	14	65	03.85- 111025	12	0.8		
	[156A2.000]	03.85- 111621	14	55	03.85- 111025	12	0.8		
	[156A2.246]	10.87- 111036	14	45	10.87- 111025	12	0.8		
	[156A3.000]	12.86- 111036	14	45	12.86- 111025	12	0.8		
Y10 1.0 4WD									
Y10 1.0 Turbo	[156A1.000]	03.85- 111621	14	55	03.85- 111025	12	0.8		
Y10 1.1	[156C.000]	06.89- 111621	14	55	06.89- 111025	12	0.8		
Y10 1.1 4WD	[156C.000]	06.89- 111621	14	55	06.89- 111025	12	0.8		
Y10 1.1 i.e.	[156C.046]	09.90- 111621	14	55	09.90- 111025	12	0.8		
Y10 1.3 i.e. GT	[146A5.046]	06.89- 111148	14	65	01.89- 09.92	111025	12	0.8	
	[156B.000]	06.89- 111148	14	65	06.89- 110827	12	0.8		
<b>Avia</b>									
<b>PASSENGER CARS AO</b>									
A21 3.6 Diesel	[VN8160]					D 407.03.00	111201		
A31 3.6 Diesel	[VN8160]					D407.01.02	111201		
<b>INDUSTRY</b>									
Various Models						01.77- 01.79	111573	12	2.8
							111269	12	1.4
									GR
						01.96-	111201		DD
<b>Balkancar</b>									
<b>INDUSTRY</b>									
Various Models							114254	12	2.7
						01.68- 01.74	110443	12	2.1
						01.69-	110442	12	2.1
						01.81-	110545	12	3.0
<b>Barber Greene</b>									
<b>INDUSTRY</b>									
Various Models							113269	12	3.0
<b>Baudouin</b>									
<b>MARINE</b>									
Various Models			110052	28	40				
			112110	28	45				
			112108#	28	35				
			112111	14	70				
<b>BCS</b>									
<b>AGRICULTURE</b>									
270						12.86-	112171	12	1.1
303						12.86-	112171	12	1.1
						06.78-	112034	12	1.7
603						06.90-	112171	12	1.1
622						01.68-	112034	12	1.7
701						03.86-	112171	12	1.1
735						04.88-	112171	12	1.1
737						07.89-	112171	12	1.1
745						01.84-	112171	12	1.1
						01.84-	112034	12	1.7
									GR
									DD

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

Bedford									
PASSENGER CARS EU									
Astramax 1.3		01.84- 12.88	113376	14	55				
Blitz 1.8	[N18Z]					08.69- 10.87	110341	12	0.8
						08.69- 10.87	110589		
Blitz 2.0	[20N]					02.85- 10.87	110341	12	0.8
		02.85- 10.87	111178	14	70	02.85- 10.87	110792	12	1.0
						02.85- 10.87	110589		
Blitz 2.0 Diesel	[20DTR]	10.80- 10.83	111166	14	70	10.80- 10.83	110779	12	2.0
Blitz 2.1 Diesel	[21D]					09.81- 10.87	111134		
Blitz 2.3	[23L]	02.80- 10.83	111656	14	45	02.80- 10.83	110779	12	2.0
Blitz 2.3 Diesel	[23D]	01.80- 12.83	113376	14	55	09.84- 10.87	110844	12	2.2
		01.84- 10.87	111669	14	55	01.73- 10.83	110779	12	2.0
Midi 1.8	[4ZB1]					09.84- 05.88	110317		
Midi 2.0	[20PET]					06.88- 08.92	110317		
Midi 2.0 4WD	[20PET]					06.88- 08.92	110317		
Midi 2.2 Diesel	[22DIE]	06.88- 08.92	111291	14	55	01.85- 01.88	110718#	12	1.4
						01.85- 08.92	110316	12	2.0
Midi 2.2 Diesel 4WD	[22DIE]	06.88- 08.92	111291	14	55	01.85- 01.88	110718#	12	1.4
						01.88- 08.92	110316	12	2.0
Rascal 1.0	[FA10A]	07.86- 06.90	110385	14	40	07.86- 06.90	110402	12	0.6
						07.86- 06.90	111385	12	0.6
TL 3.6	[220]					01.80- 11.86	110459	12	2.8
TL 5.4	[330]					01.80- 11.86	110459	12	2.8
						01.80- 11.86	111737	12	2.8
Various Models						01.85-	110316	12	2.0
		01.76- 12.89	113376	14	55	01.85- 01.88	110718#	12	1.4
		10.78- 12.80	111656	14	45	01.75-	110459	12	2.8
							112655#	12	3.6
						10.68- 01.75	110341	12	0.8
TRUCKS EU									
Various Models		01.72- 12.86	113376	14	55	01.75-	110459	12	2.8
		01.72-	110179	14	36	09.84-	110844	12	2.2
		01.70-	110178	14	36				
Belarus									
AGRICULTURE									
400							113431	12	3.0
420							113431	12	3.0
425							113431	12	3.0
500						01.79- 01.91	111350	12	3.0
505						01.79- 01.91	111350	12	3.0
520						01.79- 01.91	111350	12	3.0
525						01.79- 01.91	111350	12	3.0
530						01.94- 01.96	111350	12	3.0
532						01.94- 01.96	111350	12	3.0
560						01.92- 01.96	111350	12	3.0
562						01.92- 01.96	111350	12	3.0
5111							111350	12	3.0
5145							111350	12	3.0
MTZ 100	[D240T]						111351	24	5.9
							112488	12	2.7
MTZ 1221 7.2	[D-260.2]						113356	24	3.5
MTZ 142	[D181T]						111351	24	5.9
							112488	12	2.7
MTZ 145	[D260T]						111351	24	5.9
							112488	12	2.7
MTZ 1522 7.2	[D-260.6]						113356	24	3.5
MTZ 80	[D240]						110594#	12	3.0
							111351	24	5.9
							112488	12	2.7
MTZ 890	[D-245.5]						113356	24	3.5
Various Models							113431	12	3.0
							110594#	12	3.0
							111351	24	5.9
							112488	12	2.7
Bedford									
AGRICULTURE									
Various Models							113269	12	3.0
Benfra									
INDUSTRY									
Various Models	[8031..]					01.79- 06.85	110517	24	3.2
						07.85-	110521	24	4.0
						01.79- 06.85	110529	12	3.0
						07.87- 06.90	110813	12	2.7
	[8041..]	01.89- 01.91	111419	28	55	04.81- 02.82	110517	24	3.2
						01.80-	110521	24	4.0
						01.89-	110529	12	3.0
	[8051..]					07.81-	110521	24	4.0
	[8061..]	05.89-	111419	28	55	10.85- 04.91	110529	12	3.0
						10.82-	110521	24	4.0
	[8131..]					01.80- 01.88	110814	12	2.7
	[8361..]	05.89-	111419	28	55	01.82-	110518	24	4.0
Bertolini									
INDUSTRY									
Various Models						04.86- 07.87	112173	12	2.7
						01.67-	112171	12	1.1
						09.87-	111911	12	1.4
Bertone									
PASSENGER CARS US									
X-1/9 1.5		01.84-	110612	14	43	01.84- 01.89	110825#	12	0.9
Bluebird									
TRUCKS US									
Various Models	[Caterpillar 3116]								
	[Caterpillar 3126]								
BMW									
PASSENGER CARS EU									
116 1.6 i	(E81)[N45B16A]	09.07-	113871	14	150				
	(E87)[N45B16A]	09.04-	113871	14	150	09.04-	114297	12	1.2
118 2.0 i	(E81)[N46B20B]	05.07-	113871	14	150				
	(E87)[N46B20B]	09.04- 03.07	113871	14	150	09.04-	114297	12	1.2
120 2.0 i	(E81)[N46B20B]	05.07-	113871	14	150				
	(E81_E87)[N46B20]					03.07-	114297	12	1.2
	(E87)[N46B20]	09.04- 03.07	113871	14	150	09.04-	114297	12	1.2
	[N46B20B]	03.07-	113871	14	150				
	[N46B20C]	03.07-	113871	14	150				
315 1.6	(E21)[M10B16]					03.81- 02.91	111052	12	1.5
316 1.6	(E21)[M10B16]	08.75- 08.80	110877	14	65	08.75- 08.80	110855	12	0.8
		08.75- 03.77	112310	14	55				
		01.79- 08.82	110876#	14	65				
316 1.6 Ci	(E46)[M43B16]	04.00-	112465	14	100	04.00-	111911	12	1.4
		10.99-	112413	14	90				
	[N45B16A]	06.02-	113871	14	150	06.02-	113292	12	1.4
316 1.6 i	(E30)[M40B16]	09.87- 08.88	111147	14	80	09.87- 06.91	111911	12	1.4
		09.88- 06.94	112764	14	90	09.87- 06.94	114118	12	1.4
						07.88- 06.91	111052	12	1.5
	[M40B16C]					09.87- 06.90	114118	12	1.4



	(E36)[M40B16]	09.90-09.93	113864	14	90			09.90-09.93	114118	12	1.4
		09.90-09.93	113865	14	90						
		12.90-09.93	112683	14	105						
	[M43B16]	07.93-12.98	111946	14	80		07.93-08.00	114118	12	1.4	
		07.93-08.00	113831	14	70		07.93-12.98	111911	12	1.4	
	(E46)[M43B16]	04.00-02.05	112413	14	90		04.00-	111911	12	1.4	
		04.00-02.05	113831	14	70						
	[N45B16A]	06.02-02.05	113871	14	150		06.02-	113292	12	1.4	
	(E90)[N45B16A]	09.05-	113871	14	150		09.05-	114297	12	1.2	
316 1.6 G	(E36)[M43B16]	12.95-	111946	14	80		12.95-08.00	114118	12	1.4	
		12.95-08.00	113831	14	70		12.95-	111911	12	1.4	
316 1.8	(E21)[M10B18]						09.80-12.80	110855	12	0.8	
							01.81-08.82	111052	12	1.5	
	(E30)[M10B18]	09.82-12.85	110877	14	65		09.82-12.87	111052	12	1.5	
		09.82-08.85	111147	14	80						
316 1.8 Ecotronic	(E30)[M10B18]	09.83-08.87	110877	14	65		09.83-08.87	111052	12	1.5	
		09.83-08.85	111147	14	80						
		09.85-08.87	112740	14	80						
316 1.8 i	(E30)[M10B18]	09.87-08.88	111147	14	80		08.87-08.88	111052	12	1.5	
	(E46)[N42B18]	02.02-	113294				02.02-	113292	12	1.4	
316 1.8 Ti	(E46)[N42B18]	06.01-04.02	113294				06.01-	113292	12	1.4	
316 1.9 i	(E36)[M43164E3]	12.98-08.00	111946	14	80		01.99-	111911	12	1.4	
		12.98-08.00	113831	14	70						
		01.99-09.00	112413	14	90						
	(E46)[M43164E3]	01.99-	112413	14	90		01.99-	111911	12	1.4	
		01.99-	112465	14	100						
318 1.7 TDS	(E36)[M41D18]	01.95-08.00	113868	14	95		01.95-08.00	111911	12	1.4	
							01.95-02.98	111318			
							01.95-	111908	12	1.8	
318 1.8	(E21)[M10B18]	08.75-08.80	110877	14	65		08.75-08.80	110855	12	0.8	
		01.79-08.82	110876#	14	65						
318 1.8 i	(E21)[M10B18]	11.79-08.82	110876#	14	65		11.79-08.82	111052	12	1.5	
	(E30)[M10B18]	09.82-08.83	110876#	14	65		09.82-08.87	111052	12	1.5	
		12.84-08.87	111147	14	80						
	[M40B18]	01.88-06.94	112764	14	90		09.87-06.94	114118	12	1.4	
							09.87-04.93	111911	12	1.4	
	(E36)[M40B18]	12.90-02.94	112683	14	105		12.90-02.94	114118	12	1.4	
		12.90-10.93	113864	14	90						
		12.90-10.93	113865	14	90						
	[M43B18]						01.94-	111911	12	1.4	
		09.93-	111946	14	80		10.93-02.98	114118	12	1.4	
		10.93-10.99	113831	14	70						
318 1.8 IS	(E30)[M42B18]	09.89-08.91	112764	14	90		09.89-08.91	111911	12	1.4	
		09.89-08.91	113864	14	90		09.89-08.91	114118	12	1.4	
		09.89-08.91	113865	14	90						
		11.89-12.91	113576#	14	70						
	(E36)[M42B18]	03.92-09.93	112683	14	105		03.92-10.95	114118	12	1.4	
		03.92-09.97	113831	14	70		03.92-09.97	111911	12	1.4	
		03.92-09.97	113864	14	90						
		03.92-09.97	113865	14	90						
		09.93-09.97	111946	14	80						
318 1.8 Ti	(E36)[M42B18]	11.94-08.95	111946	14	80		11.94-08.95	111911	12	1.4	
		11.94-08.95	113831	14	70		11.94-08.95	114118	12	1.4	
318 1.9 i	(E46)[M43B19]	02.98-	112413	14	90		02.98-	111911	12	1.4	
		02.98-	112465	14	100						
318 1.9 IS	(E36)[M44B19]	09.95-	111946	14	80		09.95-	111911	12	1.4	
		09.95-04.99	113831	14	70						
318 1.9 Ti	(E36)[M44B19]	07.95-	111946	14	80		07.95-	111911	12	1.4	
		07.95-08.00	113831	14	70						
318 2.0 Ci	(E46)[N42B20]	09.01-	113294				09.01-	113292	12	1.4	
	[N42B20A]	09.01-	113294				09.01-	113292	12	1.4	
	(N46B20)	02.05-	113871	14	150		02.05-	113292	12	1.4	
318 2.0 i	(E46)[N42B20]	09.01-	113294				09.01-	113292	12	1.4	
	(E90)[N46B20B]	09.05-	113871	14	150		09.05-	114297	12	1.2	
	[N46B20TU2]						09.07-	114297	12	1.2	
	(E91)[N46B20B]	03.06-	113871	14	150		01.06-	114297	12	1.2	
	[N46B20TU2]						09.07-	114297	12	1.2	
318 2.0 Ti	(E46)[N42B20]	09.01-	113294				09.01-	113292	12	1.4	
	(N46B20)						09.01-02.05	113292	12	1.4	
318 2.0 Diesel	(E46)[M47204D1]	09.01-	113407	14	150		09.01-03.03	113925	12	1.8	
	[M47N204D4]	03.03-02.05	113858	14	150		03.03-02.05	114127	12	1.6	
		03.03-02.05	113881	14	150						
318 2.0 TD	(E46)[M47N204D4]	03.03-02.05	113881	14	150		03.03-02.05	114127	12	1.6	
320 2.0	(E21)[M10B20]	08.75-03.77	112310	14	55		08.75-08.77	110772	12	1.0	
320 2.0 i	(E21)[M10B20]						10.75-08.77	110772	12	1.0	
	(E30)[M20B20]	09.82-08.83	110876#	14	65		09.82-06.87	111105			
		09.82-08.85	111147	14	80		01.88-12.91	111400	12	1.4	
		09.85-10.93	112740	14	80						
	(E36)[M50B20]	09.90-12.95	112687	14	80		09.90-12.95	111911	12	1.4	
		09.90-08.91	112692#	14	105						
		09.90-08.91	112699#	14	140						
		09.90-08.91	112809#	14	90						
		09.91-06.95	111776#	14	80						
	[M52B20]	09.94-12.99	112687	14	80		09.94-12.99	111911	12	1.4	
	[M52B206S3]	01.95-	112687	14	80		01.95-	111911	12	1.4	
	(E46)[M52B20]						03.98-09.01	111911	12	1.4	
		03.98-	112193	14	120						
		03.98-09.01	112422	14	120						
	[M54B22]						09.00-	111911	12	1.4	
		09.00-	112422	14	120						
	(E90)[N46B20A]	01.05-	113871	14	150		01.05-	114297	12	1.2	
	(N46B20C)	01.05-	113871	14	150		01.05-	114297	12	1.2	
	(E91)[N46B20B]	09.05-	113871	14	150						
	(E92)[N46B20B]	03.07-	113871	14	150		11.06-06.07	114297	12	1.2	
	(E93)[N46B20B]	03.07-	113871	14	150		03.07-08.07	114297	12	1.2	
		12.85-06.90	112774	14	100						
320 2.0 i L-Jetronic	(E30)[M20B20]	12.85-03.93	112740	14	80		07.87-03.93	111400	12	1.4	
							12.85-06.87	111105			
320 2.0 i Motronic	(E30)[M20B20]	12.85-03.93	112740	14	80		12.85-06.87	111105			
							07.87-03.93	111400	12	1.4	
320 2.0 IS	(E30)[S14204EA]						05.88-12.90	114400	12	1.4	
320 2.0 Si	(E90)[N45B20A]	03.06-09.06	113871	14	150		05.06-	114297	12	1.2	
320 2.0 V6	(E21)[M20B20]						09.77-08.82	111105			
320 2.0 Diesel	(E46)[M47204D1]						04.98-09.01	113925	12	1.8	
	[M47D20]	04.98-	112462	14	120		04.98-09.01	113925	12	1.8	
		09.99-09.01	113407	14	150						
	[M47N204D4]	09.01-09.01	113407	14	150						
		09.01-02.05	113881	14	150		09.01-02.05	114127	12	1.6	
	(E90)[M47N204D4]						09.05-	114127	12	1.6	
320 2.0 TD	(E46)[M47N204D4]	09.01-09.02	113407	14	150		09.01-02.05	114127	12	1.6	
		09.01-01.05	113881	14	150						
320 2.2 Ci	(E46)[M54226S1]						09.00-	111911	12	1.4	
	[M54B22]	09.00-	112422	14	120		09.00-	111911	12	1.4	
		09.00-	111911								
		09.00-	112422	14	120						
320 2.2 i	(E46)[M54B22]						09.00-	111911	12	1.4	
		09.00-	112422	14	120						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

BMW Continued

323 2.3 i	(E21)[M20B23]	01.78- 08.83	110876#	14	65			
	(E30)[M20B23]	09.82- 08.83	110876#	14	65	09.82- 08.86	111105	
		09.83- 08.85	111147	14	80			
		09.85- 08.86	112740	14	80			
323 2.5 Ci	(E46)[M52B25]	04.98- 09.00	112422	14	120	04.98- 09.00	111911	12 1.4
		04.99-	112193	14	120			
323 2.5 i	(E36)[M52B25]	03.95-	112687	14	80	03.95-	111911	12 1.4
		(E46)[M52B25]	03.98- 09.00	112193	14	120	03.98- 09.00	111911
323 2.5 Ti	(E36)[M52B25]	03.98- 09.00	112422	14	120			
		08.97- 08.00	112687	14	80	08.97- 08.00	111911	12 1.4
324 2.4 Diesel	(E30)[M21D24W]	09.85- 08.91	110876#	14	65	09.85- 08.91	112533	12 2.2
324 2.4 TD	(E30)[M21D24]	09.87- 08.91	110876#	14	65	09.87- 08.91	112533	12 2.2
		09.87- 06.93	110908	14	80	01.88- 06.93	110779	12 2.0
	[M21D24WA]	09.87- 06.93	110876#	14	65	01.88- 06.93	112533	12 2.2
		09.87- 06.93	110908	14	80	01.88- 06.93	110779	12 2.0
325 2.5 Ci	(E46)[M54256S5]	09.00-	112422	14	120	09.00-	111911	12 1.4
325 2.5 i	(E30)[M20B25]	09.83- 08.85	111147	14	80	09.83- 12.86	111105	
		09.85- 10.93	112740	14	80	12.86- 10.93	111400	12 1.4
	(E36)[M50B25]	09.90- 08.91	112692#	14	105	09.90- 04.99	111911	12 1.4
		09.90- 08.91	112809#	14	90			
		04.91- 08.91	112699#	14	140			
		09.91-	111776#	14	80			
		09.91- 04.99	112687	14	80			
	[M52B25]	09.90- 08.91	112692#	14	105	09.90- 09.95	111911	12 1.4
		09.90- 08.91	112809#	14	90			
		04.91- 08.91	112699#	14	140			
	09.91- 09.95	112687	14	80				
(E46)[M54256S5]	09.00-	112422	14	120	09.00-	111911	12 1.4	
325 2.5 iX	(E30)[M20B25]	03.86- 10.93	112740	14	80	03.86- 12.86	111105	
325 2.5 Ti	(E46)[M54256S5]					12.86- 10.93	111400	12 1.4
		06.01-	112422	14	120	06.01-	111911	12 1.4
325 2.5 Xi	(E46)[M54256S5]	09.00-	112422	14	120	09.00-	111911	12 1.4
325 2.5 TD	(E36)[M51D25]	03.91- 02.98	112800	14	95	09.91- 02.98	113446	12 2.2
		09.91-	111788	14	105			
325 2.5 TDS	(E36)[M51D25]	05.93-	111788	14	105	05.93- 10.99	113446	12 2.2
		05.93- 12.95	112800	14	95			
325 2.7 E	(E30)[M20B27]	09.83- 08.85	111147	14	80	10.83- 12.86	111105	
		09.85- 12.88	112740	14	80	01.87- 12.88	111400	12 1.4
328 2.8 Ci	(E46)[M52B28]	04.99- 09.00	112193	14	120	04.99-	111911	12 1.4
328 2.8 i	(E36)[M52B28]	01.95-	112687	14	80	01.95-	111911	12 1.4
		01.95- 10.99	112809#	14	90			
	03.95-	111776#	14	80				
	(E46)[M52B28]	02.98- 09.00	112193	14	120	02.98-	111911	12 1.4
		02.98- 09.00	112422	14	120			
330 2.9 Diesel	(E46)[M57D30]	09.99-	112462	14	120	10.99-	113446	12 2.2
		09.99-	112468	14	150			
		10.99-	113407	14	150			
330 2.9 Diesel Xdrive	(E46)[M57D30]	06.00-	113407	14	150	06.00-	113446	12 2.2
330 3.0 Ci	(E46)[M54B30]	06.00-	112422	14	120	06.00-	111911	12 1.4
330 3.0 i	(E46)[M54B30]	05.00-	112422	14	120	06.00-	111911	12 1.4
330 3.0 Xi	(E46)[M54B30]	06.00-	112422	14	120	06.00-	111911	12 1.4
330 3.0 Diesel	(E46)[M57N306D2]	03.03- 02.05	113881	14	150	03.03-	113446	12 2.2
330 3.0 Diesel Xdrive	(E46)[M57N306D2]	03.03- 02.05	113881	14	150	03.03-	113446	12 2.2
518 1.8	(E12)[M10B18]	07.74- 01.78	112310	14	55	07.74- 05.81	110855	12 0.8
		08.75- 05.81	110877	14	65			
518 1.8 i	(E28)[M10B18]	09.82- 08.84	110877	14	65	06.81- 08.84	111052	12 1.5
		09.82- 08.84	111147	14	80			
	(E12)[M10B18]	08.79- 08.81	110876#	14	65	08.79- 08.81	111052	12 1.5
	(E28)[M10B18]	10.81- 01.84	110876#	14	65	10.81- 12.87	111052	12 1.5
		09.84- 11.85	111147	14	80			
		12.85- 12.87	112740	14	80			
	(E34)[M40B18]	08.89- 09.91	112764	14	90	08.89- 09.95	114118	12 1.4
		08.89- 09.95	113864	14	90	08.89- 09.95	111911	12 1.4
		08.89- 09.95	113865	14	90			
		10.91- 09.95	112683	14	105			
[M43B18]	05.94- 01.97	111946	14	80	08.89- 09.95	114118	12 1.4	
					08.89- 01.97	111911	12 1.4	
518 1.8 i	(E34)[M43B18]	05.94-	111946	14	80	11.95- 06.96	114118	12 1.4
					09.94-	111911	12 1.4	
518 2.0 i	(E12)[M10B20]	08.77- 09.79	110877	14	65	08.77- 09.79	110772	12 1.0
520 2.0	(E12)[M10B20]					08.72- 08.77	110772	12 1.0
520 2.0 i 24V	(E34)[M50B20]					09.89- 09.95	114118	12 1.4
520 2.0 i	(E12)[M10B20]	09.89- 08.91	112804#	14	90			
		09.89- 08.91	112811#	14	80			
	(E28)[M20B20]	10.75- 08.77	110877	14	65	08.72- 08.77	110772	12 1.0
		08.85- 11.85	111147	14	80	08.85- 12.87	111105	
(E34)[M20B20]	12.85- 12.87	112740	14	80				
[M50B20]	11.91-	112687	14	80	01.88- 08.91	110779	12 2.0	
					01.88- 08.91	111400	12 1.4	
					11.91- 01.97	114118	12 1.4	
					11.91- 01.97	111911	12 1.4	
(E39)[M52B20]	09.95- 09.00	111985			01.96- 09.97	111911	12 1.4	
	09.95- 06.03	112193	14	120				
	09.95- 05.04	112422	14	120				
	04.99- 06.03	111895	14	140				
(E60)[M54B22]	07.03-	113858	14	150	07.03-	111911	12 1.4	
[N46B20B]	09.07-	113871	14	150				
		12.86- 06.90	112774	14	100			
520 2.0 i K-Jetronic	(E28)[M20B20]	06.81- 08.83	110876#	14	65	06.81- 12.87	111105	
		09.82- 11.85	111147	14	80			
		12.85- 12.87	112740	14	80			
520 2.0 i L-Jetronic	(E28)[M20B20]	06.81- 08.83	110876#	14	65	06.81- 12.87	111105	
		09.82- 11.85	111147	14	80			
		12.85- 12.87	112740	14	80			
520 2.0 V6	(E12)[M20B20]					09.77- 05.81	111105	





520 2.0 Diesel	(E39)[M47204D1]	02.00- 09.03	112462	14	120	02.00- 09.03	113925	12	1.8						
		02.00- 09.03	112468	14	150										
	[M47D20]	02.00- 12.02	112462	14	120										
		02.00- 12.02	112468	14	150										
	(E60)[M47N20]	07.05-	113896	14	170										
	[N47D20]	07.05-	113896	14	170										
	[N47D20A]	09.07-	113896	14	170										
520 2.2 i	(E39)[M54B22]	09.00-	112422	14	120	09.00-	111911	12	1.4						
523 2.5 i	(E39)[M52B25]	11.95- 09.00	111985			11.95- 09.00	111911	12	1.4						
		11.95- 09.00	112193	14	120										
		11.95- 09.00	112422	14	120										
		01.97- 09.00	111895	14	140										
524 2.4 Diesel	(E28)[M21D24WA]	03.86- 12.87	110908	14	80	03.86- 12.87	112533	12	2.2						
524 2.4 TD	(E28)[M21D24WA]	09.83- 04.85	110876#	14	65	09.83- 12.87	112533	12	2.2						
525 2.5	(E34)[M21D24]	(E12)[M30B25]				03.88- 09.95	112533	12	2.2						
						A13 08.73- 05.81	111052	12	1.5						
						08.73- 08.79	110772	12	1.0						
						09.79- 05.81	111052	12	1.5						
525 2.5 i 24V	(E34)[M50B25]		09.89- 08.91	112804#	14	90	09.89- 09.95	114118	12	1.4					
			09.89- 08.91	112811#	14	80									
			09.91- 09.95	112687	14	80									
			[M52B25]												
				09.89- 08.91	112804#	14					90				
525 2.5 i	(E28)[M30B25]		06.81- 11.85	111147	14	80	06.81- 12.87	111052	12	1.5					
			12.85- 12.87	112740	14	80									
											01.88- 08.91	111400	12	1.4	
											11.91- 01.97	114118	12	1.4	
											11.91- 01.97	111911	12	1.4	
											11.91- 01.97	111911	12	1.4	
											11.91- 01.97	114118	12	1.4	
											09.00-	111911	12	1.4	
				09.00-	112422	14					120				
				09.03-	113858	14					150	09.03- 03.05	111911	12	1.4
525 2.5 IX 24V	(E34)[M52B25]		06.04-	113858	14	150	06.04- 03.05	111911	12	1.4					
			10.92- 09.95	112687	14	80	10.91- 09.95	114118	12	1.4					
525 2.5 IX	(E34)[M50B25]		02.92-	112687	14	80	02.92- 01.97	114118	12	1.4					
							02.92- 01.97	111911	12	1.4					
525 2.5 Diesel	(E39)[M57D25]		02.00-	112462	14	120	02.00-	113446	12	2.2					
				02.00-	112468	14					150				
			(E60)[M57256D1]	12.04-	113896	14					170				
			[M57N256D4]	06.04-	113896	14					170				
			(E61)[M57N2]	12.04-	113896	14					170				
			[M57N256D4]	06.04-	113896	14					170				
											06.04-	113446	12	2.2	
525 2.5 TD	(E34)[M51D25]		09.91- 12.95	111788	14	105	04.93- 09.95	113446	12	2.2					
			03.93- 12.95	112800	14	95	03.93- 12.95	112533	12	2.2					
			01.96-	111947	14	95	01.97- 09.00	112533	12	2.2					
525 2.5 TDS	(E34)[M51D25]		09.91- 12.95	111788	14	105	09.91- 01.97	112533	12	2.2					
			09.91- 01.97	112800	14	95									
525 2.7 E	(E28)[M20B27]		05.83- 08.83	110876#	14	65	01.87- 12.87	111400	12	1.4					
			09.83- 11.85	111147	14	80									
			12.85- 12.87	112740	14	80									
525 3.0 Diesel	(E60)[M57306D3]		01.07-	113896	14	170	01.07-	114127	12	1.6					
			01.07-	113896	14	170									
525 3.0 Diesel Xdrive	(E60)[M57306D3]		01.07-	113896	14	170									
			[M57N2]	09.08-	113896	14					170				
			(E61)[M57N2]	09.08-	113896	14					170				
			[M57306D3]	01.07-	113896	14					170				
528 2.8	(E12)[M30B28]						01.75- 08.77	110772	12	1.0					
							04.77- 08.79	110772	12	1.0					
528 2.8 i	(E28)[M30B28]		06.81- 11.85	111147	14	80	06.81- 12.87	111052	12	1.5					
			12.85- 12.87	112740	14	80									
											11.95-	111911	12	1.4	
			11.95-	112193	14	120									
			11.95- 09.00	112422	14	120									
530 2.9 Diesel	(E39)[M57D30]		08.98-	112462	14	120	08.98- 09.00	113446	12	2.2					
			08.98-	112468	14	150									
530 2.9 TD	(E39)[M57D30]		08.98-	112462	14	120	08.98- 09.00	113446	12	2.2					
			08.98-	112468	14	150									
530 3.0 Diesel	(E60)[M57306D2]	07.03-	113896	14	170	07.03-	113446	12	2.2						
530 3.0 i V8	(E34)[M60B30]		09.92- 09.95	112094#	14	100	09.92- 01.97	112553	12	1.7					
			09.92- 01.97	112538#	14	140									
530 3.0 i	(E34)[M30B30]		09.90- 08.91	112812	14	140	09.00-	111911	12	1.4					
530 3.0 Diesel	(E60)[M54B30]		07.03-	113858	14	150	07.03- 03.05	111911	12	1.4					
			07.03-	113896	14	170									
			07.05-	113896	14	170									
			06.04-	113896	14	170									
			01.07-	113896	14	170									
530 3.0 Diesel Xdrive	(E60)[M57306D3]		06.04-	113896	14	170	06.04-	113446	12	2.2					
			01.07-	113896	14	170									
			[M57N2]	07.05-	113896	14					170				
			(E61)[M57306D3]	07.05-	113896	14					170				
			[M57N2]	09.08-	113896	14					170				
535 3.0 Diesel	(E60)[M57306D4]		09.04-	113896	14	170	09.04-	113446	12	2.2					
			01.07-	113896	14	170									
			09.04-	113896	14	170									
			(E61)[M57306D4]	09.04-	113896	14					170				
535 3.4 i	(E28)[M30B35]		01.85- 11.85	111147	14	80	01.85- 12.87	111052	12	1.5					
			12.85- 12.87	112740	14	80									
535 3.5 i	(E34)[M30B35]		09.90- 09.95	112812	14	140	01.88- 04.93	112172	12	1.6					
			01.96- 03.99	111895	14	140									
			01.96-	112193	14	120									
			01.96- 07.00	112426	14	150									
			04.96-	111985											
			04.96- 03.99	112422	14	120									
540 4.0 i V8	(E34)[M60B40]		09.92- 09.95	112094#	14	100	09.92- 09.95	112553	12	1.7					
			09.92- 09.95	112538#	14	140									
540 4.0 i	(E34)[M60B40]		09.93-	112094#	14	100	09.93-	112553	12	1.7					
			09.93-	112538#	14	140									
540 4.4 i	(E39)[M62B44]		01.96- 09.98	112422	14	120	04.96-	112553	12	1.7					
			04.96- 05.04	111895	14	140									
			04.96- 09.98	112193	14	120									
			03.97- 07.00	112426	14	150									

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

BMW Continued

545 4.4 i	(E60)(M62B44)	09.03-	114189	14	180				
	(E61)(M62B44)	06.04-	114189	14	180				
550 4.8 i	(E61)(M62B48A)	07.05-	114189	14	180				
628 2.8 CSI	(E24)(M30B28)	09.79- 05.81	110877	14	65	09.79- 08.87	111052	12	1.5
		06.81- 11.85	111147	14	80				
		12.85- 08.87	112740	14	80				
630 3.0 CSI	(E24)(M30B30)					04.76- 08.79	111052	12	1.5
633 3.2 CSI	(E24)(M30B32)	04.76- 05.81	110877	14	65	04.76- 04.82	111052	12	1.5
		06.78- 09.90	112740	14	80				
		09.78- 11.85	111147	14	80				
635 3.0 Diesel	(E63)(M57N306D5)	07.07-	113896	14	170				
	(E64)(M57N306D5)	07.07-	113896	14	170				
635 3.4 CSI	(E24)(M30B35)	01.85- 11.85	111147	14	80	01.85- 05.89	111052	12	1.5
		12.85- 05.89	112740	14	80				
635 3.5 CSI	(E24)(M30B35)	06.78- 05.81	110877	14	65	06.78- 08.88	111052	12	1.5
		09.79- 11.85	111147	14	80				
		12.85- 08.88	112740	14	80				
	(S38B35)	03.84- 11.85	111147	14	80	03.84- 05.89	111052	12	1.5
645 4.4 CI	(E63)(M62B44)	01.04-	114189	14	180				
	(M62B44A)	01.04-	114189	14	180				
	(E64)(M62B44)	04.04-	114189	14	180				
	(M62B44A)	04.04-	114189	14	180				
725 2.5 TDS	(E38)(M51D25)	04.96-	111947	14	95	04.96-	113446	12	2.2
728 2.8	(E23)(M30B28)					05.77- 08.79	110772	12	1.0
						05.77- 08.79	111052	12	1.5
728 2.8 i	(E23)(M30B28)	07.78- 10.82	110877	14	65	07.78- 08.86	111052	12	1.5
		06.81- 11.85	111147	14	80				
		12.85- 08.86	112740	14	80				
	(E38)(M52B28)					08.95-	111911	12	1.4
		08.95-	111985						
		08.95- 12.01	112422	14	120				
728 2.8 Li	(E38)(M52B28)					08.95- 11.01	111911	12	1.4
730 3.0	(E23)(M30B30)					05.77- 08.79	111052	12	1.5
730 3.0 i V8	(E32)(M60B30)	04.92- 09.94	112094#	14	100	04.92- 09.94	112553	12	1.7
		04.92- 09.94	112538#	14	140				
730 3.0 i	(E32)(M30B30)					09.87- 09.94	112172	12	1.6
		09.86- 09.94	112812	14	140	09.86- 08.87	111052	12	1.5
	(E38)(M60B30)	10.94- 11.01	111895	14	140	10.94-	112553	12	1.7
	(E65)(M54B30)	03.03- 03.05	113858	14	150	03.03- 03.05	111911	12	1.4
730 3.0 Li V8	(E32)(M60B30)	04.92- 09.94	112094#	14	100	04.92- 09.94	112553	12	1.7
		04.92- 09.94	112538#	14	140				
730 3.0 Li	(E32)(M30B30)					09.86- 08.87	111052	12	1.5
		09.86- 09.94	112812	14	140	AT 12.86- 09.94	112172	12	1.6
	(E38)(M60B30)	10.94- 11.01	111895	14	140				
	(E66)(M54B30)	03.03- 03.05	113858	14	150	03.03- 03.05	111911	12	1.4
730 3.0 Diesel	(E38)(M57306D1)	08.98-	112468	14	150	04.00-	113446	12	2.2
	(M57D30)	08.98- 04.00	112462	14	120	08.98-	113446	12	2.2
		08.98- 12.01	112468	14	150				
	(E65)(M57306D2)	10.02-	113896	14	170	10.02-	113446	12	2.2
	(E65, E66)	10.02-	113896	14	170	10.02-	114072	12	2.0
	(E66)(M57)	07.05-	113896	14	170				
	(M57N30)	07.05-	113896	14	170				
732 3.2 i Motronic	(E23)(M30B32)	05.77- 10.82	110877	14	65	05.77- 08.86	111052	12	1.5
		06.81- 11.85	111147	14	80				
		12.85- 08.86	112740	14	80				
733 3.2 i L-Jetronic	(E23)(M30B32)	05.77- 12.82	110877	14	65	05.77- 12.82	111052	12	1.5
		05.77- 12.82	111147	14	80				
		05.77- 12.82	112780	14	90				
735 3.4 i	(E23)(M30B35)	01.85- 11.85	111147	14	80	01.85- 08.86	111052	12	1.5
		12.85- 08.86	112740	14	80				
	(E32)(M30B35)					09.86- 08.87	111052	12	1.5
		09.86- 03.94	112812	14	140	09.87- 03.94	112172	12	1.6
735 3.5 i	(E23)(M30B35)	09.79- 10.82	110877	14	65	09.79- 08.86	111052	12	1.5
		09.79- 11.85	111147	14	80				
		12.85- 08.86	112740	14	80				
	(E38)(M62B35B51)	01.96- 11.01	111895	14	140	01.96-	112553	12	1.7
		10.98- 07.00	112426	14	150				
735 3.6 i	(E65)(M62B36)	11.01-	114189	14	180				
735 3.6 Li	(E66)(M62B36)	11.01-	114189	14	180				
740 3.9 Diesel	(E38)(M67D39)	10.98- 07.00	112426	14	150				
740 4.0 i V8	(E32)(M60B40)	04.92- 10.94	112094#	14	100	04.92- 09.94	112553	12	1.7
		04.92- 10.94	112538#	14	140				
740 4.0 i	(E38)(M60B40)	10.94- 11.01	111895	14	140	10.94-	112553	12	1.7
740 4.0 Li V8	(E32)(M60B40)	04.92- 10.94	112094#	14	100	04.92- 09.94	112553	12	1.7
		04.92- 10.94	112538#	14	140				
740 4.0 Li	(E38)(M60B40)	10.94- 11.01	111895	14	140				
740 4.4 i	(E38)(M62B44)					01.96-	112553	12	1.7
		01.96- 11.01	111895	14	140				
		10.98- 07.00	112426	14	150				
740 4.4 Li	(E38)(M62B44)	01.96- 11.01	111895	14	140				
745 3.2 i	(E23)(M30B32)	04.80- 11.85	111147	14	80	04.80- 04.83	111052	12	1.5
745 3.4 i	(E23)(M30B35)	05.83- 11.85	111147	14	80	05.83- 08.86	111052	12	1.5
		12.85- 08.86	112740	14	80				
745 4.4 i	(E65)(M62B44)	11.01-	114189	14	180				
745 4.4 Li	(E66)(M62B44)	11.01-	114189	14	180				
745 4.4 Diesel	(E65)(M67N44)	07.05-	114189	14	180				
750 5.0 i V12	(E32)(M70B50)					09.87- 09.94	111856		
750 5.0 Li V12	(E32)(M70B50)					09.87- 09.94	111856		
750 5.4 i	(E38)(M73B54)	10.94- 11.01	111895	14	140	12.94-	111856		
		10.98- 12.01	112426	14	150				
750 5.4 Li	(E38)(M73B54)	10.94- 11.01	111895	14	140				
		10.98- 12.01	112426	14	150				
840 4.0 i	(E31)(M60B40)	02.93- 02.96	112538#	14	140	02.93- 02.96	112553	12	1.7
840 4.4 CI	(E31)(M62B44)	07.69- 11.72	110901			09.94- 12.99	112553	12	1.7
850 5.0 i	(E31)(M70B50)	01.96- 12.99	111895	14	140	04.90- 10.94	111856		
850 5.4 CI	(E31)(M73B54)	09.94- 12.99	111895	14	140	09.94-	111856		
850 5.6 CSI	(E31)(M70B56)					04.93- 10.96	111856		
1502 1.6	(E10)(M10B16)	Chas. -10000569, 08.70- 07.77	110901			05.71- 07.77	110855	12	0.8
		W123568, 12569812, Y 12569940							
1600 1.6	(E6)(M10B16)	05.71- 04.73	110901			05.71- 04.73	110855	12	0.8
1600 1.6 Ti	(E10)(M10B16)	09.67- 11.69	110901			09.67- 11.69	110855	12	0.8
1602 1.6 FSI	(E10)(M10B16)	05.71- 07.75	110901			05.71- 07.75	110855	12	0.8
1800 1.8	(E10)(M10B18)	07.69- 11.72	110901			07.69- 11.72	110855	12	0.8
1802 1.8	(E10)(M10B18)	08.70- 07.77	110877	14	65	05.71- 07.75	110855	12	0.8
		05.71- 07.75	110901						
	(E6)(M10B18)	08.70- 07.77	110877	14	65	05.71- 07.75	110855	12	0.8
		05.71- 07.75	110901						
2000 2.0	(E10)(M10B20)	09.68- 07.72	110901			09.68- 07.72	110772	12	1.0
	(E9)(M10B20)					10.65- 06.70	110772	12	1.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



2000 2.0 CS	(E9)[M10B20]							10.65-	06.70	110772	12	1.0
2000 2.0 TI	(E10)[M10B20]	08.70-	07.72	110901				01.66-	07.72	110772	12	1.0
2000 2.0 TII	(E10)[M10B20]	08.70-	07.72	110901				12.69-	07.72	110772	12	1.0
2002 2.0	(E10)[M10B20]	08.70-	07.75	110901				02.68-	07.75	110772	12	1.0
	(E6)[M10B20]	05.71-	07.75	110901				05.71-	07.75	110772	12	1.0
2002 2.0 TI	(E10)[M10B20]	08.70-	04.72	110901				06.68-	04.72	110772	12	1.0
2002 2.0 TII	(E10)[M10B20]	05.71-	07.75	110901				05.71-	07.75	110772	12	1.0
	(E6)[M10B20]	01.71-	07.75	110901				01.71-	07.75	110772	12	1.0
2002 2.0 Turbo	(E10)[M10B20]	01.74-	07.75	110901				01.74-	07.75	110772	12	1.0
2500 2.5	(E3)[M30B25]							A13 05.71-	04.77	111052	12	1.5
								10.68-	04.77	110772	12	1.0
2800 2.8	(E3)[M30B28]	03.76-		110877	14	65		10.68-	07.75	110772	12	1.0
								A13 10.68-	07.75	111052	12	1.5
1600-2 1.6	(E10)[M10B16]	12.67-	12.71	110901				12.67-	12.71	110855	12	0.8
2.5 2.5 CS	(E9)[M30B25]							09.74-	03.76	110772	12	1.0
								09.74-	03.76	111052	12	1.5
2.8 2.8 L	(E3)[M30B28]							02.75-	04.77	110772	12	1.0
								02.75-	04.77	111052	12	1.5
3.0 3.0 CS	(E9)[M30B30]							05.71-	07.73	110772	12	1.0
								05.71-	04.77	111052	12	1.5
3.0 3.0 CSI	(E9)[M30B30]							07.71-	07.73	110772	12	1.0
								07.71-	03.76	111052	12	1.5
3.0 3.0 L	(E3)[M30B30]							02.75-	04.77	111052	12	1.5
3.0 3.0 S	(E3)[M30B30]							05.71-	07.73	110772	12	1.0
								05.71-	04.77	111052	12	1.5
3.0 3.0 Si	(E3)[M30B30]							07.71-	07.73	110772	12	1.0
								07.71-	04.77	111052	12	1.5
3.0 3.2 CSL	(E9)[M30B32]							01.74-	04.77	111052	12	1.5
3.2 2.8 CS	(E9)[M30B28]							01.69-	04.71	110772	12	1.0
3.3 3.2 LI	(E3)[M30B32]	03.76-	04.77	110877	14	65		10.75-	04.77	111052	12	1.5
3.3 3.3 L	(E3)[M30B33]	10.75-	04.77	110877	14	65		01.74-	04.77	111052	12	1.5
M1 3.5	(M88B35)	05.79-	05.81	110877	14	65						
M3 2.3	(E30)[S14B23]	07.86-	06.91	111147	14	80						
M3 2.3 Evolution I	(E30)[S14B23]	02.87-	05.87	111147	14	80						
M3 2.5 Evolution III	(E30)[S14B25]	01.90-	01.92	111147	14	80						
M3 3.0	(E36)[S50B30]							10.92-	12.95	112004	12	1.4
M3 3.2	(E36)[S50B32]							09.95-	04.99	112004	12	1.4
	(E46)[S54B32]	06.00-		112472	14	100						
M5 3.5	(E28)[S38B35]	01.85-	11.85	111147	14	80		01.85-	12.87	111052	12	1.5
	(E34)[S38B36]							10.88-	05.92	112172	12	1.6
	(S38B36)							10.88-	05.92	112172	12	1.6
M5 3.5 i	(E12)[M30B35]	06.80-	08.81	110877	14	65		06.80-	08.81	111052	12	1.5
		06.80-	08.81	111147	14	80						
M5 3.8	(E34)[S38B38]							03.92-	12.95	112172	12	1.6
M5 4.9	(E39)[S38B49]							10.98-		112553	12	1.7
M5 5.0	(E61)[S85B50A]	02.07-		113896	14	170		02.07-		113841	12	1.7
M6 3.5 CSI	(E24)[S38B35]	03.84-	11.85	111147	14	80		03.84-	05.89	111052	12	1.5
M6 5.0	(E63)[S85B50A]	09.05-		113896	14	170						
X1 2.0 sDrive18i	(E84)[N46B20B]	01.10-		113871	14	150		01.10-		114297	12	1.2
X3 2.0 i	(E83)[N46B20A]	07.05-		113871	14	150		07.05-		114297	12	1.2
	(N46B20B)	09.05-		113871	14	150						
X3 2.0 i Xdrive	(E83)[N46B20B]							09.08-		114297	12	1.2
X3 2.0 Diesel	(E83)[M47N204D4]	10.04-		113878	14	120		10.04-		114127	12	1.6
		10.04-		113881	14	150						
X3 2.0 Diesel xDrive20d	(E83)[N47D20C]	09.08-		114292	14	180						
X3 2.5 i	(E83)[M54256S5]	01.04-		113858	14	150		01.04-		111911	12	1.4
X3 3.0 i	(E83)[M54B30]	01.04-		113858	14	150		01.04-		111911	12	1.4
X3 3.0 Diesel	(E83)[M57N23]	01.04-		113858	14	150						
	(M57N306D2)	01.04-		113881	14	150		01.04-		113446	12	2.2
X3 3.0 Diesel xDrive30d	(E83)[M57N2306D3]							09.08-		114091	12	1.8
X5 3.0 i	(E53)[M54306S3]	04.00-		112422	14	120		05.00-		111911	12	1.4
	(M54B30)	10.98-		112426	14	150		10.99-		111911	12	1.4
		10.99-		112422	14	120						
X5 3.0 Diesel	(E53)[M57306D1]	04.00-		112462	14	120		04.00-		113446	12	2.2
		04.00-		112468	14	150						
	(M57N306D4)	12.03-		113881	14	150		09.03-		113446	12	2.2
	(E70)[M57306D3]	02.07-	09.08	114385	14	170						
X5 3.0 Diesel 4x4	(E53)[M57N2]							08.04-		114072	12	2.0
	(E70)[M57N2]	02.07-	09.08	114385	14	170						
X5 3.0 Diesel Sdrive	(E70)[M57N306D5]	09.07-	09.08	114385	14	170						
X5 3.0 Diesel Xdrive	(E70)[M57N2]	09.08-		114385	14	170						
		09.08-		114385	14	170						
X5 4.4 i	(E53)[M62B44]	10.98-	07.00	112426	14	150		04.00-		112553	12	1.7
	(N62B44A)	12.03-		114189	14	180						
X5 4.6 iS	(E53)[M62B46]	02.02-		112426	14	150		02.02-		112553	12	1.7
X6 3.0 Diesel Xdrive	(E71)[M57D30]	05.08-		114385	14	170						
	(M57D30N2)	05.08-		114385	14	170						
	(M57N2)	09.08-		114385	14	170						
		09.08-		114385	14	170						
Z1 2.5	(M20B25)	11.88-	06.91	112740	14	80		11.88-	06.91	111400	12	1.4
Z3 1.8	(E36)[M43194E1]	07.98-		112413	14	90						
	(M43B19)							07.98-		111911	12	1.4
Z3 1.8 i	(E36)[M43B18]							03.96-		111911	12	1.4
Z3 1.9 i 16V	(M44B19)							03.96-		111911	12	1.4
Z3 1.9 i	(E36)[M43194E1]	09.98-	08.00	112413	14	90		01.99-		111911	12	1.4
Z3 2.0	(E36)[M52B20]							04.99-		111911	12	1.4
		04.99-	01.03	111895	14	140						
		04.99-	12.00	111985								
Z3 2.2	(E36)[M54B22]							08.00-		111911	12	1.4
Z3 2.8 i	(E36)[M52B28]							11.96-	09.00	111911	12	1.4
		11.96-	09.00	112193	14	120						
		03.97-	09.97	111985								
		04.97-	09.00	112422	14	120						
Z3 3.0	(E36)[M54B30]							06.00-		111911	12	1.4
Z3 3.2	(E36)[S54326S4]	06.01-		112462	14	120						
	(S54B32)	06.01-		112462	14	120						
Z3 3.2 M	(E36)[S50B32]							11.96-	12.00	112004	12	1.4
Z4 2.0 i	(E85)[N46B20A]	03.05-		113871	14	150		04.05-		114297	12	1.2
	(N46B20C)	03.95-		113871	14	150						
Z4 2.2 i	(E85)[M54B22]							10.03-		111911	12	1.4
Z4 2.5 i	(E85)[M54256S5]							02.03-		111911	12	1.4
Z4 3.0 i	(E85)[M54B30]							02.03-		111911	12	1.4
Z8 4.9	(E52)[S38B49]							06.00-		112553	12	1.7
<b>PASSENGER CARS US</b>												
318 1.8 i	(M10)	01.84-	01.85	111147	14	80		01.84-	01.85	111052	12	1.5
318 1.8 iS	(M42)							01.91-	01.95	111911	12	1.4
318 1.8 Ti	(M42)	01.95-		111946	14	80						
		01.95-		112683	14	105						
318 1.9	(M44)							01.96-	01.97	111911	12	1.4
318 1.9 i	(M44)	01.96-	01.97	111946	14	80						
318 1.9 iS	(M44)	01.96-	01.98	111946	14	80		01.96-	01.98	111911	12	1.4
318 1.9 Ti	(M44)	01.96-	01.97	111946	14	80		01.96-	01.97	111911	12	1.4
320 1.8 i	(M10)	01.80-	01.83	110876#	14	65		01.80-	01.83	111052	12	1.5
320 2.0 i	(M10)							01.77-	01.79	111052	12	1.5





Application list

BMW Continued

323 2.5 Ci	[M52]	01.00- 01.00	112193	14	120	01.00- 01.00	111911	12	1.4
		01.00- 01.00	112422	14	120				
323 2.5 i	[M52]	01.99- 01.00	112687	14	80	01.99- 01.00	111911	12	1.4
323 2.5 i Sport	[M52]	01.00- 01.00	112193	14	120	01.00- 01.00	111911	12	1.4
		01.00- 01.00	112422	14	120				
323 2.5 iC	[M52]	01.98- 01.99	112687	14	80	01.98- 01.99	111911	12	1.4
323 2.5 iS	[M52]	01.98- 01.99	112687	14	80	01.98- 01.99	111911	12	1.4
325 2.5 Ci	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
325 2.5 i	[M20]	01.87- 01.91	112740	14	80	01.87- 01.91	111400	12	1.4
	[M50]	01.92- 01.95	112687	14	80	01.92- 01.95	111400	12	1.4
		01.92- 01.95	112692#	14	105				
		01.92- 01.95	112699#	14	140				
		01.92- 01.95	112740	14	80				
325 2.5 i Sport	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
325 2.5 iC	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
	[M20]	01.87- 01.93	112740	14	80	01.87- 01.93	111400	12	1.4
	[M50]	01.94- 01.95	112687	14	80				
325 2.5 iS	[M20]	01.87- 01.91	112740	14	80	01.87- 01.91	111400	12	1.4
	[M50]	01.92- 01.95	112687	14	80	01.92- 01.95	111400	12	1.4
325 2.5 iX	[M20]	01.88- 01.91	112740	14	80	01.88- 01.91	111400	12	1.4
325 2.5 Xi	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
325 2.5 Xi Sport	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
325 2.7	[M20]	01.87- 01.88	112740	14	80	01.87- 01.88	111400	12	1.4
325 2.7 E	[M20]	01.84- 01.87	111147	14	80	01.84- 01.87	111105		
328 2.8	[M52]	01.98- 01.99	112687	14	80	01.98- 01.99	111911	12	1.4
328 2.8 Ci	[M52]	01.00- 01.00	112193	14	120	01.00- 01.00	111911	12	1.4
		01.00- 01.00	112422	14	120				
328 2.8 i	[M52]	01.00- 01.00	112193	14	120	01.96- 01.00	111911	12	1.4
		01.00- 01.00	112422	14	120				
		01.96- 01.99	112687	14	80				
328 2.8 iC	[M52]	01.96- 01.97	112687	14	80	01.96- 01.97	111911	12	1.4
328 2.8 iS	[M52]	01.96- 01.99	112687	14	80	01.96- 01.99	111911	12	1.4
330 3.0 Ci	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
330 3.0 i	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
330 3.0 Xi	[M54]	01.02- 01.03	112422	14	120	01.02- 01.03	111911	12	1.4
524 2.4 TD	[M21]	01.85- 01.86	110876#	14	65				
		01.85- 01.86	110908	14	80				
525 2.5 i	[M20]					01.89- 01.90	111400	12	1.4
	[M50]	01.91- 01.95	112692#	14	105				
		01.91- 01.95	112804#	14	90				
	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
525 2.5 i Sport	[M54]	01.01- 01.03	112422	14	120	01.01- 01.03	111911	12	1.4
525 2.5 iT	[M50]	01.93- 01.94	112687	14	80				
528 2.7 E	[M20]	01.82- 01.86	110876#	14	65	01.82- 01.86	111105		
		01.87- 01.88	112740	14	80	01.87- 01.88	111400	12	1.4
528 2.8 i	[M30]	01.79- 01.81	110877	14	65	01.79- 01.81	111052	12	1.5
	[M52]	01.97- 01.00	112193	14	120	01.97- 01.00	111911	12	1.4
		01.98- 01.00	112422	14	120				
528 2.8 iT	[M52]	01.99- 01.00	112193	14	120	01.99- 01.00	111911	12	1.4
		01.99- 01.00	112422	14	120				
530 3.0 i	[M30]					01.75- 01.78	111052	12	1.5
	[M54]	01.01- 01.03	112422	14	120	01.01- 01.02	111911	12	1.4
	[M60]	01.94- 01.95	112094#	14	100	01.94- 01.95	112553	12	1.7
		01.94- 01.95	112538#	14	140				
530 3.0 iT	[M60]	01.94- 01.95	112094#	14	100	01.94- 01.95	112553	12	1.7
		01.94- 01.95	112538#	14	140				
530 3.2 i	[M30]	01.83- 01.84	111147	14	80	01.83- 01.84	111052	12	1.5
535 3.5 i	[M30]	01.85- 01.86	111147	14	80	01.88- 01.93	112172	12	1.6
		01.87- 01.88	112740	14	80	01.85- 01.86	111052	12	1.5
		01.88- 01.93	112812	14	140				
535 3.5 iS	[M30]	01.88- 01.89	112812	14	140	01.88- 01.89	112172	12	1.6
540 4.0 i	[M60]	01.94- 01.95	112538#	14	140	01.94- 01.95	112553	12	1.7
540 4.4 i	[M62]	01.03- 01.02	112426	14	150	01.97- 01.02	112553	12	1.7
		01.97- 01.02	111895	14	140				
540 4.4 i Sport	[M62]	01.01- 01.03	112426	14	150	01.01- 01.02	112553	12	1.7
540 4.4 iT	[M62]	01.99- 01.00	112426	14	150	01.99- 01.00	112553	12	1.7
630 3.0 CSI	[M30]					01.77- 01.78	111052	12	1.5
633 3.2 CSI	[M30]	01.78- 01.84	110877	14	65	01.78- 01.84	111052	12	1.5
		09.79- 11.85	111147	14	80				
		01.85- 09.90	112740	14	80				
635 3.5 CSI	[M30]	01.85- 01.86	111147	14	80	01.85- 01.89	111052	12	1.5
		01.87- 01.89	112740	14	80				
733 3.2 i	[M30]	01.78- 01.84	110877	14	65	01.78- 01.84	111052	12	1.5
735 3.5 i	[M30]	01.85- 01.86	111147	14	80	01.85- 01.92	111052	12	1.5
		01.87- 01.92	112812	14	140				
735 3.5 iL	[M30]	01.88- 01.92	112812	14	140	01.88- 01.92	112172	12	1.6
740 4.0 i	[M60]	01.93- 01.94	112538#	14	140	01.93- 01.94	112553	12	1.7
		01.95- 01.96	111895	14	140				
740 4.0 iL	[M60]	01.93- 01.95	112538#	14	140	01.93- 01.95	112553	12	1.7
740 4.4 i	[M62]	01.97- 01.98	111895	14	140	01.97- 01.01	112553	12	1.7
		01.98- 01.01	112426	14	150				
740 4.4 iL	[M62]	01.96- 01.98	111895	14	140	01.96- 01.01	112553	12	1.7
		01.99- 01.01	112426	14	150				
750 5.0 iL	[M70]	01.88- 01.94	111895	14	140	01.88- 01.94	111856		
750 5.4 iL	[M73]	01.95- 01.98	111895	14	140	01.95- 01.01	111856		
		01.99- 01.01	112426	14	150				
840 4.0 Ci	[M60]	01.94- 01.95	112538#	14	140	01.94- 01.95	112553	12	1.7
840 4.4 Ci	[M62]	01.96- 01.97	111895	14	140	01.96- 01.97	112553	12	1.7
850 5.0 Ci	[M70]	01.93- 01.94	111895	14	140	01.93- 01.94	111856		
850 5.0 i	[M70]	01.91- 01.92	111895	14	140	01.91- 01.92	111856		
850 5.4 Ci	[M73]	01.95- 01.97	111895	14	140	01.95- 01.97	111856		
850 5.6 Ci	[S70]	01.94- 01.95	111895	14	140	01.94- 01.95	111856		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



1600 1.6		01.67- 01.71	110901			01.67- 01.71	110855	12	0.8
1600 1.6 TI		01.68-	110901			01.68-	110855	12	0.8
1800 1.8		01.66- 01.71	110901			01.66- 01.71	111052	12	1.5
1802 1.8		08.70- 07.77	110877	14	65	01.71-	111052	12	1.5
		01.71-	110901						
2000 2.0		01.66- 01.72	110901			01.66- 01.72	111052	12	1.5
2000 2.0 C		01.68- 01.69	110901			01.68- 01.69	111052	12	1.5
2000 2.0 CS		01.68- 01.69	110901			01.68- 01.69	111052	12	1.5
2000 2.0 TI		01.68- 01.71	110901			01.68- 01.71	111052	12	1.5
2000 2.0 TII		01.69- 01.72	110901			01.69- 01.72	111052	12	1.5
2000 2.0 TII Lux		01.68- 01.71	110901			01.68- 01.71	111052	12	1.5
2002 2.0		01.66- 01.76	110901			01.66- 01.76	111052	12	1.5
2002 2.0 TI		01.68- 01.71	110901			01.68- 01.71	111052	12	1.5
2002 2.0 TII		01.71- 01.74	110901			01.71- 01.74	111052	12	1.5
2002 2.0 Turbo		01.73- 01.74	110901			01.73- 01.74	111052	12	1.5
2500 2.5						01.68- 01.71	111052	12	1.5
2800 2.8						01.68- 01.74	111052	12	1.5
2800 2.8 CS		03.76-	110877	14	65	01.68- 01.71	111052	12	1.5
2.8 2.8 Bavaria						01.71-	111052	12	1.5
3.0 3.0 Bavaria						01.72- 01.74	111052	12	1.5
3.0 3.0 CS						01.71- 01.74	111052	12	1.5
3.0 3.0 CSI						01.71- 01.74	111052	12	1.5
3.0 3.0 CSL						01.71-	111052	12	1.5
3.0 3.0 S						01.71- 01.74	111052	12	1.5
3.0 3.0 SI						01.71- 01.76	111052	12	1.5
I6 3.5	[M30]	01.87- 01.87	112740	14	80	01.87- 01.87	111052	12	1.5
I7 3.5	[M30]	01.86-	112740	14	80	01.86-	111052	12	1.5
M3 2.3	[S14]								
M3 3.0	[S50]								
		01.95-	112687	14	80				
M3 3.2	[S52]					01.96- 01.99	111911	12	1.4
		01.96- 01.99	112687	14	80				
M5 3.5	[S38]					01.88-	111052	12	1.5
M5 3.6	[S38]					01.91- 01.93	112172	12	1.6
M5 5.0	[S62]					01.00- 01.03	112553	12	1.7
M6 3.5	[S38]					01.87- 01.88	111052	12	1.5
X5 3.0	[M54]	01.01- 01.03	112422	14	120				
X5 3.0 i	[M54]	01.05-	112422	14	120				
		10.98-	112426	14	150				
X5 4.4	[M62]	01.00- 01.03	112426	14	150	01.00- 01.03	112553	12	1.7
X5 4.6 IS	[M62]	01.02- 01.03	112426	14	150	01.03- 01.03	112553	12	1.7
Z3 1.9	[M44]					01.96- 01.98	111911	12	1.4
		01.96- 01.98	111946	14	80				
Z3 2.5	[M52]					01.99- 01.00	111911	12	1.4
		01.99- 01.00	112193	14	120				
		01.99- 01.99	112422	14	120				
Z3 2.8	[M54]	01.01- 01.02	112422	14	120	01.01- 01.02	111911	12	1.4
	[M52]					01.97- 01.00	111911	12	1.4
		01.97- 01.00	112193	14	120				
		01.97- 01.00	112422	14	120				
Z3 3.0	[M54]	01.01- 01.02	112422	14	120	01.01- 01.02	111911	12	1.4
Z3 3.2 M	[S52]					01.99- 01.00	111911	12	1.4
		01.99- 01.00	112687	14	80				
Z4 2.5	[M54]					01.03- 01.03	111911	12	1.4
Z4 3.0	[M54]					01.03- 01.03	111911	12	1.4
Z8 5.0	[S62]					01.01- 01.03	112553	12	1.7
<b>PASSENGER CARS AO</b>									
318 1.8 i	(E30)[M40B18C]	06.88- 02.92	112764	14	90	06.88- 02.92	111911	12	1.4
		06.88- 02.92	113864	14	90				
		06.88- 02.92	113865	14	90				
735 4.0 i	(E65, E66)[N62B40A]	03.05-	114189	14	180				
M5 5.0	(E39)					09.98- 06.03	112553	12	1.7
<b>MOTOR BIKES</b>									
R100 1.0		06.76-	113988	14	17	06.76-	111334	12	1.2
R1100 1.1						01.93- 01.01	111335	12	1.1
R1150 1.1						01.00- 01.01	111335	12	1.1
R45 0.5		06.78- 07.85	113988	14	17	06.78- 07.85	111334	12	1.2
R50 0.5		09.69- 07.73	113988	14	17	09.69- 07.73	111334	12	1.2
R60 5 0.6		09.69- 06.73	113988	14	17	09.69- 06.73	111334	12	1.2
R60 6 0.6		09.74- 06.78	113988	14	17	09.74- 06.78	111334	12	1.2
R60 7 0.6		09.76- 06.80	113988	14	17	09.76- 06.80	111334	12	1.2
R65 0.7		06.78- 12.93	113988	14	17	07.78- 12.93	111334	12	1.2
R75 5 0.8		09.69- 09.80	113988	14	17	09.69- 09.80	111334	12	1.2
R75 6 0.8		09.73- 08.76	113988	14	17	09.73- 08.76	111334	12	1.2
R75 7 0.8		09.76- 08.79	113988	14	17	09.76- 08.79	111334	12	1.2
R80 0.8		09.77-	113988	14	17	09.77-	111334	12	1.2
R90 0.9		08.73-	113988	14	17	08.73-	111334	12	1.2
<b>MARINE</b>									
Marine 2.0	[B130]	12.78- 07.87	113631	14	90	12.78- 07.87	111052	12	1.5
Marine 2.8	[B190]	03.78- 07.87	113631	14	90	03.78- 07.87	111052	12	1.5
Various Models						10.81- 07.87	112173	12	2.7
						12.78- 07.87	110363	12	0.7
						03.78- 07.87	111052	12	1.5
<b>Bobcat</b>									
<b>MISC.</b>									
443	[D750]	01.82- 01.88	110325	14	18	01.82- 01.88	110469	12	
533	[Isuzu]					01.80- 01.81	110469	12	
543	[D950]					01.82- 01.88	110469	12	
611	[Deutz]					01.80- 01.81	110602	12	2.8
621	[Deutz]					01.80- 01.81	110602	12	2.8
632	[4-98]					01.81-	110469	12	
641	[F2L511]	01.82-	110325	14	18	01.89- 01.90	113454#	12	3.1
						01.82-	110590	12	2.8
642	[Ford]	01.84-	110325	14	18	01.84-	110469	12	
643		01.82- 01.89	110325	14	18	01.82- 01.89	110602	12	2.8
671						08.80-	110590	12	2.8
672						01.80-	110469	12	
733	[Deutz]					08.80- 01.81	110602	12	2.8
741	[F2L511]	01.82-	110325	14	18	01.89- 01.90	113454#	12	3.1
						01.82-	110590	12	2.8
743		01.82-	110325	14	18	01.82- 01.85	110602	12	2.8
753						01.90- 01.93	110602	12	2.8
						01.93-	112489	12	2.7
773		01.95-	110540	14	55	01.94-	112489	12	2.7
825	[Perkins]					01.80- 01.81	110602	12	2.8
833	[Perkins]					01.80- 01.81	110602	12	2.8
843	[Perkins]					01.80- 01.81	110602	12	2.8
943						01.88-	110590	12	2.8
						01.90- 01.94	113454#	12	3.1
970						01.70- 01.76	110468	12	
974						01.89-	110590	12	2.8
						01.89- 01.90	113454#	12	3.1
975						01.89-	110590	12	2.8
						01.77- 01.83	111221	12	2.5
980		01.88-	110540	14	55	01.88-	112267	12	2.5
1600						01.89-	110602	12	2.8
2000						01.89-	110590	12	2.8
						01.89-	113454#	12	3.1
2200	[Kubota]						114194	12	1.0
S175	[Kubota]					01.02- 01.03	113727	12	2.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



## BOBCAT Continued

S185	[Kubota]	01.02- 01.03	113600	14	90	01.02- 01.03	113727	12	2.7	
S250	[Kubota]	01.02- 01.03	113600	14	90	01.02- 01.03	113727	12	2.7	
T200	[Deutz]	01.99-	113600	14	90	01.99-	113735	12	3.0	
Various Models			114205	14	40		111300	12	1.4	
			113347	14	20		110942	12	2.5	
			110540	14	55		110590	12	2.8	
		01.72-	110325	14	18	DR	01.89- 12.95	111383	12	2.8
			113600	14	90			112659	12	1.0
								110949	12	0.6
								111221	12	2.5
								112489	12	2.7
								110536	12	2.7
								114038	12	2.2

## Bomag

INDUSTRY									
BW 211 B 5.7	[F6L912]					01.83- 06.85	110536	12	2.7
BW 75 H 0.6	[E785]					01.79- 06.81	112542	12	1.35
BW 75 HS 0.6	[E785]					04.80- 04.95	112542	12	1.35
Various Models						01.75-	113181	12	2.3
						01.75- 07.88	111759#	12	1.5

## Bombardier

MISC.									
Various Models							113734	12	0.6
							113681	12	0.6
							111915	12	0.6

## Bosch

MOTORS									
DDOD 100 9.6	[F6L413]					04.82- 01.99	112651	24	4.8
						04.82- 01.99	114437	24	5.4
DDOD 17 2.0	[F2L912]	04.82-	110641	14	33				
DDOD 27 2.8	[F3L912]	04.82-	110641	14	33	01.92- 01.99	112555	12	3.1
						04.82- 12.91	110536	12	2.7
DDOD 36 4.0	[F4L912]	04.82-	110641	14	33	04.82- 12.91	110536	12	2.7
						01.92- 01.99	112555	12	3.1
DDOD 46 4.7	[F5L912]	04.82-	110641	14	33				
DDOD 57 5.7	[F6L912]	04.82-	110641	14	33				
DDOD 83 8.0 Diesel	[F5L413FR]					04.82- 01.99	112651	24	4.8

## Bova

TRUCKS EU									
T22 12.9	[MX300]	10.06-	114089	28	80	10.06-	114073	24	5.5
		10.06-	114314	28	110				
130 12.9	[MX340]	07.07-	114089	28	80	07.07-	114073	24	5.5
	[MX375]	07.07-	114089	28	80	07.07-	114073	24	5.5
	[MX340]	07.07-	114314	28	110				
	[MX375]	07.07-	114314	28	110				
131 12.9	[MX340]	07.07-	114089	28	80	07.07-	114073	24	5.5
		07.07-	114314	28	110				
141 12.9	[MX340]	07.07-	114089	28	80	07.07-	114073	24	5.5
	[MX375]	07.07-	114089	28	80	07.07-	114073	24	5.5
	[MX340]	07.07-	114314	28	110				
	[MX375]	07.07-	114314	28	110				
DD 130 12.6	[XE355C]					09.04-	113934	24	5.5
DD 138 12.6	[XE355C]					09.04-	113934	24	5.5
FHD 10 12.6	[XE250C]					09.01-	113934	24	5.5
FHD 12 12.6	[XE250C]					09.01-	113934	24	5.5
FHD 13 12.6	[XE250C]					09.01-	113934	24	5.5
FLD 12 12.6	[XE250C]					09.01-	113934	24	5.5
FLD 13 12.6	[XE250C]					09.01-	113934	24	5.5
HD 120 12.6	[XE250C]					10.99-	113934	24	5.5
HD 122 12.6	[XE250C]					10.99-	113934	24	5.5

## BPM

MARINE									
Arctic 157		01.62- 12.87	110641	14	33				
Arctic 181		01.62- 12.87	110641	14	33				
Lonic 144		06.62- 12.88	110641	14	33				
Oceanic 235		01.63- 12.87	110641	14	33				
Oceanic 265 S		01.63- 07.92	110641	14	33				
V12 / 570		06.72- 07.92	110641	14	33				
V12 / 620 S		06.72- 07.92	110641	14	33				
Vulcano 375		06.68- 07.92	110641	14	33				
Vulcano 450		06.68- 07.92	110641	14	33				

## Briggs &amp; Stratton

MOTORS									
Various Models							113853	12	
							113602		
							112563	12	0.8
							110634	12	0.65
							113539	12	
							110635	12	0.5
							112242	12	0.6

## Bührer

AGRICULTURE									
Various Models						01.71-	110439	12	2.0
						01.72- 01.73	110462	12	2.8

## Buick

PASSENGER CARS EU									
Century 5.7 Limited	[LF9]	01.77- 01.82	110234	14	80	04.78-	110220	12	
		04.78- 12.79	110504	14	90				
		04.78- 12.79	112448	14	100				
		04.78- 12.79	112624						
		04.78- 12.79	113767	14	94				
		04.78- 12.79	112621#	14	100/105				
		01.82- 01.83	110233	14	63				
		01.82- 01.83	110505	14	75				
		01.83- 01.86	110508	14	78				
		01.84- 01.86	110471	14	94				
		01.84- 01.86	110492	14	108				
		01.87- 01.92	110499	14	100/105				
		AC 01.82- 01.83	110235	14	80				
		Electra						01.02- 12.02	112903#
Lesabre 3.8	[L36]	01.99-	111220	14	105	01.04- 01.05	112901#	12	1.5
Park Avenue 3.8	[L27]	01.91-	111220	14	105				
		01.91- 10.96	112638#	14	100/105				
Skylark 2.4	[LD9]	01.95- 12.99	114138	14	105				
	[LE2]	01.80- 12.82	110235	14	80	04.79- 12.82	110221	12	1.2
Skylark 2.8	[LE2]	01.79- 12.82	110505	14	75				
		04.79- 12.82	110504	14	90				
Skylark 3.3 V6	[LG7]	09.89- 01.91	110724	14	61/74				
		01.92- 09.93	111390#	14	100/105				





Various Models						01.80- 01.82	110220	12	
						01.98- 12.00	112901#	12 1.5	
						01.02- 12.02	112903#	12 1.4	
						01.91- 12.00	112898	12 1.6	
						[L4 2.5] 01.84- 06.84	112911	12 1.6	
						01.77- 01.80	110218	12	
					01.64- 01.80	112897	12 1.7		
					01.80-	110221	12 1.2		
<b>PASSENGER CARS US</b>									
Allure 3.8 CX						01.05-	112901#	12 1.5	
Allure 3.8 CXL						01.05-	112901#	12 1.5	
Apollo 4.1		01.73-	01.75	110505	14 75	01.73-	01.75	110217	
Apollo 4.1 SR		01.75-		110233	14 63	01.75-		110217	
		01.75-	01.75	110505	14 75				
Apollo 4.3		01.75-		110502	14 100/105	01.75-		110217	
		01.75-		110505	14 75				
Apollo 4.3 SR		01.75-		110505	14 75	01.75-		110217	
Apollo 5.7		01.73-	01.75	110502	14 100/105	01.73-	01.75	110217	
		01.73-	01.75	110233	14 63				
		01.73-	01.75	110505	14 75				
Apollo 5.7 SR		01.91-	01.93	112629	14 100/105	01.75-		110217	
		01.75-		110233	14 63				
		01.75-		110505	14 75				
Centurion 5.7		01.72-	01.73	110233	14 63	01.72-	01.73	110217	
		01.72-	01.73	110505	14 75				
Centurion 7.5		01.72-	01.73	110233	14 63	01.71-	01.73	110217	
		01.73-	01.73	110234	14 80				
		01.72-	01.73	110505	14 75				
		01.71-		110215#	14 90				
		01.71-		110075	14 60				
Century 2.2 Custom		01.93-	01.96	110500	14 100/105	01.93-	01.96	112911	12 1.6
Century 2.2 Limited		01.93-		110500	14 100/105	01.93-		112911	12 1.6
Century 2.2 Special		01.93-	01.96	110500	14 100/105	01.93-	01.96	112911	12 1.6
Century 2.5		01.84-	01.89	112624	14 100/105	01.84-	01.89	112911	12 1.6
		01.84-	01.89	112621#	14 100	01.84-	01.89	110221	12 1.2
		01.84-	01.89	112448	14 100				
		01.84-	01.89	110505	14 75				
		01.84-	01.89	110471	14 94				
		01.84-	01.86	110492	14 108				
		01.87-	01.89	110499	14 100/105				
Century 2.5 Custom		01.83-	01.92	112624	14 100/105				
		01.83-	01.92	112621#	14 100				
		01.83-	01.92	112448	14 100				
		01.82-	01.92	110505	14 75				
		01.82-	01.92	110235	14 80				
		01.83-	01.92	110471	14 94				
		01.84-	01.86	110492	14 108				
		01.87-	01.92	110499	14 100/105				
		01.83-	01.86	110508	14 78				
Century 2.5 Limited		01.83-	01.92	112448	14 100				
		01.83-	01.92	112624	14 100/105				
		01.83-	01.92	112621#	14 100				
		01.82-	01.92	110235	14 80				
		01.83-	01.92	110471	14 94				
		01.82-	01.92	110505	14 75				
		01.84-	01.92	110492	14 108				
		01.87-	01.92	110499	14 100/105				
		01.83-	01.86	110508	14 78				
Century 2.5 Special		01.91-	01.92	112624	14 100/105	01.91-	01.92	110221	12 1.2
		01.91-	01.92	112621#	14 100				
		01.91-	01.92	112448	14 100				
		01.91-	01.92	110499	14 100/105				
Century 2.8		01.87-	01.88	112624	14 100/105	01.85-	01.88	112911	12 1.6
		01.87-	01.88	112621#	14 100				
		01.87-	01.88	112448	14 100				
		01.87-	01.88	111388	14 100/105				
		01.87-	01.88	110499	14 100/105				
		01.85-		110471	14 94				
		01.85-		110508	14 78				
		01.85-	01.86	110492	14 108				
Century 2.8 Custom		01.87-	01.89	112624	14 100/105	01.83-	01.89	112911	12 1.6
		01.87-	01.89	112621#	14 100				
		01.87-	01.89	112448	14 100				
		01.87-	01.89	111388	14 100/105				
		01.87-	01.89	110499	14 100/105				
		01.83-	01.85	110508	14 78				
		01.83-	01.85	110471	14 94				
		01.84-	01.86	110492	14 108				
		01.83-	01.85	110505	14 75				
Century 2.8 Limited		01.87-	01.89	112624	14 100/105	01.83-	01.89	112911	12 1.6
		01.87-	01.89	112621#	14 100				
		01.87-	01.89	112448	14 100				
		01.87-	01.89	111388	14 100/105				
		01.87-	01.89	110499	14 100/105				
		01.83-	01.85	110508	14 78				
		01.83-	01.85	110471	14 94				
		01.84-	01.86	110492	14 108				
		01.83-	01.85	110505	14 75				
Century 3.0		01.84-	01.85	110492	14 108	01.84-	01.85	110221	12 1.2
		01.84-	01.85	110471	14 94				
		01.84-	01.85	110235	14 80				
		01.84-	01.85	110505	14 75				
Century 3.0 Custom		01.83-		110502	14 100/105	01.82-	01.85	110221	12 1.2
		01.82-	01.85	110235	14 80				
		01.84-	01.85	110492	14 108				
		01.82-	01.82	110505	14 75				
		01.83-	01.85	110508	14 78				
		01.84-	01.85	110471	14 94				
Century 3.0 Limited		01.82-	01.85	110235	14 80	01.82-	01.85	110221	12 1.2
		01.84-	01.85	110492	14 108				
		01.82-	01.82	110505	14 75				
		01.83-	01.85	110508	14 78				
		01.84-	01.85	110471	14 94				
Century 3.0 T-Type		01.83-	01.84	110235	14 80	01.83-	01.84	110221	12 1.2
		01.83-	01.84	110505	14 75				
		01.83-	01.84	110471	14 94				
		01.84-	01.84	110492	14 108				
		01.83-	01.84	110508	14 78				



Application list

BUICK Continued

Century 3.1 Custom						01.97- 01.00	112900	12	1.4
						01.94- 01.96	112911	12	1.6
		01.97- 01.97	111392#	14	105				
		01.94- 01.98	112642#	14	100/105				
Century 3.1 Limited		01.02- 01.03	114140	14	105	01.97- 01.00	112900	12	1.4
		01.97- 01.97	111392#	14	105				
Century 3.1 Special		01.94- 01.96	112642#	14	100/105	01.94- 01.96	112911	12	1.6
Century 3.2 Custom		01.78- 01.79	110505	14	75	01.78- 01.79	110221	12	1.2
						01.78- 01.79	110217		
Century 3.2 Limited		01.78- 01.79	110505	14	75	01.78- 01.79	110217		
Century 3.2 Special		01.78- 01.79	110505	14	75	01.78- 01.79	110217		
Century 3.2 Sport		01.78- 01.79	110505	14	75	01.78- 01.79	110217		
Century 3.3		01.89-	111486#	14	105	01.89-	110221	12	1.2
Century 3.3 Custom		01.89- 01.93	112624			01.89- 01.93	110221	12	1.2
		01.89- 01.93	112621#	14	100/105				
		01.89- 01.93	112448	14	100				
		01.89- 01.93	111486#	14	105				
		01.91- 01.93	110499	14	100/105				
Century 3.3 Limited		01.89- 01.93	112624			01.89- 01.93	110221	12	1.2
		01.89- 01.93	112621#	14	100/105				
		01.89- 01.93	112448	14	100				
		01.89- 01.93	111486#	14	105				
		01.91- 01.93	110499	14	100/105				
Century 3.3 Special		01.91- 01.93	112624			01.91- 01.93	110221	12	1.2
		01.91- 01.93	112621#	14	100/105				
		01.91- 01.93	112448	14	100				
		01.91- 01.93	111486#	14	105				
		01.91- 01.93	110499	14	100/105				
Century 3.8		01.86- 01.88	112624			01.84- 01.88	110221	12	1.2
		01.86- 01.88	112621#	14	100/105	01.75- 01.81	110217		
		01.86- 01.88	112448	14	100				
		01.84- 01.86	110492	14	108				
		01.87- 01.88	110499	14	100/105				
		01.86- 01.86	110508	14	78				
		01.84- 01.86	110471	14	94				
		01.75- 01.85	110505	14	75				
		01.80- 01.81	110235	14	80				
		01.75- 01.81	110502	14	100/105				
Century 3.8 Custom		01.86- 01.92	112624			01.84- 01.88	110221	12	1.2
		01.86- 01.88	112621#	14	100/105	01.75- 01.79	110217		
		01.86- 01.88	112448	14	100				
		01.84- 01.86	110492	14	108				
		01.87- 01.92	110499	14	100/105				
		01.84- 01.86	110471	14	94				
		01.75- 01.85	110505	14	75				
Century 3.8 Limited		01.86- 01.88	112624			01.84- 01.88	110221	12	1.2
		01.86- 01.88	112621#	14	100/105	01.78- 01.81	110217		
		01.86- 01.88	112448	14	100				
		01.84- 01.86	110492	14	108				
		01.87- 01.88	110499	14	100/105				
		01.86- 01.86	110508	14	78				
		01.84- 01.86	110471	14	94				
		01.78- 01.85	110505	14	75				
Century 3.8 Special		01.75- 01.79	110505	14	75	01.75- 01.79	110217		
Century 3.8 Sport		01.78- 01.80	110505	14	75	01.78- 01.80	110217		
Century 3.8 T-Type						01.84- 01.85	110221	12	1.2
		01.84- 01.86	110492	14	108				
		01.83- 01.86	110508	14	78				
		01.84- 01.86	110471	14	94				
		01.84- 01.85	110505	14	75				
Century 3.8 Turbo		01.80-	110505	14	75	01.80-	110217		
Century 3.8 Turbo Custom		01.79-	110505	14	75	01.79-	110217		
Century 3.8 Turbo Limited		01.79- 01.80	110505	14	75	01.79- 01.80	110217		
Century 3.8 Turbo Special		01.79-	110505	14	75	01.79-	110217		
Century 3.8 Turbo Sport		01.79- 01.80	110505	14	75	01.79- 01.80	110217		
Century 4.3		01.80- 01.81	110505	14	75				
Century 4.3 Limited		01.80- 01.81	110505	14	75				
Century 4.3		01.84- 01.85	110233	14	63				
		01.84- 01.85	110471	14	94				
		01.84- 01.85	110505	14	75				
		01.84- 01.85	110492	14	108				
Century 4.3 Custom		01.82- 01.85	110233	14	63				
		01.82- 01.85	110235	14	80				
		01.84- 01.85	110492	14	108				
		01.82- 01.85	110505	14	75				
		01.83- 01.85	110508	14	78				
		01.84- 01.85	110471	14	94				
Century 4.3 Limited		01.82- 01.85	110233	14	63				
		01.82- 01.85	110235	14	80				
		01.84- 01.85	110492	14	108				
		01.82- 01.82	110505	14	75				
		01.84- 01.85	110508	14	78				
		01.84- 01.85	110471	14	94				
Century 4.4		01.81-	110505	14	75	01.81-	110414	12	
		01.81-	110235	14	80				
Century 4.4 Limited		01.81-	110505	14	75	01.81-	110414	12	
		01.81-	110235	14	80				
Century 4.9		01.80-	110235	14	80				
		01.80-	110505	14	75				
Century 4.9 Custom		01.79-	110505	14	75	01.79- 01.79	110414	12	
Century 4.9 Limited		01.79- 01.80	110505	14	75	01.79- 01.80	110414	12	
Century 4.9 Special		01.79-	110505	14	75				
Century 4.9 Sport		01.79- 01.80	110505	14	75				
Century 5.0		01.91- 01.93	112629	14	100/105	01.77-	110216	12	1.4
		01.80-	110235	14	80	01.77-	110798	12	1.5
		01.77-	110505	14	75	01.80- 01.80	110414	12	
		01.77- 01.78	110234	14	80				
Century 5.0 Custom		01.77- 01.79	110505	14	75	01.78- 01.79	110414	12	
		01.77- 01.78	110234	14	80	01.77- 01.78	110216	12	1.4
						01.77- 01.78	110798	12	1.5
Century 5.0 Limited		01.91- 01.93	112629	14	100/105	01.78- 01.80	110414	12	
		01.78- 01.80	110505	14	75				
Century 5.0 Special		01.91- 01.93	112629	14	100/105	01.78- 01.79	110414	12	
		01.78- 01.79	110505	14	75				
Century 5.0 Sport		01.91- 01.93	112629	14	100/105	01.78-	110414	12	
		01.78-	110505	14	75				
Century 5.7		01.91- 01.93	112629	14	100/105	01.73- 01.77	110217		
		01.77-	110234	14	80	01.77-	110216	12	1.4
		01.73- 01.77	110505	14	75				
		01.73- 01.77	110233	14	63				



Century 5.7 Custom	01.91- 01.93	112629	14	100/105	01.75- 01.77	110217		
	01.77- 01.79	110234	14	80	01.77- 01.79	110216	12	1.4
	01.75- 01.79	110505	14	75				
	01.75- 01.79	110233	14	63				
Century 5.7 Luxus	01.73- 01.74	110233	14	63	01.73- 01.74	110217		
	01.73- 01.74	110505	14	75				
Century 5.7 Special	01.79-	110234	14	80	01.79-	110216	12	1.4
	01.91- 01.93	112629	14	100/105				
Century 5.7	01.79-	110505	14	75				
	01.91- 01.93	112629	14	100/105	01.81-	110220	12	
	01.81-	110235	14	80				
Century 5.7 Limited	01.81-	110505	14	75				
	01.91- 01.93	112629	14	100/105	01.81-	110220	12	
	01.81-	110235	14	80				
Century 6.6 Custom	01.81-	110505	14	75				
	01.77-	110505	14	75	01.77-	110218	12	
	01.77-	110234	14	80				
Century 7.5	01.73-	110234	14	80	01.73-	110217		
	01.73-	110233	14	63				
	01.73-	110505	14	75				
Century 7.5 Luxus	01.73-	110234	14	80	01.73-	110217		
	01.73-	110505	14	75				
	01.73-	110233	14	63				
Electra 3.0 300	01.85-	110492	14	108	01.85-	110221	12	1.2
	01.85-	110235	14	80				
	01.85-	110508	14	78				
Electra 3.8	01.86-	110235	14	80	01.86-	110221	12	1.2
	01.86-	110492	14	108				
	01.86-	110508	14	78				
Electra 3.8 300	01.85-	110492	14	108	01.85-	110221	12	1.2
	01.83- 01.87	110508	14	78				
	01.88- 01.90	112638#	14	100/105	01.87- 01.90	110221	12	1.2
Electra 3.8 Park Avenue	01.88- 01.90	111220	14	105				
	01.87- 01.90	110492	14	108				
	01.87-	112878#	14	120				
	01.87- 01.87	110508	14	78				
	01.88- 01.90	112638#	14	100/105	01.85- 01.90	110221	12	1.2
	01.88- 01.90	111220	14	105				
Electra 3.8 Park Avenue Ultra	01.85- 01.90	110492	14	108				
	01.87-	112878#	14	120				
	01.85- 01.87	110508	14	78				
	01.86-	110235	14	80				
	01.90-	112638#	14	100/105	01.90-	110221	12	1.2
	01.90-	111220	14	105				
Electra 3.8 T-Type	01.90-	110492	14	108				
	01.88- 01.90	112638#	14	100/105	01.85- 01.90	110221	12	1.2
	01.88- 01.90	111220	14	105				
	01.85- 01.90	110492	14	108				
	01.87-	112878#	14	120				
	01.85-	110508	14	78				
Electra 3.8 Ultra	01.86-	110235	14	80				
	01.89-	112638#	14	100/105	01.89-	110221	12	1.2
	01.89-	111220	14	105				
Electra 4.1 Limited	01.89-	110492	14	108				
	01.80- 01.84	110235	14	80	01.80- 01.84	110217		
Electra 4.1 Park Avenue	01.80- 01.84	110505	14	75				
	01.80- 01.84	110235	14	80	01.80- 01.84	110217		
Electra 4.3 300	01.85-	110492	14	108				
	01.85-	110471	14	94				
	01.85-	110505	14	75				
	01.85-	110508	14	78				
Electra 4.3 Park Avenue	01.85-	110471	14	94				
	01.85-	110505	14	75				
	01.85-	110492	14	108				
	01.85-	110508	14	78				
Electra 4.9	01.80-	110505	14	75				
	01.80-	110235	14	80				
Electra 5.0	01.84- 01.89	110471	14	94				
	01.84- 01.89	110508	14	78				
	01.84- 01.89	110492	14	108				
	01.81- 01.83	110505	14	75				
Electra 5.0 Limited	01.75- 01.83	110235	14	80				
	01.91- 01.93	112629	14	100/105				
	01.84-	110471	14	94				
	01.84-	110508	14	78				
	01.81- 01.83	110235	14	80				
Electra 5.0 Park Avenue	01.81- 01.83	110505	14	75				
	01.91- 01.93	112629	14	100/105				
	01.84-	110508	14	78				
	01.84-	110471	14	94				
	01.81- 01.83	110235	14	80				
Electra 5.7	01.81- 01.83	110505	14	75				
	01.91- 01.93	112629	14	100/105	01.80-	110217		
	01.80-	110505	14	75	01.80-	110218	12	
	01.80-	110234	14	80				
Electra 5.7 225	01.80-	110235	14	80				
	01.76- 01.79	110233	14	63	01.76- 01.79	110217		
	01.77- 01.79	110234	14	80				
	01.76- 01.79	110505	14	75				
	01.91- 01.93	112629	14	100/105				
Electra 5.7 225 Limited	01.91- 01.93	112629	14	100/105	01.77-	110217		
	01.77-	110505	14	75				
	01.77-	110234	14	80				
Electra 5.7 Limited	01.77-	110233	14	63				
	01.78- 01.80	110233	14	63	01.78- 01.80	110217		
	01.78- 01.80	110234	14	80	01.78- 01.80	110218	12	
Electra 5.7 Park Avenue	01.78- 01.80	110505	14	75				
	01.81-	110235	14	80	01.78- 01.80	110217		
	01.91- 01.93	112629	14	100/105				
	01.78- 01.80	110233	14	63	01.78- 01.80	110218	12	
	01.78- 01.80	110234	14	80				





Application list

**BUICK Continued**

Electra 5.7	01.84- 01.85	110508	14	78	01.80- 01.83	110220	12
	01.84- 01.85	110471	14	94			
	01.80- 01.83	110505	14	75			
	01.80- 01.83	110235	14	80			
Electra 5.7 Limited	01.80- 01.83	110235	14	80	01.80- 01.83	110220	12
	01.80- 01.83	110505	14	75			
Electra 5.7 Park Avenue	01.91- 01.93	112629	14	100/105	01.80- 01.82	110220	12
	01.80- 01.82	110505	14	75			
	01.83-	110471	14	94			
	01.80- 01.82	110235	14	80			
Electra 6.6	01.83-	110508	14	78			
	01.62- 01.66	110215#	14	90			
Electra 6.6 225	01.62- 01.66	110075	14	60			
	01.77- 01.79	110505	14	75	01.77- 01.79	110218	12
Electra 6.6 225 Limited	01.77- 01.79	110234	14	80			
	01.77-	110234	14	80	01.77-	110218	12
Electra 6.6 Limited	01.77-	110505	14	75			
	01.78- 01.79	110234	14	80	01.78- 01.79	110218	12
Electra 6.6 Park Avenue	01.78- 01.79	110505	14	75			
	01.78- 01.79	110234	14	80	01.78- 01.79	110218	12
Electra 7.0	01.78- 01.79	110505	14	75			
	01.65- 01.67	110215#	14	90	01.67- 01.67	110217	
Electra 7.0 225	01.65- 01.67	110075	14	60			
	01.68- 01.69	110215#	14	90	01.68- 01.69	110217	
Electra 7.0 225 Custom	01.68- 01.69	110075	14	60			
	01.68- 01.69	110215#	14	90	01.68- 01.69	110217	
Electra 7.5	01.68- 01.69	110075	14	60			
	01.73- 01.73	110505	14	75	01.73- 01.73	110217	
Electra 7.5 225	01.73- 01.73	110234	14	80			
	01.73- 01.73	110233	14	63			
Electra 7.5 225 Custom	01.72- 01.74	110233	14	63	01.70- 01.74	110217	
	01.72- 01.74	110505	14	75			
	01.74-	110234	14	80			
	01.70- 01.71	110215#	14	90			
Electra 7.5 225 Limited	01.70- 01.71	110075	14	60			
	01.72- 01.75	110505	14	75	01.70- 01.75	110217	
	01.74-	110234	14	80			
	01.72- 01.75	110233	14	63			
Electra 7.5 Limited	01.74- 01.75	110505	14	75	01.74- 01.75	110217	
	01.74- 01.75	110234	14	80			
Estate Wagon 5.7	01.74- 01.75	110233	14	63			
	01.76-	110234	14	80			
	01.76-	110505	14	75			
	01.76-	110233	14	63			
Estate Wagon 6.6	01.72- 01.79	110233	14	63	01.70- 01.79	110217	
	01.72- 01.79	110505	14	75			
	01.77- 01.79	110234	14	80			
	01.91- 01.93	112629	14	100/105			
Estate Wagon 7.5	01.70-	110215#	14	90			
	01.70-	110075	14	60			
Gran Fury 5.6	01.77- 01.79	110505	14	75	01.77- 01.79	110218	12
	01.77- 01.79	110234	14	80			
Gran Fury 6.6	01.72- 01.75	110233	14	63	01.70- 01.75	110217	
	01.72- 01.75	110505	14	75			
GS 5.7	01.74-	110234	14	80			
	01.70- 01.71	110215#	14	90			
	01.70- 01.71	110075	14	60			
	01.67- 01.67	110215#	14	90	01.67- 01.67	110217	
GS 350 5.7	01.67- 01.67	110075	14	60			
	01.65- 01.67	110215#	14	90	01.65- 01.67	110217	
GS 400 6.6	01.65- 01.67	110075	14	60			
	01.68- 01.69	110215#	14	90	01.68- 01.69	110217	
GS 455 7.5	01.68- 01.69	110075	14	60			
	01.70- 01.72	110215#	14	90	01.70- 01.72	110217	
Invicta 6.6	01.70- 01.72	110075	14	60			
	01.62- 01.63	110215#	14	90			
Lacrosse 3.8 CX	01.62- 01.63	110075	14	60	01.05-	112901#	12 1.5
Lacrosse 3.8 CXL					01.05-	112901#	12 1.5
Lesabre 3.0 Custom	01.86- 01.86	110492	14	108	01.86-	110221	12 1.2
Lesabre 3.0 Limited					01.86-	110221	12 1.2
Lesabre 3.8	01.76- 01.81	110217	14	105	01.76- 01.81	110217	12 1.2
	01.88- 01.91	112638#	14	100/105	01.87- 01.91	110221	12 1.2
					01.99- 01.99	112903#	12 1.4
	01.88- 01.91	111220	14	105			
	01.87- 01.88	112878#	14	120			
	01.87- 01.88	110492	14	108			
	01.87- 01.87	110508	14	78			
	01.76- 01.81	110505	14	75			
	01.76- 01.79	110234	14	80			
	01.80- 01.81	110235	14	80			
Lesabre 3.8 Custom	01.77- 01.85	110505	14	75	01.77- 01.85	110217	
	01.82- 01.85	110235	14	80	01.86- 01.95	110221	12 1.2
	01.82- 01.87	110508	14	78	01.04- 01.05	112901#	12 1.5
	01.88- 01.95	112638#	14	100/105	01.00- 01.03	112903#	12 1.4
					01.96- 01.98	112898	12 1.6
	01.88- 01.95	111220	14	105			
Lesabre 3.8 Limited	01.86- 01.88	110492	14	108			
	01.77- 01.78	110234	14	80			
Lesabre 3.8 Limited	01.92- 01.95	112885#	14	140	01.79- 01.85	110217	
	01.88- 01.95	112638#	14	100/105	01.86- 01.95	110221	12 1.2
					01.04- 01.05	112901#	12 1.5
	01.88- 01.95	111220	14	105	01.00- 01.03	112903#	12 1.4
					01.96- 01.98	112898	12 1.6
	01.85- 01.88	110492	14	108			
	01.83- 01.87	110508	14	78			
	01.79- 01.85	110505	14	75			
	01.79- 01.79	110234	14	80			
	01.80- 01.82	110235	14	80			
	01.92- 01.95	112885#	14	140			



Lesabre 3.8 Turbo Sport	01.78- 01.80	110505	14	75	01.78- 01.80	110217		
	01.78- 01.79	110234	14	80				
Lesabre 4.1	01.80- 01.80	110235	14	80	01.80- 01.81	110217		
	01.80- 01.81	110505	14	75				
Lesabre 4.1 Custom	01.82- 01.84	110505	14	75	01.82- 01.84	110217		
	01.82- 01.84	110235	14	80				
Lesabre 4.1 Limited	01.83- 01.84	110508	14	78	01.80- 01.84	110217		
	01.80- 01.84	110505	14	75				
Lesabre 4.4 Custom	01.80- 01.84	110235	14	80				
	01.83- 01.84	110508	14	78				
Lesabre 4.4 Limited	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.82- 01.82	110235	14	80				
Lesabre 4.9	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.82- 01.82	110235	14	80				
Lesabre 4.9 Custom	01.77- 01.79	110505	14	75	01.65- 01.79	110217		
	01.80- 01.80	110235	14	80				
Lesabre 4.9 Limited	01.65- 01.65	110215#	14	90				
	01.65- 01.65	110075	14	60				
Lesabre 5.0	01.77- 01.78	110505	14	75	01.77- 01.78	110217		
	01.77- 01.78	110234	14	80				
Lesabre 5.0 Custom	01.79- 01.79	110505	14	75				
	01.80- 01.80	110235	14	80				
Lesabre 5.0 Limited	01.79- 01.79	110234	14	80				
	01.79- 01.79	110234	14	80				
Lesabre 5.6	01.81- 01.83	110235	14	80	01.78-	110216	12	1.4
	01.78- 01.83	110505	14	75				
Lesabre 5.0 Custom	01.83- 01.90	110508	14	78				
	01.91- 01.93	112629	14	100/105				
Lesabre 5.0 Limited	01.85- 01.90	110471	14	94				
	01.85- 01.90	110492	14	108				
Lesabre 5.6	01.78- 01.78	110234	14	80				
	01.82- 01.83	110235	14	80	01.78-	110216	12	1.4
Lesabre 5.0 Custom	01.78- 01.83	110505	14	75				
	01.83- 01.85	110508	14	78				
Lesabre 5.0 Limited	01.91- 01.93	112629	14	100/105				
	01.78- 01.78	110234	14	80				
Lesabre 5.6	01.84- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Lesabre 5.7	01.81- 01.83	110505	14	75				
	01.81- 01.83	110235	14	80				
Lesabre 5.7 Custom	01.83- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
Lesabre 5.7 Limited	01.85- 01.85	110492	14	108				
	01.66- 01.67	110215#	14	90	01.66- 01.67	110217		
Lesabre 5.7	01.66- 01.67	110075	14	60				
	01.91- 01.93	112629	14	100/105	01.68- 01.80	110217		
Lesabre 5.7 Custom	01.72- 01.80	110505	14	75	01.80-	110218	12	
	01.77- 01.80	110234	14	80				
Lesabre 5.7 Limited	01.80- 01.80	110235	14	80				
	01.68- 01.71	110215#	14	90				
Lesabre 5.7 Custom	01.68- 01.71	110075	14	60				
	01.68- 01.71	110233	14	63				
Lesabre 5.7 Limited	01.68- 01.71	110215#	14	90	01.68- 01.78	110217		
	01.68- 01.71	110075	14	60				
Lesabre 5.7 Custom	01.91- 01.93	112629	14	100/105				
	01.72- 01.78	110234	14	80				
Lesabre 5.7 Limited	01.72- 01.77	110233	14	63				
	01.72- 01.78	110505	14	75				
Lesabre 5.7 Custom	01.79- 01.80	110234	14	80	01.79- 01.80	110217		
	01.79- 01.80	110233	14	63	01.79- 01.80	110218	12	
Lesabre 5.7 Limited	01.80- 01.80	110235	14	80				
	01.79- 01.80	110505	14	75				
Lesabre 5.7 Custom	01.91- 01.93	112629	14	100/105	01.74-	110217		
	01.74- 01.74	110505	14	75				
Lesabre 5.7 Limited	01.74- 01.74	110234	14	80				
	01.74- 01.74	110233	14	63				
Lesabre 5.7 Custom	01.80- 01.83	110505	14	75	01.80- 01.83	110220	12	
	01.80- 01.83	110235	14	80				
Lesabre 5.7 Limited	01.83- 01.83	110508	14	78				
	01.91- 01.93	112629	14	100/105				
Lesabre 5.7 Custom	01.85- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Lesabre 5.7 Limited	01.83- 01.85	110508	14	78				
	01.82- 01.83	110235	14	80				
Lesabre 6.6	01.82- 01.83	110505	14	75				
	01.84- 01.85	110471	14	94				
Lesabre 6.6 Custom	01.85- 01.85	110492	14	108				
	01.77- 01.78	110505	14	75	01.77- 01.78	110218	12	
Lesabre 6.6 Custom	01.77- 01.78	110234	14	80				
	01.60- 01.64	110075	14	60				
Lesabre 7.0	01.60- 01.64	110215#	14	90				
	01.77- 01.78	110234	14	80				
Lesabre 7.5	01.70- 01.71	110215#	14	90	01.70- 01.75	110217		
	01.70- 01.71	110075	14	60				
Lesabre 7.5 Custom	01.72- 01.75	110505	14	75				
	01.72- 01.75	110233	14	63				
Lesabre 7.5 Custom	01.70- 01.71	110215#	14	90	01.70- 01.75	110217		
	01.70- 01.71	110075	14	60				
Lesabre 7.5 Limited	01.72- 01.75	110233	14	63				
	01.72- 01.75	110505	14	75				
Lesabre 7.5 Custom	01.76- 01.76	110234	14	80				
	01.74- 01.74	110233	14	63	01.74-	110217		
Lesabre 7.5 Limited	01.74- 01.74	110505	14	75				
	01.74- 01.74	110234	14	80				
Opel 1.8	01.77- 01.79	110248	14	40	01.77- 01.79	110477#	12	1.2
	01.77- 01.77	110248	14	40				
Opel 1.8 Deluxe	01.78- 01.78	110248	14	40				
	01.78- 01.78	110248	14	40				
Opel 1.8 Sport	01.78- 01.78	110248	14	40				
	01.78- 01.78	110248	14	40				
Park Avenue 3.8	01.99- 01.02	112851#	14	125	01.98- 01.03	112903#	12	1.4
					01.96-	112898	12	1.6
Park Avenue 3.8					01.91- 01.94	110221	12	1.2
					01.04- 01.05	112901#	12	1.5
Park Avenue 3.8								
	01.95-	112892#	14	124				
Park Avenue 3.8								
	01.91- 01.94	112638#	14	100/105				
Park Avenue 3.8								
	01.91- 01.94	111220	14	105				
Park Avenue 3.8								
	01.91- 01.94	112885#	14	140				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

BUICK Continued

Park Avenue 3.8 Ultra	01.91-	112638#	14	100/105	01.91-	110221	12	1.2
	01.91-	111220	14	105				
	01.91-	112885#	14	140				
Park Avenue 3.8 Super	01.99- 01.00	112851#	14	125	01.99- 01.00	112898	12	1.6
Park Avenue 3.8 Super Ultra					01.91- 01.03	112898	12	1.6
					01.04- 01.05	112901#	12	1.5
	01.91- 01.91	112638#	14	100/105				
	01.91- 01.91	111220	14	105				
	01.94-	113160#	14	105				
	01.01- 01.02	112851#	14	125				
Raider 4.2					01.04- 01.04	112905	12	1.6
Raider 5.3	01.04- 01.04	112853	14	130	01.04- 01.04	112902	12	1.2
Reatta 3.8	01.80- 01.83	110235	14	80	01.91-	110221	12	1.2
	01.84- 01.86	110471	14	94				
	01.83- 01.85	110508	14	78				
	01.91-	112885#	14	140				
Regal 2.8 Custom	01.88- 01.89	112637#	14	100/105	01.88- 01.89	112911	12	1.6
	01.88- 01.89	111389	14	100/105				
Regal 2.8 Limited	01.88- 01.89	112637#	14	100/105	01.88- 01.89	112911	12	1.6
	01.88- 01.89	111389	14	100/105				
Regal 3.1 Custom	01.94- 01.96	111392#	14	105	01.89- 01.96	112911	12	1.6
	01.89- 01.93	112637#	14	100/105				
	01.89- 01.93	111389	14	100/105				
Regal 3.1 Limited	01.89- 01.93	112637#	14	100/105	01.89- 01.93	112911	12	1.6
	01.89- 01.93	111389	14	100/105				
Regal 3.2	01.78- 01.79	110505	14	75	01.78- 01.79	110217		
Regal 3.2 Limited	01.78- 01.79	110505	14	75	01.78- 01.79	110217		
Regal 3.8					01.99- 01.00	112903#	12	1.4
	01.75- 01.87	110505	14	75	01.75- 01.87	110217		
	01.81- 01.83	110235	14	80	01.04-	112901#	12	1.5
	01.83- 01.87	110508	14	78				
	01.84- 01.87	110471	14	94				
Regal 3.8 Custom	01.96-	112615	14	105	01.04-	112901#	12	1.5
	01.96- 01.96	111392#	14	105	01.96-	112898	12	1.6
					01.90- 01.95	110221	12	1.2
	01.90- 01.95	112638#	14	100/105				
	01.90- 01.95	111220	14	105				
Regal 3.8 Gran Sport	01.96-	112615	14	105	01.04-	112901#	12	1.5
	01.96- 01.96	111392#	14	105	01.96-	112898	12	1.6
					01.92- 01.95	110221	12	1.2
	01.92- 01.95	112638#	14	100/105				
	01.92- 01.95	111220	14	105				
Regal 3.8 Limited	01.96- 01.96	111392#	14	105	01.04-	112901#	12	1.5
					01.96-	112898	12	1.6
	01.90- 01.95	112638#	14	100/105	01.78- 01.87	110217		
					01.90- 01.95	110221	12	1.2
	01.90- 01.95	111220	14	105				
	01.78- 01.87	110505	14	75				
	01.96-	112615	14	105				
Regal 3.8 LS					01.98- 01.03	112903#	12	1.4
					01.04-	112901#	12	1.5
	01.97- 01.97	111392#	14	105	01.97-	112898	12	1.6
Regal 3.8 Super					01.99- 01.00	112898	12	1.6
Regal 3.8 Super GS					01.97- 01.03	112898	12	1.6
					01.04-	112901#	12	1.5
Regal 3.8 Turbo Grand National	01.84- 01.85	110471	14	94	01.84- 01.87	110217		
	01.84- 01.85	110508	14	78				
	01.86- 01.87	112877#	14	120				
Regal 3.8 Turbo Limited	01.85-	112877#	14	120	01.04-	112901#	12	1.5
	01.87- 01.87	110235	14	80	01.87-	110217		
	01.87- 01.87	110508	14	78				
	01.87- 01.87	110471	14	94				
Regal 3.8 Turbo Sport	01.78- 01.82	110505	14	75	01.04-	112901#	12	1.5
					01.78- 01.82	110217		
Regal 3.8 Turbo T-Type	01.86-	112877#	14	120	01.83- 01.85	110217		
	01.83- 01.85	110471	14	94	01.04-	112901#	12	1.5
	01.83-	110235	14	80				
	01.83- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
Regal 4.1	01.82- 01.84	110235	14	80	01.82- 01.84	110217		
	01.82- 01.84	110505	14	75				
	01.83- 01.84	110508	14	78				
Regal 4.1 Limited	01.82- 01.84	110505	14	75	01.82- 01.84	110217		
	01.82- 01.84	110235	14	80				
	01.82- 01.83	110502	14	100/105				
	01.82- 01.84	110508	14	78				
	01.84- 01.84	110471	14	94				
Regal 4.3	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Regal 4.3 Limited	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Regal 4.3	01.82- 01.83	110235	14	80				
	01.82- 01.83	110505	14	75				
	01.84-	110471	14	94				
	01.84- 01.84	110508	14	78				
Regal 4.3 Limited	01.83- 01.83	110471	14	94				
	01.82- 01.84	110235	14	80				
	01.83- 01.84	110508	14	78				
Regal 4.4	01.81- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.81- 01.82	110235	14	80				
	01.82- 01.82	110502	14	100/105				
	01.82- 01.82	110508	14	78				
Regal 4.4 Limited	01.81- 01.82	110235	14	80	01.82- 01.82	110414	12	
	01.81- 01.82	110505	14	75				
	01.82- 01.82	110502	14	100/105				
	01.82- 01.82	110508	14	78				
Regal 4.9	01.79- 01.80	110505	14	75				
Regal 4.9 Limited	01.79- 01.80	110505	14	75				
Regal 5.0	01.77- 01.83	110505	14	75	01.78- 01.83	110414	12	
	01.91- 01.93	112629	14	100/105	01.77- 01.78	110216	12	1.4
	01.80- 01.83	110235	14	80				
	01.83- 01.87	110508	14	78				
	01.83- 01.87	110471	14	94				
	01.82- 01.83	110502	14	100/105				
Regal 5.0 Limited	01.91- 01.93	112629	14	100/105	01.78- 01.80	110414	12	
	01.83- 01.87	110508	14	78				
	01.83- 01.87	110471	14	94				
	01.78- 01.80	110505	14	75				
	01.83-	110235	14	80				
	01.83- 01.83	110502	14	100/105				





Regal 5.7	01.91- 01.93	112629	14	100/105	01.77-	110216	12	1.4
	01.73- 01.76	110505	14	75	01.73- 01.76	110217		
	01.73- 01.76	110234	14	80				
	01.73- 01.76	110233	14	63				
Regal 5.7	01.91- 01.93	112629	14	100/105	01.81-	110220	12	
	01.83- 01.87	110508	14	78				
	01.84- 01.87	110471	14	94				
	01.81- 01.83	110505	14	75				
Regal 5.7 Limited	01.81- 01.83	110235	14	80	01.81-	110220	12	
	01.81- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Regal 5.7 Sport				01.81-	110220	12		
Regal 7.5	01.73- 01.74	110233	14	63	01.73- 01.74	110217		
	01.73- 01.74	110505	14	75				
Riviera 3.8	01.91- 01.93	112885#	14	140	01.95- 01.97	112898	12	1.6
					01.88- 01.93	110221	12	1.2
	01.86- 01.86	110471	14	94				
	01.96- 01.97	112894#	14	140				
Riviera 3.8 T-Type				01.86- 01.86	110471	14	94	
Riviera 3.8 Super				01.96- 01.98	112894#	14	140	
Riviera 3.8 Turbo	01.80-	110235	14	80	01.95- 01.99	112898	12	1.6
	01.80-	110505	14	75				
Riviera 3.8 Turbo S	01.84- 01.85	110471	14	94				
	01.79- 01.80	110505	14	75				
Riviera 3.8 Turbo T-Type	01.84- 01.85	110471	14	94				
	01.81- 01.82	110235	14	80				
Riviera 4.1	01.83- 01.83	110508	14	78				
	01.81- 01.84	110235	14	80				
Riviera 4.1 T-Type	01.81-	110235	14	80				
Riviera 5.0	01.80- 01.85	110235	14	80				
Riviera 5.0 S	01.83- 01.85	110508	14	78				
	01.91- 01.93	112629	14	100/105				
Riviera 5.0 T-Type	01.80-	110235	14	80				
	01.91- 01.93	112629	14	100/105				
Riviera 5.7	01.81-	110235	14	80				
	01.91- 01.93	112629	14	100/105	01.77- 01.80	110217		
	01.77-	110233	14	63				
	01.77- 01.80	110234	14	80				
Riviera 5.7 S	01.77- 01.80	110505	14	75				
	01.79- 01.80	110505	14	75				
Riviera 5.7	01.79- 01.80	110234	14	80				
	01.83- 01.85	110508	14	78				
Riviera 6.6	01.81- 01.85	110235	14	80				
	01.77- 01.78	110505	14	75	01.77- 01.78	110218	12	
	01.77- 01.78	110234	14	80				
	01.63- 01.65	110215#	14	90				
Riviera 7.0	01.63- 01.65	110075	14	60				
	01.63- 01.69	110215#	14	90	01.67- 01.69	110217		
Riviera 7.5	01.63- 01.69	110075	14	60				
	01.70- 01.74	110234	14	80	01.70- 01.74	110217		
Roadmaster 5.0	01.70- 01.74	110505	14	75				
	01.70- 01.74	110233	14	63				
	01.91- 01.93	112629	14	100/105	01.91-	112913#	12	1.4
	01.91-	112640	14	100/105				
Roadmaster 5.7	01.91- 01.92	110500	14	100/105				
	01.94- 01.96	112884	14	140	01.94- 12.95	112897	12	1.7
	01.91- 01.93	112629	14	100/105	01.94- 01.96	111040		
	01.92- 01.93	112640	14	100/105	01.92- 01.93	110216	12	1.4
Roadmaster 5.7 Limited	01.92- 01.93	110500	14	100/105				
	01.94- 01.96	112884	14	140	01.95-	112897	12	1.7
	01.92- 01.93	110500	14	100/105	01.94- 01.96	111040		
	01.91- 01.93	112629	14	100/105	01.92- 01.93	110216	12	1.4
Skyhawk 1.8 Custom	01.92- 01.93	112640	14	100/105				
	01.82- 01.86	110235	14	80	01.82- 01.86	112909#	12	
	01.83- 01.86	110508	14	78				
	01.83- 01.86	110471	14	94				
Skyhawk 1.8 Limited	01.82- 01.82	110505	14	75				
	01.82- 01.86	110235	14	80	01.82- 01.86	112909#	12	
	01.83- 01.86	110508	14	78				
	01.83- 01.86	110471	14	94				
Skyhawk 1.8 Sport	01.82- 01.82	110505	14	75				
	01.86- 01.86	110471	14	94	01.86-	112909#	12	
Skyhawk 1.8 T-Type	01.86-	110508	14	78				
	01.83- 01.86	110508	14	78	01.83- 01.86	112909#	12	
	01.83- 01.86	110471	14	94				
	01.83- 01.86	110235	14	80				
Skyhawk 1.8 Turbo Custom	01.84-	110471	14	94	01.84-	112909#	12	
Skyhawk 1.8 Turbo T-Type	01.84-	110508	14	78				
	01.84- 01.86	110508	14	78	01.84- 01.86	112909#	12	
Skyhawk 2.0	01.84- 01.86	110471	14	94				
	01.88-	112858#	14	74	01.88-	112909#	12	
					01.89- 12.89	112911	12	1.6
	01.88- 01.89	110724	14	61/74				
Skyhawk 2.0 Custom	01.88- 01.89	110503	14	100/105				
	01.87-	110503	14	100/105	01.87-	112909#	12	
	01.83- 01.86	110492	14	108	01.84- 12.84	112911	12	1.6
	01.83- 01.86	110505	14	75				
Skyhawk 2.0 Limited	01.87-	110503	14	100/105	01.87-	112909#	12	
	01.83- 01.86	110492	14	108	01.84- 12.84	112911	12	1.6
	01.83- 01.86	110505	14	75				
Skyhawk 2.0 Sport				01.87-	112909#	12		
Skyhawk 2.0 Turbo Custom	01.87- 01.87	110503	14	100/105	01.87-	112909#	12	
	01.86- 01.86	110508	14	78				
Skyhawk 2.0 Turbo Limited	01.87- 01.87	110503	14	100/105	01.87-	112909#	12	
Skyhawk 2.0 Turbo Sport	01.87- 01.87	110503	14	100/105	01.87-	112909#	12	
Skyhawk 3.8	01.87- 01.87	110503	14	100/105				
Skyhawk 3.8 S	01.75- 01.80	110505	14	75	01.75- 01.80	110217		
	01.76- 01.80	110505	14	75	01.76- 01.80	110217		
Skyhawk 2.3	01.91-	112620						
	01.91-	112621#	14	100/105				
	01.91-	112448	14	100				
	01.91-	112624						
	01.91- 01.92	110499	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

BUICK Continued

Skylark 2.3 Custom	01.88- 01.95	112621#	14	100/105				
	01.88- 01.95	112448	14	100				
	01.88- 01.95	112624						
Skylark 2.3 Gran Sport	01.88- 01.95	110499	14	100/105				
	01.88- 01.95	112620						
	01.90- 01.95	112620						
	01.90- 01.95	112621#	14	100/105				
	01.90- 01.95	112448	14	100				
Skylark 2.3 Limited	01.90- 01.95	112624						
	01.90- 01.95	110499	14	100/105				
	01.88- 01.95	112621#	14	100/105				
	01.88- 01.95	112448	14	100				
	01.88- 01.95	112624						
Skylark 2.3 Luxury Edition	01.88- 01.95	110499	14	100/105				
	01.88- 01.95	112620						
	01.90- 01.91	112620						
	01.90- 01.91	112621#	14	100/105				
	01.90- 01.91	112448	14	100				
Skylark 2.4	01.90- 01.91	112624						
	01.90- 01.91	110499	14	100/105				
	01.98- 01.98	114138	14	105				
Skylark 2.4 Custom	01.96- 01.97	114138	14	105				
Skylark 2.4 Limited	01.96- 01.97	114138	14	105				
Skylark 2.5	01.90- 01.91	110984	14	100/105				
	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
	01.80- 01.82	110502	14	100/105				
	01.82- 01.82	110508	14	78				
Skylark 2.5 Custom	01.80- 01.82	110221	12	1.2				
	01.85- 01.87	110492	14	108				
	01.88- 01.91	110984	14	100/105				
	01.83- 01.85	110505	14	75				
	01.83- 01.85	110235	14	80				
Skylark 2.5 Gran Sport	01.83- 01.85	110471	14	94				
	01.83- 01.85	110502	14	100/105				
	01.83- 01.85	110508	14	78				
	01.90- 01.91	110984	14	100/105				
	01.80- 01.85	110221	12	1.2				
Skylark 2.5 Limited	01.86- 01.87	110492	14	108				
	01.88- 01.89	110984	14	100/105				
	01.80- 01.85	110235	14	80				
	01.80- 01.85	110502	14	100/105				
	01.80- 01.85	110505	14	75				
	01.82- 01.85	110508	14	78				
	01.83- 01.83	110471	14	94				
	AC 01.82- 01.85	110471	14	94				
	01.90- 01.91	110984	14	100/105				
	01.80- 01.81	110505	14	75				
Skylark 2.5 Sport	01.80- 01.81	110235	14	80				
	01.80- 01.82	110502	14	100/105				
	01.82- 01.82	110508	14	78				
	01.80- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
Skylark 2.8	01.83- 01.85	110471	14	94				
	01.83- 01.85	110508	14	78				
	01.83- 01.85	110235	14	80				
	01.83- 01.85	110505	14	75				
	01.85- 01.85	110471	14	94				
Skylark 2.8 Custom	01.85- 01.85	110508	14	78				
	01.80- 01.85	110505	14	75				
	01.80- 01.85	110235	14	80				
	AC 01.83- 01.84	110508	14	78				
	AC 01.82- 01.85	110471	14	94				
Skylark 2.8 Limited	01.80- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.80- 01.82	110508	14	78				
Skylark 2.8 Sport	01.80- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.80- 01.82	110508	14	78				
Skylark 2.8 T-Type	01.83- 01.84	110508	14	78				
	01.83- 01.84	110471	14	94				
	01.83- 01.84	110505	14	75				
Skylark 3.0 Custom	01.83- 01.84	110235	14	80				
	01.86- 01.88	110502	14	100/105				
	01.86- 01.88	110502	14	100/105				
Skylark 3.1	01.86- 01.88	110221	12	1.2				
	01.98- 01.98	112911	12	1.6				
	01.94- 01.97	112911	12	1.6				
Skylark 3.1 Custom	01.94- 01.95	112642#	14	100/105				
	01.94- 01.95	112642#	14	100/105				
Skylark 3.1 Gran Sport	01.94- 01.95	112642#	14	100/105				
	01.94- 01.97	112911	12	1.6				
Skylark 3.1 Limited	01.94- 01.95	112642#	14	100/105				
	01.94- 01.97	112911	12	1.6				
Skylark 3.2	01.94- 01.95	112642#	14	100/105				
	01.62- 01.63	110215#	14	90				
Skylark 3.3	01.62- 01.63	110075	14	60				
	01.91- 01.92	112857						
Skylark 3.3 Custom	01.91- 01.92	111390#	14	100/105				
	01.91- 01.91	110724	14	61/74				
	01.89- 01.93	112857						
Skylark 3.3 Gran Sport	01.89- 01.93	111390#	14	100/105				
	01.92- 01.93	111390#	14	100/105				
	01.89- 01.89	110724	14	61/74				
Skylark 3.3 Limited	01.90- 01.93	112857						
	01.89- 01.93	112857						
Skylark 3.3 Luxury Edition	01.92- 01.93	111390#	14	100/105				
	01.89- 01.91	110724	14	61/74				
	01.90- 01.91	112857						
Skylark 3.5	01.90- 01.91	110724	14	61/74				
	01.90- 01.91	110724	14	61/74				
	01.61- 01.63	110215#	14	90				
Skylark 3.7	01.61- 01.63	110075	14	60				
	01.64- 01.67	110215#	14	90				
Skylark 3.8	01.64- 01.67	110075	14	60				
	01.75- 01.79	110505	14	75				
Skylark 3.8 Custom	01.75- 01.79	110217						
	01.78- 01.79	110502	14	100/105				
	01.78- 01.79	110508	14	78				
Skylark 3.8 S	01.78- 01.79	110505	14	75				
	01.78- 01.79	110502	14	100/105				
	01.75- 01.79	110217						
Skylark 3.8 SR	01.78- 01.79	110508	14	78				
	01.75- 01.77	110505	14	75				
	01.75- 01.77	110502	14	100/105				
	01.75- 01.77	110508	14	78				



Skylark 4.1	01.68- 01.71	110215#	14	90	01.68- 01.71	110217		
	01.66- 01.71	110075	14	60				
Skylark 4.3	01.75- 01.76	110505	14	75	01.75- 01.76	110217		
	01.75- 01.76	110502	14	100/105				
Skylark 4.3 S	01.76- 01.76	110508	14	78				
	01.76- 01.76	110505	14	75	01.76-	110217		
Skylark 4.3 SR	01.76- 01.76	110502	14	100/105				
	01.75- 01.76	110508	14	78	01.75- 01.76	110217		
Skylark 4.9	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
	01.64- 01.67	110075	14	60				
Skylark 4.9 S	01.77- 01.77	110505	14	75	01.77-	110217		
	01.77- 01.77	110508	14	78				
Skylark 4.9 SR	01.77- 01.77	110505	14	75	01.77-	110217		
	01.77- 01.77	110508	14	78				
Skylark 5.0	01.91- 01.93	112629	14	100/105	01.77- 01.78	110798	12	1.5
	01.77- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
Skylark 5.0 Custom	01.77- 01.79	110502	14	100/105				
	01.77- 01.79	110508	14	78				
Skylark 5.0 S	01.91- 01.93	112629	14	100/105	01.78-	110216	12	1.4
	01.78- 01.78	110505	14	75	01.78-	110798	12	1.5
Skylark 5.0 SR	01.78- 01.79	110502	14	100/105				
	01.78- 01.79	110508	14	78				
Skylark 5.6	01.91- 01.93	112629	14	100/105	01.77- 01.86	110216	12	1.4
	01.77- 01.86	110505	14	75	01.77- 01.86	110798	12	1.5
Skylark 5.7	01.77- 01.80	110502	14	100/105				
	01.77- 01.80	110508	14	78				
Skylark 5.7 Custom	01.91- 01.93	112629	14	100/105	01.77-	110216	12	1.4
	01.77- 01.77	110505	14	75	01.77-	110798	12	1.5
Skylark 5.7 S	01.77- 01.77	110502	14	100/105				
	01.77- 01.77	110508	14	78				
Skylark 5.7 SR	01.66- 01.67	110215#	14	90	01.66- 01.67	110217		
	01.66- 01.67	110075	14	60				
Skylark 5.7 Custom	01.91- 01.93	112629	14	100/105	01.68- 01.76	110217		
	01.72- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
Skylark 5.7 S	01.72- 01.79	110502	14	100/105	01.77- 01.79	111258	12	
	01.72- 01.85	110508	14	78				
Skylark 5.7 SR	01.72- 01.76	110233	14	63				
	01.68- 01.71	110215#	14	90				
Skylark 6.6	01.68- 01.71	110075	14	60				
	01.72- 01.79	110505	14	75	01.78- 01.79	111258	12	
Skylark 6.6 Custom	01.78- 01.79	110502	14	100/105	01.78- 01.79	110216	12	1.4
	01.78- 01.79	110508	14	78	01.68- 01.71	110217		
Skylark 7.5	01.91- 01.93	112629	14	100/105				
	01.72- 01.72	110233	14	63				
Skylark 7.5 Custom	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Somerset 2.5	01.72- 01.79	110505	14	75	01.78- 01.79	111258	12	
	01.78- 01.79	110502	14	100/105	01.78- 01.79	110216	12	1.4
Somerset 2.5 Limited	01.78- 01.79	110508	14	78	01.68- 01.71	110217		
	01.91- 01.93	112629	14	100/105				
Somerset 2.5 Regal	01.72- 01.72	110233	14	63				
	01.68- 01.71	110215#	14	90				
Somerset 2.5 Regal Limited	01.68- 01.71	110075	14	60				
	01.91- 01.93	112629	14	100/105	01.76-	110217		
Somerset 2.5 T-Type	01.76- 01.76	110505	14	75				
	01.77- 01.77	110502	14	100/105				
Somerset 3.0	01.76- 01.76	110508	14	78				
	01.76- 01.76	110233	14	63				
Somerset 3.0 Limited	01.91- 01.93	112629	14	100/105	01.75- 01.76	110217		
	01.75- 01.76	110505	14	75	01.77- 01.79	110216	12	1.4
Somerset 3.0 Regal	01.77- 01.77	110502	14	100/105	01.77-	111258	12	
	01.75- 01.76	110508	14	78				
Somerset 3.0 Regal Limited	01.75- 01.76	110233	14	63				
	01.65- 01.67	110215#	14	90				
Somerset 3.0 T-Type	01.65- 01.67	110075	14	60	01.65- 01.67	110217		
	01.68- 01.68	110215#	14	90				
Somerset 3.0	01.68- 01.68	110075	14	60	01.68-	110217		
	01.72- 01.72	110233	14	63				
Somerset 3.0 Limited	01.72- 01.72	110505	14	75				
	01.70- 01.70	110215#	14	90				
Somerset 3.0 Regal	01.70- 01.70	110075	14	60				
	01.86- 01.87	110502	14	100/105				
Somerset 3.0 Regal Limited	01.85- 01.85	110471	14	94				
	01.85- 01.85	110505	14	75				
Somerset 3.0 T-Type	01.85- 01.85	110508	14	78				
	01.85- 01.85	110471	14	94				
Special 3.2	01.85- 01.85	110505	14	75				
	01.85- 01.85	110508	14	78				
Special 3.5	01.86- 01.86	110502	14	100/105	01.86- 01.87	110221	12	1.2
	01.86- 01.86	110505	14	75				
Special 3.7	01.89- 01.91	110724	14	61/74	01.86-	110221	12	1.2
	01.86- 01.86	110502	14	100/105				
Special 4.1	01.86- 01.86	110505	14	75				
	01.85- 01.85	110471	14	94	01.85-	110221	12	1.2
Special 4.9	01.85- 01.85	110502	14	100/105				
	01.85- 01.85	110505	14	75				
Sportwagon 3.7	01.85- 01.85	110508	14	78				
	01.85- 01.85	110471	14	94	01.85-	110221	12	1.2
Sportwagon 4.9	01.85- 01.85	110505	14	75				
	01.85- 01.85	110508	14	78				
Sportwagon 5.6	01.86- 01.86	110502	14	100/105	01.86-	110221	12	1.2
	01.63- 01.63	110215#	14	90				
Special 3.5	01.63- 01.63	110075	14	60				
	01.62- 01.63	110215#	14	90				
Special 3.7	01.62- 01.63	110075	14	60				
	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
Special 4.1	01.64- 01.67	110075	14	60				
	01.68- 01.69	110215#	14	90	01.68- 01.69	110217		
Special 4.9	01.68- 01.69	110075	14	60				
	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
Special 5.7	01.64- 01.67	110075	14	60				
	01.68- 01.69	110215#	14	90	01.68- 01.69	110217		
Sportwagon 3.7	01.68- 01.69	110075	14	60				
	01.64- 01.65	110215#	14	90	01.64- 01.65	110217		
Sportwagon 4.9	01.64- 01.65	110075	14	60				
	01.64- 01.65	110215#	14	90	01.64- 01.65	110217		
Sportwagon 5.6	01.64- 01.65	110075	14	60				
	01.67- 01.67	110215#	14	90	01.66- 01.67	110217		
	01.67- 01.67	110075	14	60				





**BUICK Continued**

Sportwagon 5.7	01.91- 01.93	112629	14	100/105	01.68- 01.71	110217	
	01.72-	110233	14	63			
	01.72-	110505	14	75			
	01.68- 01.71	110215#	14	90			
	01.68- 01.71	110075	14	60			
Sportwagon 6.6	01.68- 01.68	110215#	14	90	01.68- 01.68	110217	
	01.68- 01.68	110075	14	60			
Sportwagon 7.5	01.70-	110215#	14	90	01.70-	110217	
	01.70-	110075	14	60			
Wildcat 6.6	01.63- 01.66	110215#	14	90			
	01.63- 01.66	110075	14	60			
Wildcat 7.0	01.64- 01.69	110215#	14	90	01.64- 01.69	110217	
	01.64- 01.69	110075	14	60			
Wildcat 7.0 Custom	01.68- 01.69	110215#	14	90	01.68- 01.69	110217	
	01.68- 01.69	110075	14	60			
Wildcat 7.5 Custom	01.70-	110215#	14	90	01.70-	110217	
	01.70-	110075	14	60			
<b>PASSENGER CARS AO</b>							
Regal 3.8	[L36]				01.04- 09.05	112901#	12 1.5
	[L67]				01.04- 09.04	112901#	12 1.5
Roadmaster 5.0	[LG2]				01.04-	112901#	12 1.5
Skyllark 2.3 Limited	[L40]				01.89- 12.95	112897	12 1.7
					10.91- 09.93	114136#	12
<b>BUICK</b>							
<b>MARINE</b>							
Various Models		111397	14	45		111398	12 1.1
		113631	14	90	01.71- 12.86	111211#	12 2.0
		112108#	28	35		113307	12 1.2
<b>Butec</b>							
<b>INDUSTRY</b>							
Various Models		110643	28	40			
<b>Cadillac</b>							
<b>PASSENGER CARS EU</b>							
BLS 1.9 Diesel	[Z19DTH]				04.06-	113931	12 1.7
Commercial 5.7						112897	12 1.7
Escalade 5.8	[LO5]				10.98-	112240	12 1.7
<b>PASSENGER CARS US</b>							
Atlante 4.1					01.87- 01.88	113102#	12 1.4
Atlante 4.5					01.89- 01.92	113102#	12 1.4
Calais 7.0	01.65- 01.67	110215#	14	90	01.65- 01.67	110217	
	01.65- 01.67	110075	14	60			
	01.72- 01.74	110233	14	63	01.68- 01.74	110217	
Calais 7.7	01.72- 01.74	110505	14	75			
	01.68- 01.71	110215#	14	90			
	01.68- 01.71	110075	14	60			
Calais 8.2	01.75- 01.76	110233	14	63	01.75- 01.76	110217	
	01.75- 01.76	110234	14	80			
	01.75- 01.76	110505	14	75			
Catera 3.0					01.97- 01.01	112459	12 1.4
Cimarron 1.8							
Cimarron 2.0					01.83- 01.86	112911	12 1.6
Cimarron 2.8					01.85- 01.88	112911	12 1.6
Commercial Chassis 6.0	01.85- 01.88	110471	14	94			
	01.80-	110233	14	63			
	01.80-	110235	14	80			
	01.80-	110234	14	80			
Commercial Chassis 7.0	01.80-	110499	14	100/105			
	01.77-	110233	14	63			
	01.77-	110234	14	80			
Commercial Chassis 8.2	01.77-	110937	14	200			
	01.75-	110937	14	200			
	01.75-	110234	14	80			
Concours 4.6	01.75-	110233	14	63			
	01.98- 01.99	112873	14	100	01.96- 01.99	112904	12 1.7
	01.94- 01.97	112886	14	140			
CTS 3.2					01.03- 01.04	113815	12 1.7
Deville 4.1	01.80- 01.84	112621#	14	100/105	01.80- 01.81	110217	
	01.80- 01.84	112448	14	100			
	01.80- 01.84	112624	14	75			
	01.80- 01.84	110234	14	80			
	01.80- 01.84	110499	14	100/105			
	01.80- 01.83	110235	14	80			
	01.80- 01.81	110233	14	63			
Deville 4.3	01.80- 01.81	110505	14	75			
	01.85-	110471	14	94			
Deville 4.5	01.85-	110505	14	75			
Deville 4.6	01.88- 01.89	112880	14	120			
	01.98- 01.00	112873	14	100	01.96- 01.02	112904	12 1.7
	01.94- 01.97	112886	14	140			
Deville 4.6 D'Elegance	01.97-	112873	14	100	01.97-	112904	12 1.7
Deville 4.6 DHS					01.01- 01.02	112904	12 1.7
Deville 4.6 DTS					01.01- 01.03	112904	12 1.7
Deville 4.9	01.91- 01.95	112883#	14	140			
	01.91- 01.95	112882#	14	140			
Deville 5.4	01.53- 01.55	110505	14	75			
Deville 5.7	01.79- 01.84	110234	14	80	01.79- 01.84	110220	12
Deville 6.0	01.56- 01.58	110505	14	75	01.80-	110217	
	01.80-	112621#	14	100/105			
	01.80-	112448	14	100			
	01.80-	112624	14	75			
	01.80-	110234	14	80			
	01.80-	110499	14	100/105			
	01.80-	110233	14	63			
Deville 6.4	01.80-	110235	14	80			
	01.59- 01.60	110505	14	75			
	01.61- 01.63	110215#	14	90			
Deville 7.0	01.61- 01.63	110075	14	60			
	01.64- 01.67	110215#	14	90	01.65- 01.79	110217	
	01.64- 01.67	110075	14	60			
	01.77- 01.79	110234	14	80			
Deville 7.7	01.77- 01.79	110233	14	63			
	01.77- 01.79	110505	14	75			
	01.72- 01.74	110233	14	63	01.68- 01.74	110217	
	01.72- 01.74	110505	14	75			
Deville 8.2	01.68- 01.71	110215#	14	90			
	01.68- 01.71	110075	14	60			
	01.74- 01.76	110233	14	63	01.74- 01.76	110217	
Eldorado 4.1	01.74- 01.76	110234	14	80			
	01.74- 01.76	110505	14	75			
	01.86-	112880	14	120			
Eldorado 4.1	01.82- 01.85	112621#	14	100/105			
	01.82- 01.85	112448	14	100			
	01.82- 01.85	112624	14	75			
	01.82- 01.85	110234	14	80			
	01.82- 01.85	110499	14	100/105			
	01.82- 01.85	110508	14	78			
	01.81- 01.82	110235	14	80			



Eldorado 4.1 Biarritz	01.84- 01.85	112621#	14	100/105					
	01.84- 01.85	112448	14	100					
	01.84- 01.85	110234	14	80					
	01.84- 01.85	110499	14	100/105					
	01.84- 01.85	110508	14	78					
Eldorado 4.5	01.88- 01.89	112880	14	120					
Eldorado 4.6	01.99-	112873	14	100	01.99-	112904	12	1.7	
	01.93- 01.97	112886	14	140					
	01.98- 01.98	112873	14	100	01.98- 01.98	112904	12	1.7	
Eldorado 4.6 ELC	01.01- 01.02	112873	14	100	01.01- 01.02	112904	12	1.7	
Eldorado 4.6 ESC	01.98- 01.02	112873	14	100	01.98- 01.02	112904	12	1.7	
Eldorado 4.6 ETC	01.93-	112886	14	140					
Eldorado 4.9	01.91- 01.93	112883#	14	140					
	01.91- 01.93	112882#	14	140					
Eldorado 5.4	01.53- 01.55	110505	14	75					
Eldorado 5.7	01.80-	112621#	14	100/105	01.80-	110218	12		
	01.80-	112448	14	100					
	01.80-	112624							
	01.91- 01.92	112629	14	100/105					
	01.80-	110499	14	100/105					
	01.79-	110234	14	80					
Eldorado 5.7	01.79- 01.85	110234	14	80	01.79- 01.85	110220	12		
Eldorado 6.0	01.56- 01.58	110505	14	75					
	01.80- 01.81	110234	14	80					
Eldorado 6.4	01.59- 01.60	110505	14	75					
	01.61- 01.63	110215#	14	90					
	01.61- 01.63	110075	14	60					
Eldorado 7.0	01.64- 01.67	110215#	14	90	01.77- 01.78	110216	12	1.4	
	01.64- 01.67	110075	14	60					
	01.77- 01.78	110234	14	80					
	01.77- 01.78	110233	14	63					
	01.77- 01.78	110505	14	75					
Eldorado 7.7	01.68- 01.69	110215#	14	90	01.68- 01.69	110216	12	1.4	
	01.68- 01.69	110075	14	60					
	01.72- 01.76	110233	14	63	01.70- 01.76	110216	12	1.4	
Eldorado 8.2	01.75- 01.76	110234	14	80					
	01.72- 01.76	110505	14	75					
	01.70- 01.71	110215#	14	90					
	01.70- 01.71	110075	14	60					
Escalade 5.3					01.02-	112902	12	1.2	
Escalade 5.7					01.99- 01.00	112240	12	1.7	
					01.99- 01.00	112912	12	1.6	
Escalade 6.0	01.02- 01.04	112853	14	130	01.02- 01.02	112906	12	1.7	
	01.02- 01.02	112850	14	105					
Escalade 6.0 ESV	01.03- 01.04	112853	14	130					
Escalade 6.0 EXT	01.02- 01.02	112850	14	105	01.02- 01.02	112906	12	1.7	
	01.02- 01.04	112853	14	130					
Fleetwood 4.1	01.85-	110499	14	100/105					
	01.85-	110234	14	80					
	01.86-	112880	14	120					
Fleetwood 4.1 60 Special	01.87-	112880	14	120					
Fleetwood 4.1 75	01.86-	112880	14	120					
Fleetwood 4.1 Brougham	01.80- 01.85	112621#	14	100/105	01.80- 01.81	110217			
	01.80- 01.85	112448	14	100					
	01.80- 01.85	112624							
	01.80- 01.85	110499	14	100/105					
	01.80- 01.85	110234	14	80					
	01.80- 01.83	110235	14	80					
	01.80- 01.81	110233	14	63					
	01.80- 01.81	110505	14	75					
	Fleetwood 4.1 D'Elegance	01.87-	112880	14	120				
	Fleetwood 4.3	01.85-	110471	14	94				
01.85-		110505	14	75					
Fleetwood 4.5									
Fleetwood 4.5 60 Special	01.88-	112880	14	120					
Fleetwood 4.5 D'Elegance	01.88- 01.89	112880	14	120					
Fleetwood 4.9	01.88-	112880	14	120					
	01.91- 01.93	112883#	14	140					
Fleetwood 4.9 60 Special	01.91- 01.93	112882#	14	140					
	01.91- 01.93	112883#	14	140					
Fleetwood 5.0 Brougham	01.91- 01.93	112882#	14	140					
	01.86- 01.90	110471	14	94	01.91- 01.92	112913#	12	1.4	
	01.91- 01.92	112629	14	100/105					
	01.91- 01.92	112640	14	100/105					
Fleetwood 5.7	01.93- 01.96	112884	14	140	01.93- 01.96	111040			
Fleetwood 5.7 Brougham	01.91- 01.92	112629	14	100/105	01.93- 01.96	111040			
	01.90- 01.92	112877#	14	120	01.90- 01.92	110216	12	1.4	
	01.93- 01.96	112884	14	140					
Fleetwood 5.7 Brougham	01.79- 01.85	110234	14	80	01.79- 01.85	110220	12		
Fleetwood 6.0	01.80- 01.84	112621#	14	100/105	01.80- 01.84	110217			
	01.80- 01.84	112448	14	100					
	01.80- 01.84	112624							
	01.80- 01.84	110234	14	80					
	01.80- 01.84	110499	14	100/105					
	01.80-	110235	14	80					
	01.80-	110233	14	63					
	01.80-	110505	14	75					
	Fleetwood 6.0 Brougham	01.80- 01.84	112621#	14	100/105	01.80-	110217		
	01.80-	112448	14	100					
01.80-	112624								
01.80-	110234	14	80						
01.80-	110499	14	100/105						
01.80-	110233	14	63						
01.80-	110235	14	80						
01.80-	110505	14	75						
Fleetwood 6.0 Formal	01.80- 01.84	112621#	14	100/105	01.80- 01.84	110217			
01.80- 01.84	112448	14	100						
01.80- 01.84	112624								
01.80- 01.84	110234	14	80						
01.80- 01.84	110499	14	100/105						
01.80-	110233	14	63						
01.80-	110235	14	80						
01.80-	110505	14	75						
Fleetwood 7.0	01.65- 01.67	110215#	14	90	01.65- 01.79	110217			
	01.65- 01.67	110075	14	60					
	01.77- 01.79	110233	14	63					
	01.77- 01.79	110505	14	75					
Fleetwood 7.0 Brougham	01.77- 01.79	110234	14	80	01.77- 01.79	110217			
	01.77- 01.79	110937	14	200					
	01.77- 01.79	110233	14	63					
	01.77- 01.79	110505	14	75					
Fleetwood 7.0 Formal	01.77-	110234	14	80	01.77- 01.79	110217			
	01.77-	110937	14	200					
	01.77- 01.79	110233	14	63					
	01.77- 01.79	110505	14	75					



Application list

**CADILAC** *Continued*

Fleetwood 7.7		01.72- 01.74	110233	14	63					01.68- 01.74	110217		
		01.68- 01.74	110937	14	200								
		01.72- 01.74	110234	14	80								
		01.72- 01.74	110505	14	75								
		01.68- 01.71	110215#	14	90								
		01.68- 01.71	110075	14	60								
Fleetwood 7.7 60 Special		01.72- 01.74	110233	14	63					01.68- 01.74	110217		
		01.72- 01.74	110234	14	80								
		01.68- 01.74	110937	14	200								
		01.72- 01.74	110505	14	75								
		01.68- 01.71	110215#	14	90								
		01.68- 01.71	110075	14	60								
Fleetwood 7.7 75		01.72- 01.74	110233	14	63					01.68- 01.74	110217		
		01.72- 01.74	110234	14	80								
		01.68- 01.74	110937	14	200								
		01.72- 01.74	110505	14	75								
		01.68- 01.71	110215#	14	90								
		01.68- 01.71	110075	14	60								
Fleetwood 7.7 Brougham		01.68- 01.70	110215#	14	90					01.68- 01.70	110217		
		01.68- 01.70	110075	14	60								
		01.68- 01.70	110937	14	200								
Fleetwood 8.2		01.76- 01.76	110233	14	63					01.76- 01.76	110217		
		01.76- 01.76	110234	14	80								
		01.76- 01.76	110937	14	200								
		01.76- 01.76	110505	14	75								
Fleetwood 8.2 60 Special		01.75- 01.76	110234	14	80					01.75- 01.76	110217		
		01.75- 01.76	110937	14	200								
		01.75- 01.76	110233	14	63								
		01.75- 01.76	110505	14	75								
Fleetwood 8.2 75		01.75- 01.76	110233	14	63					01.75- 01.76	110217		
		01.75- 01.76	110234	14	80								
		01.75- 01.76	110937	14	200								
		01.75- 01.76	110505	14	75								
Series 60 5.4 Fleetwood		01.53- 01.55	110505	14	75								
Series 60 6.0 Fleetwood		01.56- 01.58	110505	14	75								
Series 60 6.4 Fleetwood		01.61- 01.63	110075	14	60								
		01.61- 01.63	110215#	14	90								
		01.59- 01.60	110505	14	75								
Series 60 7.0 Fleetwood		01.64- 01.64	110075	14	60								
		01.64- 01.64	110215#	14	90								
Series 62 4.1		01.55- 01.55	110505	14	75								
Series 62 5.4		01.53- 01.55	110505	14	75								
Series 62 6.0		01.56- 01.58	110505	14	75								
Series 62 6.4		01.61- 01.63	110075	14	60								
		01.59- 01.60	110505	14	75								
		01.61- 01.63	110215#	14	90								
Series 62 7.0		01.64- 01.64	110075	14	60								
		01.64- 01.64	110215#	14	90								
Series 70 6.0 Fleetwood Eldorado		01.58- 01.58	110505	14	75								
Series 75 5.4 Fleetwood		01.53- 01.55	110505	14	75								
Series 75 6.0 Fleetwood		01.56- 01.58	110505	14	75								
Series 75 6.4 Fleetwood		01.59- 01.60	110505	14	75								
		01.61- 01.63	110215#	14	90								
		01.61- 01.63	110075	14	60								
Series 75 7.0 Fleetwood		01.64- 01.64	110215#	14	90								
		01.64- 01.64	110075	14	60								
Seville 4.1		01.82- 01.85	112621#	14	100/105								
		01.82- 01.85	112448	14	100								
		01.82- 01.85	112624										
		01.82- 01.85	110234	14	80								
		01.82- 01.85	110499	14	100/105								
		01.81- 01.83	110235	14	80								
		01.86-	112880	14	120								
Seville 4.5		01.88- 01.89	112880	14	120								
Seville 4.5 STS													
Seville 4.6		01.94- 01.97	112886	14	140					01.99- 01.00	112904	12	1.7
Seville 4.6 SLS		01.93- 01.97	112886	14	140					01.98- 01.02	112904	12	1.7
Seville 4.6 STS		01.91- 01.93	112882#	14	140					01.98- 01.02	112904	12	1.7
Seville 4.9		01.91- 01.93	112883#	14	140								
Seville 4.9 STS		01.91- 01.92	112882#	14	140								
		01.91- 01.92	112883#	14	140								
Seville 5.7		01.80-	112621#	14	100/105					01.78- 01.79	110218	12	
		01.80-	112448	14	100					01.76- 01.77	110217		
		01.80-	112624										
		01.91- 01.93	112629	14	100/105								
		01.76- 01.79	110234	14	80								
		01.80-	110499	14	100/105								
Seville 5.7		01.78- 01.85	110233	14	63					01.78- 01.85	110220	12	
		01.78- 01.85	110234	14	80								
		01.78- 01.85	110505	14	75								
Seville 6.0		01.80- 01.81	110234	14	80								
<b>Carbodies</b>													
<b>PASSENGER CARS EU</b>													
FI 2.5 Diesel	[25V]									01.85- 12.89	110464	12	2.1
FX4 2.5 Diesel	[25V]									09.85- 12.89	110464	12	2.1
<b>Carrier Transcold</b>													
<b>INDUSTRY</b>													
Genesis TM1000											114333	12	2.2
Genesis TM800			114084	14	70								
Supra			114084	14	70								
<b>MOTORS</b>													
500	[CT4-114]		110371	14	65						110940	12	1.4
											110938	12	1.4
PLUS	[CT4-114]		110371	14	65						110938	12	1.4
Various Models			111298	14	65						110604	12	2.8
			110371	14	65						114497	12	2.0
											113635	12	1.2
											111299	12	1.4
											110934	12	2.0
<b>Case</b>													
<b>AGRICULTURE</b>													
100 B										10.72- 12.79	111752	12	2.7
110	[Cummins 6BT]	05.97-	111843	14	95								
		05.97-	111888	14	65								
120	[Cummins 6BT]	05.97-	111843	14	95								
		05.97-	111888	14	65								
125 B										10.72- 12.79	111752	12	2.7
135	[Cummins 6BT]	05.97-	111843	14	95								
		05.97-	111888	14	65								
221										10.72- 12.79	111752	12	2.7
250										01.57- 01.61	110438	12	2.1
275										01.59- 01.68	110438	12	2.1
276										01.69- 01.72	110438	12	2.1
305	[Cummins MU7]	01.06-	114469	14	175								





321							11.72-	06.86	111752	12	2.7
		01.86-	110077	14	50						
		10.76-	110641	14	33						
384		01.67-	01.82	110178	14	36					
414							01.61-	01.66	110438	12	2.1
421							10.76-		111752	12	2.7
		01.86-	110641	14	33		10.76-		113269	12	3.0
431							11.72-	12.85	111752	12	2.7
		01.72-	110641	14	33						
		01.86-	110077	14	50						
433		02.77-	12.85	111662	14	33					
434							01.86-		112135	12	3.1
444							01.69-	01.73	110438	12	2.1
450 C		01.89-	01.94	111843	14	95	01.72-	01.78	110438	12	2.1
		01.89-	01.94	111888	14	65	01.87-	01.94	110627	12	2.5
454		01.72-	110178	14	36		01.72-		112660	12	2.8
		01.82-	111185	14	43						
455		01.89-	01.94	111843	14	95					
		01.89-	01.94	112170	28	50					
		01.89-	01.94	111888	14	65					
474		01.72-	110178	14	36				112660	12	2.8
		01.82-	111185	14	43						
475		01.82-	111185	14	43						
480 CK		01.89-	01.94	111843	14	95	01.79-	01.88	110627	12	2.5
		01.89-	01.94	111888	14	65					
484		01.82-	111185	14	43						
485		01.85-	01.90	111713	14	105					
		01.82-	111185	14	43						
485		01.82-	111185	14	43		01.89-	01.93	112660	12	2.8
		01.89-	01.93	110508	14	78					
500		01.75-	01.78	110178	14	36					
531							01.86-	06.86	111752	12	2.7
		01.86-	110077	14	50						
		10.76-	06.86	110641	14	33					
533		02.77-	12.85	111662	14	33	01.86-		112135	12	3.1
540		01.88-	111662	14	33						
554		01.86-	110077	14	50		04.73-		111752	12	2.7
		01.86-	110641	14	33						
574		01.82-	111185	14	43		01.72-		111752	12	2.7
		01.72-	110178	14	36		01.72-		112660	12	2.8
580		01.82-	01.94	111843	14	95	01.79-	01.87	110627	12	2.5
		01.89-	01.94	111888	14	65	01.84-	01.92	113725	12	2.5
							01.82-		110818	12	2.1
580 C,D	[188D,207D]	01.83-	01.88	110952	28	40	01.83-	01.88	110818	12	2.1
							01.83-	01.88	112660	12	2.8
584		01.82-	111185	14	43		01.82-		112660	12	2.8
		01.77-	01.80	110178	14	36					
585		01.81-	111185	14	43		01.82-		112660	12	2.8
590 CK							01.92-		113725	12	2.5
590 L							01.92-		113725	12	2.5
644		01.86-	110077	14	50		01.86-	06.86	111752	12	2.7
		02.79-	110641	14	33						
674		01.82-	111185	14	43		01.72-		112660	12	2.8
		01.72-	110178	14	36						
680		01.83-	01.88	110952	28	40	01.83-	01.88	113429	12	4.2
684		01.82-	111185	14	43		01.82-		112660	12	2.8
		01.77-	01.80	110178	14	36					
685		01.82-	111185	14	43		01.82-		112660	12	2.8
685 L		01.81-	111185	14	43						
724							04.73-	02.75	111752	12	2.7
743							04.80-	12.85	111752	12	2.7
743 XL							07.81-	12.85	111752	12	2.7
743 XLA							07.81-	12.85	111752	12	2.7
744		02.74-	06.84	110641	14	33	02.74-	06.84	111752	12	2.7
745 S							04.80-	12.85	111752	12	2.7
745 X							07.81-	12.85	111752	12	2.7
745 XLS							07.81-	12.85	111752	12	2.7
780		01.83-	01.88	110952	28	40					
784		01.82-	111185	14	43		01.82-		112660	12	2.8
785		01.81-	01.85	111185	14	43	01.82-		112660	12	2.8
824							06.73-	02.74	111752	12	2.7
833		09.81-	111662	14	33		09.81-		112135	12	3.1
833 A		09.81-	111662	14	33		09.81-		112135	12	3.1
834							06.73-	02.74	111752	12	2.7
844		01.86-	12.90	110077	14	50	01.86-	12.90	111752	12	2.7
		01.86-	12.90	110641	14	33					
850		01.72-	01.78	110427	28	22	PL				
		01.89-	01.94	111888	14	65	01.89-	01.94	110818	12	2.1
		01.89-	01.94	111843	14	95					
		01.89-	01.94	112170	28	50					
880							01.86-		112169	24	4.5
884									112660	12	2.8
885		01.72-	01.83	110178	14	36	01.72-	01.83	112660	12	2.8
		01.81-	111185	14	43						
		01.89-	01.94	111888	14	65					
895									112660	12	2.8
946							04.73-	08.79	111752	12	2.7
		01.71-	01.77	110641	14	33					
956 XL		01.85-	112098	14	65		01.85-		111752	12	2.7
988		11.96-	112170	28	50						
990		01.75-	110178	14	36		01.69-		110818	12	2.1
		01.82-	111185	14	43						
995		01.82-	111185	14	43		01.72-		110818	12	2.1
									112660	12	2.8
996		01.81-	111185	14	43		01.76-		110818	12	2.1
		01.75-	110178	14	36						
1000		01.71-	01.75	110641	14	33					
1046							04.73-	08.79	111752	12	2.7
1056		01.86-	112098	14	65						
1150		01.89-	01.94	111843	14	95					
		01.89-	01.94	112170	28	50					
		01.73-	01.78	110427	28	22	PL				
		01.89-	01.94	111888	14	65					
1150 E		01.89-	01.94	111843	14	95					
		01.89-	01.94	112170	28	50					
		01.89-	01.94	111888	14	65					
1155 E		01.89-	01.94	111843	14	95					
		01.89-	01.94	111888	14	65					
1190		01.83-	111185	14	43						
1194		01.80-	01.85	111185	14	43					
1200							01.69-	01.71	110818	12	2.1
1210		01.75-	110178	14	36		01.72-	01.81	110818	12	2.1
1212		01.72-	01.75	110178	14	36	01.72-	01.81	110818	12	2.1

# STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

CASE Continued

1290		01.80- 01.82	110179	14	36		01.80- 01.83	110818	12	2.1
		01.79- 01.85	111185	14	43					
1294 3.6							01.84- 06.89	111499	12	2.8
							01.84- 06.89	110818	12	2.1
1390		01.82-	111185	14	43		01.80- 01.83	110818	12	2.1
		01.79- 01.85	110179	14	36					
1394		01.80- 01.88	111185	14	43		01.84-	110818	12	2.1
		01.84-	110968	14	70		01.84-	111499	12	2.8
		01.84-	113574	14	65					
		01.80- 01.88	111204	14	70					
1410		01.75- 01.81	110178	14	36					
1412		01.75- 01.81	110178	14	36					
1450		01.72- 01.78	110427	28	22	PL				
		01.79- 01.86	110952	28	40	PL				
1490		01.84-	111185	14	43		01.80- 01.83	110818	12	2.1
1494		01.79- 01.87	111185	14	43		01.84-	111499	12	2.8
		01.84-	110968	14	70					
		01.79- 01.87	111204	14	70					
		01.84-	113574	14	65					
1550		01.89- 01.94	111843	14	95					
		01.89- 01.94	111888	14	65					
1594		01.84-	110968	14	70		01.84-	111499	12	2.8
		01.83- 01.88	111204	14	70					
		01.84-	113574	14	65					
1620							01.85- 01.94	113726	12	3.0
								113429	12	4.2
1640							01.85- 01.92	113726	12	3.0
								113429	12	4.2
1644							01.85- 01.92	113726	12	3.0
								113429	12	4.2
1666							01.93- 01.97	113726	12	3.0
								113429	12	4.2
1680							01.85- 01.92	113726	12	3.0
								113429	12	4.2
1682							01.82- 01.92	113726	12	3.0
1688							01.92- 01.95	113726	12	3.0
								113429	12	4.2
1690		01.79- 01.85	111185	14	43	4WD	01.85- 01.92	113429	12	4.2
		01.79- 01.85	110179	14	36	2WD	01.84-	110818	12	2.1
							01.84-	111499	12	2.8
1694		01.84-	110968	14	70		01.84-	111499	12	2.8
		01.79- 01.87	111204	14	70					
		01.84-	113574	14	65					
1840							01.90- 01.93	113725	12	2.5
1845 C							01.87- 01.96	113725	12	2.5
2144		01.94- 01.97	112773	14	135		01.94- 01.96	113429	12	4.2
		01.94-	113999	14	150	IS				
2155 8.3	[6CTA]	05.97-	112773	14	135		01.96-	113429	12	4.2
		05.97-	113999	14	150	IS				
2166 8.3	[6CTA]	01.94-	112773	14	135		01.94- 01.96	113429	12	4.2
		01.94-	113999	14	150	IS				
2166							01.94- 01.97	113726	12	3.0
2188 8.3	[6CTA]	01.94-	112773	14	135		01.94- 01.96	113429	12	4.2
		01.94-	113999	14	150	IS				
2188							01.94- 01.97	113726	12	3.0
2344 5.9		01.97- 01.98	112773	14	135					
		01.97-	113999	14	150	IS				
2344							01.97- 01.98	113726	12	3.0
2366 8.3	[6CTA]	05.97-	112773	14	135		01.97-	113429	12	4.2
		05.97-	113999	14	150	IS				
2366							01.97- 01.98	113726	12	3.0
2388 8.3	[6CTAA]	05.97- 01.98	112773	14	135					
		05.97-	113999	14	150	IS				
2388							01.97- 01.98	113726	12	3.0
2555 8.3		05.97-	112773	14	135					
		05.97-	113999	14	150	IS				
3400 GD							09.69- 12.86	111752	12	2.7
3500 GD							09.69- 12.86	111752	12	2.7
4200		01.93-	111289	14	70			112660	12	2.8
5120 Maxxum	[6T-590]	01.90-	111843	14	95					
		01.90-	111888	14	65					
5130	[6T-590]						01.90- 01.91	113429	12	4.2
							06.90-	114449	12	4.0
5130 Maxxum	[6T-590]	01.90-	111843	14	95		01.90-	111885	12	3.1
		01.90-	111888	14	65					
5140	[6T-590]						01.90- 01.91	113429	12	4.2
							06.90-	114449	12	4.0
5140 Maxxum	[6T-590]	01.90-	111843	14	95		01.90-	111885	12	3.1
		01.90-	111888	14	65					
5150 Maxxum	[6T-590]						06.90-	111885	12	3.1
6000							01.97- 01.00	113429	12	4.2
							01.85- 01.92	113725	12	2.5
6500							01.85- 01.92	113725	12	2.5
7120 8.3	[6CT]	01.98- 01.03	112773	14	135		01.87- 01.93	113429	12	4.2
		01.98- 01.03	113999	14	150	IS				
7130 8.3	[6CT]	01.98- 01.03	112773	14	135		01.87- 01.93	113429	12	4.2
		01.98- 01.03	113999	14	150	IS				
7140 8.3	[6CTA]	01.98- 01.03	112773	14	135		01.87- 01.93	113429	12	4.2
		01.98- 01.03	113999	14	150	IS				
8910 8.3	[6CTA]	05.97-	113894#	14	110					
8920 8.3	[6CTA]	05.97-	112773	14	135					
		05.97-	113894#	14	110					
		05.97-	113999	14	150	IS				
8930 8.3	[6CTA]	05.97-	112773	14	135		01.96-	113429	12	4.2
		05.97-	113999	14	150	IS				
8940 8.3	[6CTA]	05.97-	112773	14	135					
		05.97-	113894#	14	110					
		05.97-	113999	14	150	IS				
8950 8.3	[6CTA]	05.97-	112773	14	135					
		05.97-	113894#	14	110					
		05.97-	113999	14	150	IS				
9150	[6-611]						01.86- 01.90	112089	12	
9180	[6-855]						01.86- 01.90	112089	12	
9250	[6-611]						01.90- 01.95	112089	12	
9260	[6-611]						01.90- 01.95	112089	12	
9270	[6-855]						01.90- 01.95	112089	12	
9280	[6-855]						01.90- 01.95	112089	12	
170 CBX			113552	14	120					
420CT 3.2	[432T/M]						01.08-	114002	12	4.2
650 HD Yumbo		01.78-	111035	14	65					
821B 8.3	[6CT]	06.96-	112493	28	65					
E833		01.86-	111662	14	33		01.86- 12.90	112135	12	3.1
E833 A		01.86-	111662	14	33		01.86- 12.90	112135	12	3.1
Farmall			114450	14	120					
JX100U			114384	14	85					
JX70U			114384	14	85					
JX80U			114384	14	85					
JX90U			114384	14	85					



MX	01.95- 01.02	111843	14	95						
V433	01.86-	111662	14	33		01.86-	112135	12	3.1	
V533	01.86-	111662	14	33		01.86-	112135	12	3.1	
Various Models	01.70- 01.92	110300	28	65			05.82	111752	12	2.7
							05.79- 12.86	110536	12	2.7
	01.79- 01.88	113511#	28	40		01.85- 01.92	111760	24	4.5	
	01.89- 01.94	112170	28	50		01.87- 01.92	113184	24	4.0	
		113552	14	120		01.74- 01.80	111259	12	1.3	
	01.68-	112260	14	80		01.65-	112256	24	7.0	
	01.72- 01.85	110504	14	90		01.65- 01.88	112243	24		
	01.65-	110484				01.78- 01.89	110627	12	2.5	
	01.65-	114518	14	55		01.57- 01.78	110438	12	2.1	
						01.90- 01.98	112169	24	4.5	
						01.00- 01.00	111260	12	1.4/1.6	
							113429	12	4.2	
							110818	12	2.1	
						03.75- 01.88	110523	24	4.8	
						01.83-	110999	24		
						01.72-	112660	12	2.8	
						01.65-	114196	24	4.0	
						01.65-	114399	12	2.7	
W20E 6.0	[6BT]	05.96-	112493	28	65					
<b>INDUSTRY</b>										
B100	01.73- 01.86	110178	14	36						
B115 Excavator	01.75- 01.84	110766	28	27						
B160 CL Excavator	06.76- 01.85	110766	28	27						
B165 Excavator	01.77- 01.82	110178	14	36						
B60 Excavator	03.76- 02.88	110766	28	27						
B75 Excavator	06.76- 02.88	110766	28	27						
B90 Excavator	03.75- 02.88	110766	28	27						
BTD 6 Crawler	01.72-	110178	14	36						
BTD 8 Crawler	01.72-	110178	14	36						
CX27B Excavator	[3TNV82]					01.05-	114281	12	1.7	
CX31B Excavator	[3TNV88]					01.05-	114281	12	1.7	
Excavator Diesel	[mitsubishi Equipped]	114079	14	40						
TD6 Crawler	01.73- 01.74	110178	14	36						
TD8 Crawler	01.73-	110178	14	36						
Various Models	01.70- 01.92	110300	28	65		01.05-	114307	24	4.0	
		110801	28	45						
W14	01.83- 01.92	110952	28	40						
W18	01.83- 01.92	110952	28	40		01.73- 01.84	110999	24		
W24	01.83- 01.92	110952	28	40		01.73- 01.84	110999	24		
W30	01.83- 01.92	110952	28	40						
W36	01.83- 01.92	110952	28	40						
<b>Caterpillar</b>										
<b>AGRICULTURE</b>										
75						01.91- 12.97	113695	24	6.0	
85						01.95- 12.97	113695	24	6.0	
908 Diesel	[Perkins 3054]	114218	14	55						
416C Diesel	[Perkins 3054]	114218	14	55						
426C Diesel	[Perkins 3054]	114218	14	55						
436C Diesel	[Perkins 3054]	114218	14	55						
D4C Diesel	[Perkins]	114218	14	55						
Farm 35	01.94-	112996	14	115/130						
Farm 45	01.94-	112996	14	115/130						
Farm 55	01.95-	112996	14	115/130						
Various Models		114271	28	75		01.87- 01.93	113124	12		
						01.79-	110449	12	3.6	
							114280	24	3.2	
<b>FORK LIFTS</b>										
916 Wheel loader	02.93-	113724#	28	30						
920 Wheel loader	02.93-	113724#	28	30						
DP40 Mitsubishi	[S&E/S&S]						114169	24	5.0	
V160	01.86- 12.89	112989	14	60						
V180	01.86- 12.89	112989	14	60						
V200	01.86- 12.89	112989	14	60						
V225	01.86- 12.89	112989	14	60						
V250	01.86- 12.89	112989	14	60						
V300	01.86- 12.89	112989	14	60						
V330	01.86- 12.89	112989	14	60						
V60E	[Perkins 4-236]					01.85- 01.91	113172	12	2.0	
V80E	[Perkins 4-236]					01.85- 01.91	113172	12	2.0	
<b>MARINE</b>										
3116		114351	14	200						
3126		114351	14	200						
<b>INDUSTRY</b>										
931	[3046]					01.85- 01.93	113124	12		
	[3204]					01.72- 01.88	113124	12		
951	[3204]					01.85- 01.93	113124	12		
320B	[3066T]					01.96-	114445	24	5.0	
420D Diesel	[Perkins]	113967	14	120						
914G Diesel Wheel Loader		01.95- 01.03	114364	28	70					
935C	[3046]					01.90- 01.93	113124	12		
D4C	[3204]					01.87- 01.93	113124	12		
D5C	[3046]					01.91- 01.93	113124	12		
D9L Crawler		114271	28	75						
Various Models	[3204]					01.71- 01.78	111000	24		
						01.73- 01.94	113124	12		
		01.72- 01.93	110801	28	45		114268	24	4.5	
		01.79- 12.84	113724#	28	30					
<b>MOTORS</b>										
3114						01.91- 01.93	110944	24	5.5	
						01.91- 12.93	113695	24	6.0	
						01.91- 01.93	113237	12	3.0	
						01.91- 01.93	110944	24	5.5	
3116	01.90- 01.94	112991	14	130		01.91- 12.93	113695	24	6.0	
						01.91- 01.93	113237	12	3.0	
						01.90- 01.02	113126	12		
3176		01.97	113549	28	35	01.85- 12.93	113695	24	6.0	
		01.92- 01.97	112264	14	105	01.86- 01.99	112089	12		
3204						01.85- 01.93	113124	12		
3208	01.74-	110937	14	200		01.75- 01.84	110999	24		
	01.74- 01.84	112303	14	80						
		01.86- 01.90	110801	28	45					
		01.86- 12.89	112989	14	60					
		01.86- 01.95	111261	28	50					
		01.83- 12.90	113724#	28	30					
3304	01.86- 01.90	110801	28	45						
	01.86- 12.89	112989	14	60						
3306	01.85- 12.90	113724#	28	30		01.75- 01.84	110999	24		
	01.70- 01.93	111261	28	50						
	01.75- 01.84	112303	14	80						
		01.75- 01.84	113549	28	35					
		01.86- 01.00	110801	28	45					
		01.86- 12.89	112989	14	60					
		01.74-	110937	14	200					

Application list





Application list

**CATERPILLAR** *Continued*

3406		01.86- 12.90	113724#	28	30	01.86- 01.99	112089	12	
		01.86- 01.97	111261	28	50	01.85- 12.97	113695	24	6.0
		01.70- 01.93	112263#	32	50/60				
		01.86- 01.90	110801	28	45				
		01.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
3408		12.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
		01.86- 01.90	110801	28	45				
3412		01.86- 01.90	110801	28	45				
		01.86- 12.89	112989	14	60				
		01.86- 01.93	112263#	32	50/60				
3508		01.86- 01.93	110801	28	45				
3512		01.86- 01.96	110801	28	45				
		01.86- 01.93	112263#	32	50/60				
3516		01.86- 01.93	110801	28	45				
		01.86- 01.93	112263#	32	50/60				
<b>MISC.</b>									
1693		01.71- 01.79	111261	28	50	01.71- 01.79	110346#	24	
1694						01.74- 01.79	110999	24	
304CR	[S3L]						113995	12	1.7
IT12B						01.89- 12.93	113695	24	6.0
IT24B						01.89- 12.96	113695	24	6.0
Towmotor	[Peugeot]						111028#	12	2.0
Various Models		01.86- 12.92	113724#	28	30	02.93-	110999	24	
		01.79- 01.92	110801	28	45				
Various Models		01.70- 01.93	111261	28	50			110961	12 2.5
			114347	28	150			110437#	12 1.4
		01.72- 01.00	110801	28	45	01.68- 01.90	110436	12	
		01.92- 01.97	113310	14	50	01.85- 01.91	113741	12	1.4
		01.81- 12.93	113724#	28	30	01.81-	112233	12	
		01.72- 01.97	110591	28	75		110941	12	2.5
		01.90-	113740	14	160	01.92- 01.94	113194	24	3.2
		01.90-	113739	14	130	01.74- 01.93	113384	32	
		01.90- 01.96	112991	14	130	01.82- 01.86	110626	12	1.4
		01.86- 01.97	112261	28	60		110962	12	2.0
		01.92- 01.97	112294	28	110		111190	12	
		01.80- 01.97	113549	28	35	01.82- 01.91	111027	12	1.4
		01.66- 01.73	110427	28	22	01.71- 01.81	112007	12	
		01.79- 01.93	111796	14	40	01.70- 01.84	112254	24	
		01.70- 01.93	112263#	32	50/60		113669	24	5.0
		01.94- 01.95	112996	14	115/130	01.79-	110449	12	3.6
			112998	14	85	01.76- 01.79	110347	24	7.5
		01.86- 12.89	112989	14	60		112259	12	
							114331	24	8.3
							114280	24	3.2
							114168	12	1.2
						01.71- 01.79	110346#	24	
						01.71- 01.79	110999	24	
						01.95- 12.00	111793	12	3.0
						01.85-	111000	24	
						01.89- 12.92	113695	24	6.0
						01.94- 01.98	112323	24	5.0
		01.74-	110937	14	200				
		01.99-	114043	14	55				
<b>Challenger</b>									
<b>MARINE</b>									
Various Models							111918	12	0.6
<b>Chang Feng (Liebao)</b>									
<b>AGRICULTURE</b>									
3320		01.92-	110621	14	55	01.92-	114254	12	2.7 GR
						01.92-	110545	12	3.0
<b>Chevrolet</b>									
<b>PASSENGER CARS EU</b>									
Avalanche 5.3						01.02- 12.02	112902	12	1.2
Aveo 1.2	[F12S3]					03.06-	113860	12	0.8
						04.08-	113860	12	0.8
Aveo 1.2 16V	[B12D1]					04.08-	113860	12	0.8
Aveo 1.4	[F14D3]	03.06-	114350	14	85				
		01.08-	114350	14	85				
Bel air						01.95- 12.97	112897	12	1.7
Beretta 2.2	[LN2]	01.91-	110503	14	100/105				
Beretta 2.3 16V	[LGO]	09.90- 01.92	110499	14	100/105				
		09.90-	112448	14	100				
		09.90-	112624						
		09.90-	112621#	14	100/105				
Beretta 3.1 V6	[LHO]					01.89-	110221	12	1.2
Blazer 4.3 V6	[L35]	01.94- 01.96	112639	14	100/105	01.94-	112240	12	1.7
Blazer S 4.3 V6	[LB4]	09.88- 08.94	112337	14	105				
		09.88- 08.94	112629	14	100/105				
		01.93- 01.94	112639	14	100/105				
Camaro 3.4 V6	[L32]	01.94- 01.95	111854	14	105	12.92- 12.95	111034	12	1.2
Camaro 5.0	[LG4]	01.90- 01.92	110500	14	100/105	01.78- 11.81	110414	12	
	[LG4]	01.87-	110498	14	100/105				
		01.88- 01.89	110985	14	100/105				
Camaro 5.7	[LS1]	07.98-	111712	14	105				
Camaro 5.7 V8	[LT1]	01.90- 01.92	112627	14	100/105				
		01.90- 01.92	112629	14	100/105				
Camaro 5.7						01.98- 12.01	112906	12	1.7
						01.95- 12.96	112897	12	1.7
Caprice 5.0	[LG4]					01.81- 12.83	110414	12	
Captiva 2.0 Diesel 4x4	[Z20S]					10.06-	114159	12	1.8
Captiva 3.2 4WD		06.06-	114235	14	120				
Corsica 2.2	[LN2]	01.91-	110503	14	100/105				
Corvette 2.8						01.97- 12.01	112906	12	1.7
						01.02- 12.02	112898	12	1.6
						06.06-	114503	12	1.5
Epica 2.0						06.06-	114503	12	1.5
Epica 2.5	[LF4]					03.05-	111848	12	1.0
Evanda 2.0	[X20SED]	03.05-	113498	14	80				
Impala 3.8 V6	[L36]					01.04-	112901#	12	1.5
Impala 5.7						01.95- 12.97	112897	12	1.7
Kalos 1.2	[B12S1]					03.05-	113860	12	0.8
Kalos 1.4	[F14S3]	03.05- 09.06	114350	14	85	03.05-	111123	12	0.9
Kalos 1.4 16V	[F14D3]	03.05-	114350	14	85	03.05-	111123	12	0.9
Lacetti 1.4 16V	[F14D3]	03.05-	114350	14	85	03.05-	111123	12	0.9
Lacetti 1.6	[F16D3]	03.05-	114350	14	85	03.05-	111123	12	0.9
Lacetti 1.8	[T18SED]	03.05-	114350	14	85	03.05-	111848	12	1.0
		08.05-	114350	14	85				
Lumina 2.3 APV	[LD2]								
		12.92- 07.98	111388	14	100/105				
		10.93- 07.96	112637#	14	100/105				
		10.93- 07.96	111389	14	100/105				
Lumina 3.1 APV	[L82]	01.94- 01.95	111389	14	100/105				
		01.94- 07.96	112637#	14	100/105				
		01.95- 07.96	111392#	14	105				
	[LG6]	08.89- 01.95	111389	14	100/105				
		08.89- 07.96	112637#	14	100/105				
		01.95- 07.96	111392#	14	105				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



LUV 2.2 Millenium		01 99-	114413	14	85						
Malibu 3.8	[LC3]	01.78- 01.79	110234	14	80	01.80-	01.81	110414	12		
		01.80- 01.82	110235	14	80						
		01.80- 12.83	110504	14	90						
		01.80- 12.83	113711#	14	65						
		01.83-	110508	14	78						
Malibu 5.0	[LG4]	01.78- 01.79	110234	14	80	01.80-		110414	12		
		01.80- 01.82	110235	14	80						
		01.80- 12.83	110504	14	90						
		01.80- 12.83	113711#	14	65						
		01.83-	110508	14	78						
Matiz 0.8	[F8CV]	03.05-	111847	14	65	03.05-		111849	12 0.8		
Matiz 1.0	[B10S]	03.05-	114114	14	65	03.05-		113860	12 0.8		
	[B10S1]					03.05-		113860	12 0.8		
Monte Carlo 3.8	[LC3]	01.70-	110504	14	90	01.04-	01.05	112901#	12 1.5		
		01.70-	113767	14	94						
		01.70-	113711#	14	65						
		01.80- 01.86	110235	14	80						
		01.83- 01.87	110508	14	78						
		01.87-	110471	14	94						
Nubira 1.4	[F14D3]	01.05-	114350	14	85						
		01.06-	114412	14	85						
Nubira 1.6	[F16D3]	03.05-	114350	14	85	03.05-		111123	12 0.9		
Nubira 1.8	[F18D3]	01.06-	114350	14	85						
	[T18SED]	03.05-	114350	14	85	03.05-		111848	12 1.0		
		08.05-	114350	14	85						
Rezzo/Tacuma 1.6	[A16DMS]	03.05-	113350	14	85	03.05-		111123	12 0.9		
						03.05-		112431	12 1.1		
Rezzo/Tacuma 2.0	[T20SED]	03.05-	113498	14	80	03.05-		111848	12 1.0		
S10 2.2		01.94- 01.97	112614	14	105						
S10 4.3 4x4		01.94- 01.95	112613	14	105						
Various Models		01.98- 01.00	112665	14	100						
								Lumina 3.1, 3.4	01.90- 12.98	112911	12 1.6
								Express Vans 4.3, 5.0	01.97- 12.99	112912	12 1.6
								Trailblazer	01.02- 12.02	112905	12 1.6
								Venture 3.4	01.97- 12.00	112900	12 1.4
								S10/T-10 Pickup 2.2	01.96- 12.98	112900	12 1.4
								S10/T-10 Pickup 2.2	01.96- 12.98	112911	12 1.6
									01.72- 01.82	112828	12
									01.80- 01.90	110216	12 1.4
									01.63- 01.77	112897	12 1.7
Voyager 2.4	[EDZ]								01.96- 12.00	112432	
<b>PASSENGER CARS US</b>											
1500 5.3 Suburban		01.00- 01.03	112853	14	130	01.00-	01.03	112902	12 1.2		
1500 5.3 Suburban		01.02- 01.03	112853	14	130	01.02-	01.03	112902	12 1.2		
		01.02- 01.02	112850	14	105						
2500 5.3 Suburban		01.00- 01.00	112853	14	130	01.00-	01.00	112902	12 1.2		
2500 6.0 Suburban		01.00- 01.03	112853	14	130	01.01-	01.03	112906	12 1.7		
		01.00- 01.02	112850	14	105	01.00-	01.00	112898	12 1.6		
2500 6.0 Suburban LS		01.05-	112853	14	130						
2500 6.0 Suburban LT		01.05-	112853	14	130						
2500 8.1 Suburban		01.01- 01.03	112853	14	130	01.01-	01.02	112240	12 1.7		
2500 8.1 Suburban LS		01.05-	112853	14	130						
2500 8.1 Suburban LT		01.05-	112853	14	130						
Astre 2.5		01.88- 01.92	110500	14	100/105	01.85-	01.90	110221	12 1.2		
		01.85- 01.90	110505	14	75						
		01.85- 01.90	110471	14	94						
Astre 4.3		01.00- 12.00	112665	14	100	01.97-	01.05	112240	12 1.7		
		01.87- 01.89	112337	14	105	01.99-	01.05	112241	12 1.5		
		01.93- 01.96	112639	14	100/105	01.92-	01.98	111034	12 1.2		
		01.90- 01.98	111711	14	105	01.85-	01.94	110216	12 1.4		
		01.92- 01.95	111223	14	105						
		01.87- 01.88	110508	14	78						
		01.86- 01.89	112126#	14	105						
		01.85-	110471	14	94						
		01.85-	110233	14	63						
		01.85-	110505	14	75						
Avalanche 5.3 1500		01.02- 01.03	112853	14	130	01.02-	01.03	112902	12 1.2		
		01.02- 01.02	112850	14	105						
Avalanche 8.1 2500		01.02- 01.03	112853	14	130	01.03-	01.06	113730	12 1.4		
		01.02- 01.02	112850	14	105	01.02-	01.02	112240	12 1.7		
Avalanche 8.1 2500 LS		01.05-	112853	14	130	01.03-	01.06	113730	12 1.4		
Avalanche 8.1 2500 LT		01.05-	112853	14	130	01.03-	01.06	113730	12 1.4		
Aveo 1.6 Special Value		01.05-	114412	14	85						
Bel Air 3.8		01.63- 01.65	110215#	14	90	01.63-	01.65	110217			
		01.63- 01.65	110075	14	60						
Bel Air 3.9		01.55- 01.56	110505	14	75						
Bel Air 4.1		01.72- 01.73	110233	14	63	01.65-	01.73	110217			
		01.72- 01.73	110505	14	75						
		01.65- 01.71	110215#	14	90						
		01.65- 01.71	110075	14	60						
Bel Air 4.3						01.55-	01.57	111258	12		
Bel Air 4.4		01.81- 01.81	110235	14	80	01.81-	01.81	110414	12		
		01.81- 01.81	110505	14	75						
Bel Air 4.6		01.63- 01.67	110215#	14	90	01.57-	01.57	111258	12		
		01.63- 01.67	110075	14	60	01.63-	01.67	110217			
Bel Air 5.0		01.68-	110215#	14	90	01.68-		111258	12		
		01.93- 01.96	112639	14	100/105	01.68-		110217			
		01.68-	110075	14	60	01.81-	01.81	110414	12		
		01.83- 01.87	110508	14	78						
		01.85- 01.86	110492	14	108						
		01.86- 01.87	110471	14	94						
		01.81- 01.81	110235	14	80						
		01.81- 01.81	110505	14	75						
Bel Air 5.4		01.63- 01.67	110215#	14	90	01.63-	01.67	111258	12		
		01.63- 01.67	110075	14	60	01.62-	01.67	110217			
Bel Air 5.7		01.72- 01.75	110505	14	75	01.72-	01.75	110216	12 1.4		
		01.72- 01.75	110233	14	63	01.69-	01.75	111258	12		
		01.69- 01.71	110215#	14	90	01.69-	01.71	110217			
		01.69- 01.71	110075	14	60	01.58-	01.61	110798	12 1.5		
Bel Air 6.5		01.66- 01.69	110215#	14	90	01.66-	01.69	111277	12		
		01.66- 01.69	110075	14	60						
Bel Air 6.6		01.72- 01.74	110233	14	63	01.70-	01.75	110216	12 1.4		
		01.72- 01.75	110505	14	75	01.70-	01.75	111258	12		
		01.70- 01.71	110215#	14	90						
		01.70- 01.71	110075	14	60						
Bel Air 6.7		01.63- 01.65	110215#	14	90	01.62-	01.65	111277	12		
		01.63- 01.65	110075	14	60						
Bel Air 7.0		01.66- 01.69	110215#	14	90	01.66-	01.69	111277	12		
		01.66- 01.69	110075	14	60						
Bel Air 7.4		01.72- 01.75	110505	14	75	01.70-	01.75	110216	12 1.4		
		01.93- 01.96	112639	14	100/105	01.70-	01.75	111258	12		
		01.72-	110233	14	63						
		01.70- 01.71	110215#	14	90						
		01.70- 01.71	110075	14	60						
Beretta 2.0		01.87- 01.89	110503	14	100/105	01.87-	01.89	112911	12 1.6		

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Beretta 2.2	01.96-	112616#	14	105	01.90- 01.95	112911	12	1.6
	01.93- 01.95	110500	14	100/105				
	01.90- 01.91	110503	14	100/105				
Beretta 2.2 GT	01.93-	110500	14	100/105	01.92-	112911	12	1.6
	01.92-	110503	14	100/105				
Beretta 2.3 GTZ	01.90- 01.93	112620			01.90- 01.93	114136#	12	
Beretta 2.3 Z26								
Beretta 2.8	01.87- 01.93	111388	14	100/105	01.87- 01.89	110221	12	1.2
					01.87- 01.89	112911	12	1.6
Beretta 2.8 GT	01.89-	111388	14	100/105	01.89-	110221	12	1.2
					01.89-	112911	12	1.6
Beretta 3.1	01.94- 01.96	112642#	14	100/105	01.90- 01.95	112911	12	1.6
	01.90- 01.93	111388	14	100/105				
Beretta 3.1 GT	01.90- 01.93	111388	14	100/105	01.90- 01.93	112911	12	1.6
Beretta 3.1 GTZ	01.91- 01.93	111388	14	100/105	01.91- 01.93	112911	12	1.6
Beretta 3.1 Z26	01.94- 01.95	112642#	14	100/105	01.94- 01.95	112911	12	1.6
Biscayne 3.8	01.63- 01.65	110215#	14	90	01.63- 01.65	110217		
	01.63- 01.65	110075	14	60				
Biscayne 4.1	01.65- 01.71	110215#	14	90	01.65- 01.71	110217		
	01.65- 01.71	110075	14	60				
	01.72-	110233	14	63				
Biscayne 4.6	01.63- 01.67	110215#	14	90	01.63- 01.67	110217		
	01.63- 01.67	110075	14	60				
Biscayne 5.0	01.68-	110215#	14	90	01.68-	111258	12	
	01.93- 01.96	112639	14	100/105	01.68-	110217		
Biscayne 5.4	01.63- 01.67	110215#	14	90	01.62- 01.67	110217		
	01.63- 01.67	110075	14	60	01.63- 01.67	111258	12	
Biscayne 5.7	01.93- 01.96	112639	14	100/105	01.58- 01.61	110798	12	1.5
	01.72-	110233	14	63	01.72-	110216	12	1.4
	01.72-	110505	14	75	01.69- 01.71	111258	12	
	01.69- 01.71	110215#	14	90	01.69- 01.71	110217		
Biscayne 6.5	01.66- 01.69	110215#	14	90	01.66- 01.69	111277	12	
	01.66- 01.69	110075	14	60				
Biscayne 6.6	01.72-	110233	14	63	01.70- 01.71	110216	12	1.4
	01.72-	110505	14	75	01.70- 01.71	111258	12	
	01.70- 01.71	110215#	14	90				
Biscayne 6.7	01.70- 01.71	110075	14	60				
	01.63- 01.65	110215#	14	90	01.62- 01.65	111277	12	
Biscayne 7.0	01.63- 01.65	110075	14	60				
	01.66- 01.69	110215#	14	90	01.66- 01.69	111277	12	
Biscayne 7.4	01.66- 01.69	110075	14	60				
	01.70- 01.70	110215#	14	90	01.70- 01.70	110216	12	1.4
Blazer 4.1	01.70- 01.70	110075	14	60	01.70- 01.70	111258	12	
	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63				
	01.72-	110505	14	75				
Blazer 4.3	01.69- 01.71	110215#	14	90	01.69- 01.75	110217		
	01.69- 01.71	110075	14	60	01.73- 01.82	110216	12	1.4
	01.72-	110233	14	63				
Blazer 4.3 Trailblazer	01.72- 01.82	110505	14	75				
	01.98- 01.02	112665	14	100	01.99- 01.02	112241	12	1.5
	01.95- 01.96	112639	14	100/105	01.94- 01.00	112240	12	1.7
Blazer 4.8	01.95-	112613	14	105	01.95-	111034	12	1.2
	01.99- 01.00	112665	14	100	01.99- 01.01	112241	12	1.5
Blazer 5.0	01.73-	110505	14	75	01.73-	110216	12	1.4
	01.70-	110215#	14	90	01.70-	110217		
Blazer 5.7	01.70-	110075	14	60				
	01.69- 01.71	110215#	14	90	01.69- 01.71	111277	12	
	01.69- 01.71	110075	14	60	01.69- 01.87	110217		
	01.87- 01.87	112635#	14	100/105	01.77- 01.87	110216	12	1.4
	01.72- 01.87	110505	14	75				
	01.83- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
	01.87- 01.87	110500	14	100/105				
	01.72- 01.72	110233	14	63				
	01.93- 01.96	112639	14	100/105				
Blazer 6.2	01.80- 01.81	110234	14	80				
	01.93- 01.94	112639	14	100/105	01.87- 01.94	110217		
	01.87- 01.94	110500	14	100/105	01.73- 01.94	110216	12	1.4
Blazer 6.6	01.87- 01.94	110500	14	100/105	01.69- 01.72	111258	12	
	01.87- 01.94	112338	14	105				
	01.73- 01.86	110505	14	75				
	01.69- 01.72	110215#	14	90				
Blazer 7.4	01.69- 01.72	110075	14	60				
	01.87- 01.93	112337	14	105				
	01.82- 01.91	110233	14	63				
Brookwood 4.1	01.82- 01.91	110505	14	75				
	01.92- 01.95	112337	14	105	01.75- 01.79	110216	12	1.4
Brookwood 5.7	01.75- 01.79	110505	14	75				
	01.73- 01.78	110505	14	75	01.73- 01.78	110216	12	1.4
Brookwood 6.6	01.93- 01.96	112639	14	100/105				
	01.69-	110215#	14	90	01.69-	110217		
C10 3.8	01.69-	110075	14	60				
	01.93- 01.96	112639	14	100/105	01.69- 01.71	111258	12	
C10 4.1	01.72-	110233	14	63	01.69- 01.71	110217		
	01.72-	110505	14	75				
C10 4.1 Big Ten	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
C10 4.1 Suburban	01.72- 01.72	110233	14	63	01.73- 01.84	110216	12	1.4
	01.72- 01.84	110505	14	75				
C10 4.3	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
	01.68- 01.71	110215#	14	90	01.68- 01.75	110217		
C10 4.6	01.68- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
C10 4.8	01.72- 01.80	110505	14	75				
	01.80- 01.80	110234	14	80				
C10 4.8 Big Ten	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C10 4.8 Suburban	01.63- 01.67	110215#	14	90	01.63- 01.67	110217		
	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
C10 4.8 Big Ten	01.63- 01.71	110215#	14	90	01.73- 01.80	110216	12	1.4
	01.63- 01.71	110075	14	60	01.69- 01.71	110217		
C10 4.8 Suburban	01.73- 01.80	110505	14	75				
	01.78- 01.80	110505	14	75	01.78- 01.80	110216	12	1.4
C10 4.8 Suburban	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.68- 01.71	110215#	14	90	01.69- 01.71	110217		
	01.68- 01.71	110075	14	60				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.





C10 4.8	01.74-	110505	14	75	01.74-	110216	12	1.4
C10 4.8 Suburban	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C10 5.0	01.72- 01.86	110505	14	75	01.68- 01.73	110217		
	01.85- 01.86	110471	14	94	01.76- 01.86	110216	12	1.4
	01.80- 01.81	110234	14	80	01.85- 01.86	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.68- 01.69	111277	12	
	01.72-	110233	14	63				
	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C10 5.0 Big Ten	01.93- 01.96	112639	14	100/105	01.77- 01.79	110216	12	1.4
	01.77- 01.79	110505	14	75				
	01.80-	110234	14	80				
C10 5.0 Suburban	01.72- 01.86	110505	14	75	01.85- 01.86	111034	12	1.2
	01.83- 01.86	110471	14	94	01.76- 01.86	110216	12	1.4
	01.80- 01.81	110234	14	80	01.68- 01.73	110217		
	01.72- 01.72	110233	14	63	01.68- 01.71	111277	12	
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
C10 5.4	01.62- 01.67	110215#	14	90	01.62- 01.67	110217		
	01.62- 01.67	110075	14	60	01.62- 01.67	111258	12	
C10 5.4 Suburban	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12	
	01.68- 01.68	110075	14	60	01.68- 01.68	110217		
C10 5.7	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.72	110233	14	63	01.82- 01.83	110217		
	01.72- 01.86	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.80- 01.86	110234	14	80				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
C10 5.7 Big Ten	01.87- 01.89	112627	14	100/105	01.77- 01.80	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.77- 01.80	110505	14	75				
	01.80-	110234	14	80				
C10 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
C10 5.7	01.87- 01.89	112627	14	100/105	01.78- 01.81	110220	12	
	01.87- 01.89	112629	14	100/105				
	01.78- 01.81	110505	14	75				
C10 5.7 Big Ten	01.87- 01.89	112627	14	100/105	01.78- 01.79	110220	12	
	01.87- 01.89	112629	14	100/105				
C10 5.7 Suburban	01.78- 01.79	110505	14	75				
	01.87- 01.89	112627	14	100/105	01.78- 01.81	110220	12	
	01.87- 01.89	112629	14	100/105				
	01.78- 01.81	110505	14	75				
C10 5.7	01.87- 01.89	112627	14	100/105	01.74-	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.74-	110505	14	75				
C10 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.74- 01.74	110505	14	75				
C10 6.2	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
C10 6.2 Suburban	01.82- 01.86	110233	14	63	01.82- 01.86	111256		
	01.84- 01.84	110471	14	94				
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
C10 6.5	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C10 6.5 Suburban	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C10 6.6	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.80-	110234	14	80				
	01.70- 01.72	110215#	14	90				
	01.70- 01.72	110075	14	60				
C10 6.6 Big Ten	01.80-	110505	14	75	01.80-	110216	12	1.4
	01.80-	110234	14	80				
C10 6.6 Suburban	01.72- 01.72	110233	14	63	01.71- 01.72	111277	12	
	01.72- 01.72	110505	14	75				
	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
C10 7.4	01.93- 01.96	112639	14	100/105	01.73- 01.80	110216	12	1.4
	01.73- 01.80	110505	14	75				
	01.80-	110234	14	80				
C10 7.4 Big Ten	01.93- 01.96	112639	14	100/105	01.77- 01.79	110216	12	1.4
	01.80-	110234	14	80				
	01.77- 01.79	110505	14	75				
C10 7.4 Suburban	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.80- 01.80	110234	14	80				
C1500 4.3	01.88- 01.95	110500	14	100/105	01.88- 01.98	111034	12	1.2
	01.90- 01.95	112338	14	105	01.88- 01.89	111040		
	01.88- 01.89	112640	14	100/105				
C1500 5.0	01.96- 01.99	112893	14	140	01.96- 01.99	111034	12	1.2
	01.93- 01.95	112639	14	100/105	01.88- 01.95	110216	12	1.4
	01.88- 01.95	110500	14	100/105				
	01.88- 01.95	112640	14	100/105				
C1500 5.7	01.87- 01.89	112627	14	100/105	01.96- 01.99	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.96- 01.99	112893	14	140				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
C1500 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.96- 01.99	112893	14	140				
	01.92- 01.95	110500	14	100/105				
C1500 6.2	01.92- 01.95	112338	14	105				
	01.88- 01.93	112640	14	100/105				
	01.88- 01.93	110500	14	100/105				
C1500 6.5	01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	110500	14	100/105				
C1500 6.5 Turbo	01.97- 01.98	112893	14	140	01.94- 01.98	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
	01.94- 01.98	110500	14	100/105				



Application list

**CHEVROLET** *Continued*

C1500 6.5 Turbo Suburban	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.99	110500	14	100/105				
C1500 7.4	01.93- 01.93	112639	14	100/105	01.90- 01.93	110216	12	1.4
	01.90- 01.93	110984	14	100/105				
C20 3.8	01.63- 01.65	110215#	14	90	01.63- 01.65	110217		
	01.63- 01.65	110075	14	60				
C20 4.1	01.66- 01.71	110215#	14	90	01.66- 01.75	110217		
	01.66- 01.71	110075	14	60	01.73- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
C20 4.1 Suburban	01.68- 01.71	110215#	14	90	01.68- 01.74	110217		
	01.68- 01.71	110075	14	60	01.73- 01.74	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.74	110505	14	75				
C20 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C20 4.6	01.63- 01.67	110215#	14	90	01.63- 01.67	111277	12	
	01.63- 01.67	110075	14	60	01.63- 01.67	110217		
C20 4.8	01.63- 01.72	110215#	14	90	01.73- 01.86	110216	12	1.4
	01.63- 01.72	110075	14	60	01.69- 01.72	110217		
	01.73- 01.86	110505	14	75				
C20 4.8 Suburban	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234	14	80	01.69- 01.72	110217		
	01.68- 01.72	110215#	14	90				
	01.68- 01.72	110075	14	60				
C20 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C20 4.8 Suburban	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C20 5.0	01.72- 01.86	110505	14	75	01.77- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.68- 01.69	110217		
	01.80- 01.80	110234	14	80	01.68- 01.69	111277	12	
	01.72- 01.72	110233	14	63				
	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C20 5.0 Suburban	01.72- 01.86	110505	14	75	01.76- 01.86	110216	12	1.4
	01.83- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
	01.80- 01.80	110234	14	80	01.68- 01.73	110217		
	01.72- 01.72	110233	14	63	01.68- 01.71	111277	12	
	01.68- 01.71	110215#	14	90				
C20 5.4	01.62- 01.68	110215#	14	90	01.62- 01.68	110217		
	01.62- 01.68	110075	14	60	01.62- 01.68	111258	12	
C20 5.4 Suburban	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12	
	01.68- 01.68	110075	14	60	01.68- 01.68	110217		
C20 5.7	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.86	111258	12	
	01.64- 01.71	110215#	14	90				
	01.64- 01.71	110075	14	60				
	01.93- 01.96	112639	14	100/105				
	01.80- 01.86	110234	14	80				
	01.72- 01.86	110505	14	75				
	01.72- 01.72	110233	14	63				
C20 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.82- 01.86	110217		
	01.72- 01.86	110505	14	75	01.72- 01.72	111258	12	
	01.84- 01.86	110471	14	94				
	01.80- 01.86	110234	14	80				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
C20 5.7	01.87- 01.89	112627	14	100/105	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.74- 01.74	110505	14	75				
C20 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C20 6.2	01.74- 01.74	110505	14	75				
	01.82- 01.86	110233	14	63	01.82- 01.86	111256		
	01.82- 01.86	110505	14	75				
C20 6.2 Suburban	01.82- 01.86	110233	14	63				
	01.84- 01.84	110471	14	94				
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
C20 6.5	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C20 6.5 Suburban	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C20 6.6	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.80- 01.80	110234	14	80				
	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
C20 6.6 Suburban	01.72- 01.72	110233	14	63	01.71- 01.72	111277	12	
	01.72- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
	01.80- 01.80	110234	14	80				
C20 6.7	01.64- 01.65	110215#	14	90				
	01.64- 01.65	110075	14	60				
C20 7.4	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234	14	80				
C20 7.4 Suburban	01.85- 01.86	110233	14	63	01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.73- 01.86	110505	14	75				
	01.80- 01.85	110234	14	80				
C2500 4.3	01.93- 01.95	112639	14	100/105	01.88- 01.95	111034	12	1.2
	01.88- 01.95	110500	14	100/105	01.88- 01.89	111040		
	01.90- 01.95	112338	14	105				
	01.88- 01.89	112640	14	100/105				
C2500 5.0	01.96- 01.99	112893	14	140	01.97- 01.99	112912	12	1.6
	01.94- 01.95	112639	14	100/105	01.94- 01.95	111034	12	1.2
					01.88- 01.95	110216	12	1.4
	01.88- 01.95	110500	14	100/105				
	01.90- 01.93	112338	14	105				
	01.88- 01.89	112640	14	100/105				
C2500 5.7	01.87- 01.89	112627	14	100/105	01.96- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.96- 01.00	112893	14	140				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				



C2500 5.7 Suburban	01.87- 01.89	112627	14	100/105		01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105		01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105					
	01.96- 01.99	112893	14	140					
	01.92- 01.95	112338	14	105					
C2500 6.2	01.92- 01.95	110500	14	100/105					
	01.88- 01.93	110500	14	100/105		01.89- 01.93	112341	12	2.5
	01.88- 01.93	112640	14	100/105					
C2500 6.5	01.94- 01.95	112639	14	100/105		01.94- 01.95	112341	12	2.5
	01.94- 01.95	110500	14	100/105					
C2500 6.5 Turbo	01.93- 01.96	112639	14	100/105		01.92- 01.00	112341	12	2.5
	01.92- 01.00	110500	14	100/105					
	01.92- 01.00	112640	14	100/105					
C2500 6.5 Turbo Suburban	01.94- 01.96	112639	14	100/105		01.94- 01.99	112341	12	2.5
	01.94- 01.99	110500	14	100/105					
C2500 7.4	01.93- 01.96	112639	14	100/105		01.94- 01.00	112240	12	1.7
	01.96- 01.00	112893	14	140		01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105					
	01.91- 01.92	110984	14	100/105					
	01.92- 01.93	110984	14	100/105					
C2500 7.4 Suburban	01.93- 01.96	112639	14	100/105		01.94- 01.99	112240	12	1.7
	01.96- 01.99	112893	14	140		01.92- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105					
	01.92- 01.93	110984	14	100/105					
	01.92- 01.93	110984	14	100/105					
C30 3.8	01.64- 01.65	110215#	14	90		01.64- 01.65	110217		
	01.64- 01.65	110075	14	60					
	01.66- 01.71	110215#	14	90		01.66- 01.75	110217		
C30 4.1	01.66- 01.71	110075	14	60		01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63					
	01.72- 01.80	110505	14	75					
C30 4.6	01.63- 01.67	110215#	14	90		01.63- 01.67	111277	12	
	01.63- 01.67	110075	14	60		01.63- 01.67	110217		
C30 4.8	01.63- 01.72	110215#	14	90		01.73- 01.86	110216	12	1.4
	01.63- 01.72	110075	14	60		01.69- 01.72	110217		
	01.73- 01.86	110505	14	75					
C30 4.8	01.74- 01.74	110505	14	75		01.74- 01.74	110216	12	1.4
	01.93- 01.96	112639	14	100/105		01.78- 01.79	110216	12	1.4
C30 5.0	01.72- 01.79	110505	14	75		01.68- 01.69	110217		
	01.86- 01.86	110508	14	78		01.68- 01.69	111277	12	
	01.86- 01.86	110471	14	94					
	01.72- 01.72	110233	14	63					
	01.68- 01.69	110215#	14	90					
	01.68- 01.69	110075	14	60					
C30 5.4	01.62- 01.68	110215#	14	90		01.62- 01.68	111258	12	
	01.62- 01.68	110075	14	60		01.62- 01.68	110217		
C30 5.7	01.87- 01.89	112627	14	100/105		01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105		01.83- 01.83	110217		
	01.83- 01.83	110471	14	94		01.72- 01.72	111258	12	
	01.72- 01.86	110505	14	75					
	01.64- 01.71	110215#	14	90					
	01.64- 01.71	110075	14	60					
C30 5.7	01.80- 01.86	110234	14	80					
	01.93- 01.96	112639	14	100/105					
	01.72- 01.72	110233	14	63					
	01.87- 01.89	112627	14	100/105		01.78- 01.78	110220	12	
	01.87- 01.89	112629	14	100/105					
C30 5.7	01.78- 01.78	110505	14	75					
	01.87- 01.89	112627	14	100/105		01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105					
	01.93- 01.96	112639	14	100/105					
C30 6.2	01.74- 01.74	110505	14	75					
	01.82- 01.86	110233	14	63		01.82- 01.86	111256		
	01.82- 01.86	110505	14	75					
C30 6.5	01.68- 01.69	110215#	14	90					
	01.68- 01.69	110075	14	60					
C30 6.6	01.76- 01.79	110505	14	75		01.76- 01.79	110216	12	1.4
	01.70- 01.71	110215#	14	90					
C30 6.7	01.70- 01.71	110075	14	60					
	01.64- 01.65	110215#	14	90					
C30 7.4	01.64- 01.65	110075	14	60					
	01.73- 01.86	110505	14	75		01.73- 01.86	110216	12	1.4
C3500 5.7	01.80- 01.86	110234	14	80					
	01.87- 01.89	112627	14	100/105		01.96- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105		01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105					
	01.96- 01.00	112893	14	140					
	01.88- 01.95	112640	14	100/105					
C3500 6.2	01.88- 01.95	110500	14	100/105					
	01.88- 01.93	112640	14	100/105					
	01.88- 01.93	110500	14	100/105					
C3500 6.5 Turbo	01.97- 01.98	112893	14	140		01.92- 01.00	112341	12	2.5
	01.93- 01.96	112639	14	100/105					
	01.92- 01.00	112640	14	100/105					
	01.92- 01.00	110500	14	100/105					
	01.92- 01.00	110500	14	100/105					
C3500 6.5 Turbo HD Chassis Cab						01.01- 01.01	112341	12	2.5
C3500 7.4	01.93- 01.96	112639	14	100/105		01.94- 01.00	112240	12	1.7
	01.96- 01.00	112893	14	140		01.88- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105					
	01.88- 01.92	110984	14	100/105					
C3500 8.1 HD Chassis Cab	01.01- 01.02	112850	14	105		01.01- 01.01	112240	12	1.7
	01.01- 01.02	112853	14	130					
	01.82- 01.86	110235	14	80					
Camaro 2.5	01.82- 01.86	110505	14	75					
	01.86- 01.86	112126#	14	105					
	01.85- 01.89	110492	14	108		01.82- 01.89	110221	12	1.2
Camaro 2.8	01.85- 01.89	110508	14	78		01.85- 01.89	111034	12	1.2
	01.85- 01.89	110471	14	94					
	01.82- 01.84	110235	14	80					
	01.82- 01.84	110505	14	75					
Camaro 3.1 RS	01.90- 01.92	112620			01.90- 01.92	111034	12	1.2	
Camaro 3.4	01.93- 01.95	111854	14	105	01.93- 01.95	111034	12	1.2	

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CHEVROLET** *Continued*

Camaro 3.8	01.67-01.69	110215#	14	90	01.98-01.02	112903#	12	1.4	
	01.67-01.69	110075	14	60	01.99-01.01	112900	12	1.4	
	01.99-01.99	112867#	14	105	01.67-01.81	110217			
					01.95-01.97	112898	12	1.6	
					01.80-01.81	110414	12		
	01.95-01.97	112615	14	105					
	01.80-01.81	110505	14	75					
	01.80-01.81	110235	14	80					
	01.80-01.81	110233	14	63					
Camaro 3.8 RS	01.96-01.97	112615	14	105	01.96-01.97	112898	12	1.6	
Camaro 4.1	01.72-01.79	110233	14	63	01.67-01.79	110217			
	01.72-01.79	110505	14	75					
	01.67-01.71	110215#	14	90					
	01.67-01.71	110075	14	60					
Camaro 4.1 LT	01.77-	110505	14	75	01.77-	110217			
Camaro 4.4	01.80-01.81	110505	14	75	01.80-01.81	110414	12		
Camaro 5.0	01.90-01.92	112627	14	100/105	01.67-01.89	110217			
	01.90-01.92	112629	14	100/105	01.84-01.89	112910	12		
	01.72-01.87	110505	14	75	01.85-01.86	111034	12	1.2	
	01.93-01.96	112639	14	100/105	01.80-01.84	110414	12		
	01.72-01.73	110233	14	63	01.76-01.78	110216	12	1.4	
					01.67-01.78	110798	12	1.5	
		01.67-01.67	110215#	14	90				
		01.67-01.67	110075	14	60				
		01.88-01.89	110985	14	100/105				
		01.83-01.87	110471	14	94				
		01.85-01.86	110508	14	78				
		01.85-01.89	110492	14	108				
		01.81-01.82	110235	14	80				
Camaro 5.0 Iroc-Z	01.90-01.92	112627	14	100/105	01.90-	110217			
	01.90-01.92	112629	14	100/105	01.90-	112910	12		
	01.93-01.96	112639	14	100/105					
	01.90-	112640	14	100/105					
Camaro 5.0 LT	01.93-01.96	112639	14	100/105	01.76-	110216	12	1.4	
	01.76-	110505	14	75	01.76-	110798	12	1.5	
	01.90-01.92	112627	14	100/105					
	01.90-01.92	112629	14	100/105					
Camaro 5.0 RS	01.90-01.92	112627	14	100/105					
	01.90-01.92	112629	14	100/105	01.90-01.92	110217			
	01.90-01.92	112640	14	100/105	01.90-01.92	112910	12		
Camaro 5.0 Z28	01.90-01.92	112627	14	100/105					
	01.91-01.92	112629	14	100/105	01.91-01.92	112913#	12	1.4	
	01.91-01.92	112640	14	100/105					
Camaro 5.4	01.67-01.67	110215#	14	90	01.67-01.67	110217			
	01.67-01.67	110075	14	60					
Camaro 5.7	01.90-01.92	112627	14	100/105					
	01.90-01.92	112629	14	100/105	01.67-01.81	111258	12		
	01.93-01.96	112639	14	100/105	01.69-01.89	110217			
	01.72-01.81	110505	14	75	01.72-01.81	110216	12	1.4	
	01.72-01.75	110233	14	63					
	01.67-01.71	110215#	14	90					
	01.67-01.71	110075	14	60					
Camaro 5.7 Iroc-Z	01.87-01.89	110498	14	100/105					
	01.90-01.92	112627	14	100/105	01.90-	110217			
	01.90-01.92	112629	14	100/105					
	01.93-01.96	112639	14	100/105					
	01.90-	112640	14	100/105					
Camaro 5.7 LT	01.90-01.92	112627	14	100/105					
	01.90-01.92	112629	14	100/105	01.76-01.77	110216	12	1.4	
	01.90-01.92	112640	14	100/105	01.76-01.77	111258	12		
	01.76-01.77	110505	14	75					
Camaro 5.7 SS	01.90-01.92	112627	14	100/105	01.98-01.02	112898	12	1.6	
	01.90-01.92	112629	14	100/105					
Camaro 5.7 Z28	01.90-01.92	112627	14	100/105					
	01.90-01.92	112629	14	100/105	01.72-01.72	110216	12	1.4	
	01.72-01.72	110233	14	63	01.72-01.72	111258	12		
	01.72-01.72	110505	14	75	01.98-01.02	112898	12	1.6	
					01.93-01.97	111040			
					01.91-01.92	110217			
		01.93-01.96	112639	14	100/105				
	01.94-01.95	111854	14	105					
Camaro 6.5	01.91-01.92	112640	14	100/105					
	01.67-01.70	110215#	14	90	01.67-01.70	111277	12		
	01.67-01.70	110075	14	60					
Camaro 6.6	01.72-	110233	14	63	01.70-01.71	110216	12	1.4	
	01.72-	110505	14	75	01.70-01.71	111277	12		
	01.70-01.71	110215#	14	90					
	01.70-01.71	110075	14	60					
Caprice 3.8	01.85-	110508	14	78	01.80-01.84	110217			
	01.83-01.84	110471	14	94	01.80-01.84	110414	12		
	01.80-01.84	110505	14	75					
	01.80-01.84	110233	14	63					
	01.80-01.84	110235	14	80					
Caprice 4.1	01.67-01.69	110215#	14	90	01.67-01.79	110217			
	01.67-01.69	110075	14	60					
	01.77-01.79	110505	14	75					
Caprice 4.3					01.92-01.96	112913#	12	1.4	
					01.85-01.90	110217			
		01.94-01.96	111220	14	105				
		01.94-01.96	112884	14	140				
		01.92-	112640	14	100/105				
		01.85-01.90	110492	14	108				
		01.85-01.90	110471	14	94				
		01.85-01.90	110233	14	63				
		01.85-01.90	110505	14	75				
Caprice 4.3 Classic Brougham	01.87-01.88	110471	14	94	01.87-01.88	110217			
	01.87-01.88	110492	14	108					
	01.87-01.88	110233	14	63					
	01.87-01.88	110505	14	75					
Caprice 4.3 Classic LS					01.94-	112913#	12	1.4	
		01.94-	112639	14	100/105				
	01.94-	112638#	14	100/105					
	01.94-	112884	14	140					
	01.94-	111220	14	105					
Caprice 4.4	01.80-01.82	110505	14	75	01.80-01.82	110414	12		
	01.80-01.82	110235	14	80					
Caprice 4.6	01.66-01.67	110215#	14	90					
	01.66-01.67	110075	14	60					
Caprice 5.0	01.93-01.96	112639	14	100/105	01.91-01.93	112913#	12	1.4	
	01.91-01.93	112640	14	100/105	01.68-01.90	110217			
	01.89-01.93	112877#	14	120	01.77-01.88	110216	12	1.4	
	01.89-01.90	110985	14	100/105	01.80-01.88	110414	12		
	01.86-01.90	110508	14	78	01.68-	111258	12		
	01.86-01.90	110471	14	94					
	01.86-01.88	110492	14	108					
	01.77-01.88	110505	14	75					
	01.80-01.88	110235	14	80					



		01.79-	110234	14	80				
		01.68-	110215#	14	90				
		01.68-	110075	14	60				
Caprice 5.0 Classic Brougham		01.89- 01.90	112877#	14	120	01.87-	01.90	110217	
		01.89- 01.90	110985	14	100/105				
		01.87- 01.88	110508	14	78				
		01.87- 01.88	110492	14	108				
		01.87- 01.88	110471	14	94				
Caprice 5.0 Classic LS		01.93- 01.96	112639	14	100/105	01.93-		112913#	12 1.4
		01.93-	112640	14	100/105				
		01.93-	112877#	14	120				
		01.93-	110500	14	100/105				
Caprice 5.0 Classic LTZ		01.91- 01.92	112877#	14	120	01.91-	01.92	112913#	12 1.4
		01.91- 01.92	112640	14	100/105				
Caprice 5.4		01.66- 01.67	110215#	14	90	01.68-		111258	12
		01.66- 01.67	110075	14	60	01.68-		110217	
Caprice 5.7		01.93- 01.96	112884	14	140	01.94- 01.96		111040	
		01.91-	110500	14	100/105	01.72- 01.93		110216	12 1.4
		01.91- 01.93	112640	14	100/105	01.69- 01.82		111258	12
		01.89- 01.93	112877#	14	120	01.69- 01.71		110217	
		01.93- 01.96	112639	14	100/105	01.94-		112897	12 1.7
		01.94- 01.96	111220	14	105				
		01.94- 01.96	112638#	14	100/105				
		01.81- 01.88	110235	14	80				
		01.85- 01.88	110492	14	108				
		01.72- 01.82	110505	14	75				
		01.72-	110233	14	63				
		01.69- 01.71	110215#	14	90				
		01.69- 01.71	110075	14	60				
Caprice 5.7 Classic LTZ		01.93- 01.93	112639	14	100/105	01.91-	01.93	110216	12 1.4
		01.91- 01.93	112640	14	100/105				
		01.91- 01.93	112877#	14	120				
Caprice 5.7 LS		01.94- 01.96	112639	14	100/105	01.94-		112897	12 1.7
		01.94-	112638#	14	100/105	01.94-		111040	
		01.94-	111220	14	105				
		01.94-	112884	14	140				
Caprice 5.7		01.84- 01.85	110508	14	78	01.80-	01.83	110220	12
		01.84- 01.85	110471	14	94				
		01.80- 01.83	110505	14	75				
		01.80- 01.83	110235	14	80				
Caprice 6.5		01.66- 01.69	110215#	14	90	01.68-	01.69	111277	12
		01.66- 01.69	110075	14	60				
Caprice 6.6		01.72- 01.76	110505	14	75	01.70- 01.76		111258	12
		01.72-	110233	14	63	01.70- 01.76		110216	12 1.4
		01.70- 01.71	110215#	14	90	01.71-		111277	12
		01.70- 01.71	110075	14	60				
Caprice 7.0		01.66- 01.69	110215#	14	90	01.68-	01.69	111277	12
		01.66- 01.69	110075	14	60				
Caprice 7.4		01.93- 01.96	112639	14	100/105	01.70- 01.75		110216	12 1.4
		01.72- 01.75	110505	14	75	01.70- 01.75		111258	12
		01.72-	110233	14	63				
		01.70- 01.71	110215#	14	90				
		01.70- 01.71	110075	14	60				
Cavaller 1.8									
Cavaller 2.0		01.83- 01.86	110492	14	108	01.87-	01.89	112911	12 1.6
		01.87- 01.89	111388	14	100/105				
		01.87- 01.89	110503	14	100/105				
		01.85-	110508	14	78				
Cavaller 2.0 CL		01.85-	110508	14	78				
		01.83-	110492	14	108				
Cavaller 2.0 CS		01.83- 01.86	110492	14	108	01.87-		112911	12 1.6
		01.87-	110503	14	100/105				
		01.85-	110508	14	78				
Cavaller 2.0 RS		01.87- 01.88	110503	14	100/105	01.87-	01.88	112911	12 1.6
		01.86-	110492	14	108				
Cavaller 2.0 Type-10		01.83- 01.85	110492	14	108	01.83-	01.85	112911	12 1.6
		01.85-	110508	14	78				
Cavaller 2.0 VL		01.88-	110503	14	100/105	01.88-		112911	12 1.6
Cavaller 2.2		01.02- 01.05	113748	14	105	01.02- 01.02		112899	12 1.4
						01.98- 01.01		112900	12 1.4
		01.94- 01.95	112643#	14	100/105	01.90- 01.98		112911	12 1.6
		01.87-	110503	14	100/105				
Cavaller 2.2 LS						01.95- 01.98		112911	12 1.6
		01.02- 01.05	113748	14	105	01.98- 01.98		112900	12 1.4
		01.95-	112643#	14	100/105				
Cavaller 2.2 RS						01.91- 01.98		112911	12 1.6
		01.02- 01.05	113748	14	105	01.98- 01.98		112900	12 1.4
		01.94-	112859#	14	80				
		01.91- 01.93	110503	14	100/105				
Cavaller 2.2 VL		01.02- 01.05	113748	14	105	01.90- 01.93		112911	12 1.6
		01.94-	112859#	14	80				
		01.90- 01.93	110503	14	100/105				
Cavaller 2.2		01.03- 01.04	113748	14	105				
Cavaller 2.3 LS						01.95-		112085	24 5.2
Cavaller 2.3 Z24						01.95-		112085	24 5.2
Cavaller 2.4		01.99- 01.00	114138	14	105	01.99- 01.02		112907	12 1.7
Cavaller 2.4 LS		01.96- 01.98	114138	14	105				
Cavaller 2.4 LT	[LD9]	10.95- 09.03	114138	14	105				
Cavaller 2.4 Z24		01.96- 01.98	114138	14	105				
Cavaller 2.8		01.87- 01.89	111388	14	100/105	01.85- 01.89		110221	12 1.2
		01.85- 01.89	110505	14	75	01.85- 01.89		112911	12 1.6
		01.85- 01.89	110471	14	94				
Cavaller 2.8 CS		01.85-	110508	14	78	01.85- 01.87		110221	12 1.2
		01.85- 01.87	110471	14	94	01.85- 01.87		112911	12 1.6
		01.85- 01.87	110505	14	75				
Cavaller 2.8 RS		01.86- 01.88	110505	14	75	01.86- 01.88		110221	12 1.2
		01.86- 01.88	110471	14	94	01.86- 01.88		112911	12 1.6
Cavaller 2.8 Type-10		01.85-	110505	14	75	01.85-		110221	12 1.2
		01.85-	110471	14	94	01.85-		112911	12 1.6
Cavaller 2.8 Z24		01.87- 01.89	111388	14	100/105	01.86- 01.89		110221	12 1.2
		01.86- 01.89	110505	14	75	01.86- 01.89		112911	12 1.6
		01.86- 01.89	110471	14	94				
Cavaller 3.1		01.90- 01.94	111388	14	100/105	01.90- 01.94		112911	12 1.6
Cavaller 3.1 RS		01.91- 01.94	111388	14	100/105	01.91- 01.94		112911	12 1.6
Cavaller 3.1 Z24		01.90- 01.94	111388	14	100/105	01.90- 01.94		112911	12 1.6
Celebrity 2.5		01.83- 01.90	110471	14	94				
		01.82- 01.90	110505	14	75				
		01.82- 01.90	110235	14	80				
		01.87- 01.90	110499	14	100/105				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Celebrity 2.8	01.84- 01.89	110508	14	78	01.82- 01.89	110221	12	1.2
					01.84- 01.89	112911	12	1.6
	01.84- 01.89	110492	14	108				
	01.85- 01.89	110471	14	94				
	01.82- 01.86	110235	14	80				
	01.82- 01.86	110505	14	75				
Celebrity 3.1	01.90-	111388	14	100/105	01.90-	112911	12	1.6
Celebrity 4.3	01.82- 01.85	110233	14	63				
	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.82- 01.85	110505	14	75				
	01.82- 01.83	110235	14	80				
Chevelle 1.4	01.76- 01.77	110492	14	108				
Chevelle 1.4 Scooter	01.76- 01.76	110492	14	108				
Chevelle 1.6	01.76- 01.84	110492	14	108				
Chevelle 1.6 CS	01.84- 01.87	110492	14	108				
Chevelle 1.6 Scooter	01.76- 01.83	110492	14	108				
Chevelle 1.8					01.81- 01.84	110316	12	2.0
Chevelle 1.8 CS					01.84- 01.86	110316	12	2.0
Chevelle 3.2	01.64- 01.66	110215#	14	90	01.64- 01.66	110217		
	01.64- 01.66	110075	14	60				
Chevelle 3.8	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
	01.64- 01.67	110075	14	60				
Chevelle 3.8 300	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60				
Chevelle 3.8 300 Deluxe	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60				
Chevelle 3.8 Concours	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60				
Chevelle 3.8 Greenbrier	01.69-	110215#	14	90	01.69-	110217		
	01.69-	110075	14	60				
Chevelle 3.8 Malibu	01.68- 01.69	110215#	14	90	01.68- 01.69	110217		
	01.68- 01.69	110075	14	60				
Chevelle 3.8 Nomad	01.68- 01.69	110215#	14	90	01.68- 01.69	110217		
	01.68- 01.69	110075	14	60				
Chevelle 4.1	01.67- 01.71	110215#	14	90	01.67- 01.71	110217		
	01.67- 01.71	110075	14	60				
	01.72-	110233	14	63				
	01.72-	110505	14	75				
Chevelle 4.1 300	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60				
Chevelle 4.1 300 Deluxe	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60				
Chevelle 4.1 Concours	01.68- 01.71	110215#	14	90	01.68- 01.71	110217		
	01.68- 01.71	110075	14	60				
Chevelle 4.1 Deluxe	01.73-	110505	14	75	01.73-	110217		
Chevelle 4.1 Greenbrier	01.69- 01.71	110215#	14	90	01.69- 01.71	110217		
	01.69- 01.71	110075	14	60				
Chevelle 4.1 Malibu	01.72-	110233	14	63	01.68- 01.71	110217		
	01.72- 01.72	110505	14	75				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Chevelle 4.1 Nomad	01.72-	110233	14	63	01.68- 01.71	110217		
	01.72- 01.72	110505	14	75				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Chevelle 4.6	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
	01.64- 01.67	110075	14	60				
Chevelle 5.0	01.93- 01.96	112639	14	100/105	01.70-	110217		
	01.72-	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.70-	110215#	14	90				
	01.70-	110075	14	60				
Chevelle 5.0 300	01.68-	110215#	14	90	01.68-	110217		
	01.93- 01.96	112639	14	100/105				
	01.68-	110075	14	60				
Chevelle 5.0 300 Deluxe	01.69-	110215#	14	90	01.69-	110217		
	01.93- 01.96	112639	14	100/105				
	01.69-	110075	14	60				
Chevelle 5.0 Concours	01.93- 01.96	112639	14	100/105	01.69-	110217		
	01.72-	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.69-	110215#	14	90				
	01.69-	110075	14	60				
Chevelle 5.0 Deluxe	01.93- 01.96	112639	14	100/105	01.73-	110217		
	01.73-	110505	14	75				
Chevelle 5.0 Greenbrier	01.93- 01.96	112639	14	100/105	01.69-	110217		
	01.72-	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.69-	110215#	14	90				
	01.69-	110075	14	60				
Chevelle 5.0 Malibu	01.93- 01.96	112639	14	100/105	01.68-	110217		
	01.72-	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.68-	110215#	14	90				
	01.68-	110075	14	60				
Chevelle 5.0 Nomad	01.93- 01.96	112639	14	100/105	01.68-	110217		
	01.72-	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.68-	110215#	14	90				
	01.68-	110075	14	60				
Chevelle 5.4	01.64- 01.67	110215#	14	90	01.64- 01.67	111258	12	
	01.64- 01.67	110075	14	60	01.64- 01.67	110217		
Chevelle 5.4 300	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60	01.68-	111258	12	
Chevelle 5.4 Malibu	01.68-	110215#	14	90	01.68-	111258	12	
	01.68-	110075	14	60	01.68-	110217		
Chevelle 5.4 Nomad	01.68-	110215#	14	90	01.68-	111258	12	
	01.68-	110075	14	60	01.68-	110217		
Chevelle 5.7	01.93- 01.96	112639	14	100/105	01.70- 01.71	111258	12	
	01.72-	110233	14	63	01.70- 01.71	110216	12	1.4
	01.72- 01.72	110505	14	75	01.70- 01.71	111277	12	
	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
Chevelle 5.7 300 Deluxe	01.69-	110215#	14	90	01.69-	111258	12	
	01.93- 01.96	112639	14	100/105	01.69-	110217		
	01.69-	110075	14	60				
Chevelle 5.7 Concours	01.93- 01.96	112639	14	100/105	01.72-	110216	12	1.4
	01.72-	110233	14	63	01.69- 01.71	111258	12	
	01.72- 01.72	110505	14	75	01.69- 01.71	110217		
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
Chevelle 5.7 Deluxe	01.93- 01.96	112639	14	100/105	01.73-	111258	12	
	01.73-	110505	14	75	01.73-	110216	12	1.4





Chevelle 5.7 Greenbrier	01.93- 01.96	112639	14	100/105	01.72-	110216	12	1.4
	01.72-	110233	14	63	01.69- 01.71	111258	12	
	01.72- 01.72	110505	14	75	01.78- 01.78	110414	12	
	01.69- 01.71	110215#	14	90	01.69- 01.71	110217		
	01.69- 01.71	110075	14	60				
Chevelle 5.7 Malibu	01.93- 01.96	112639	14	100/105	01.72-	110216	12	1.4
	01.72-	110233	14	63	01.69- 01.71	111258	12	
	01.72- 01.72	110505	14	75	01.69- 01.71	110217		
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
Chevelle 5.7 Nomad	01.93- 01.96	112639	14	100/105	01.69- 01.71	111258	12	
	01.72-	110233	14	63	01.72-	110216	12	1.4
	01.72- 01.72	110505	14	75	01.69- 01.71	110217		
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
Chevelle 6.5	01.67- 01.67	110505	14	75	01.67-	111277	12	
	01.67- 01.67	110235	14	80				
	01.67- 01.67	110075	14	60				
Chevelle 6.5 300	01.68-	110215#	14	90	01.68-	111277	12	
	01.68-	110075	14	60				
Chevelle 6.5 300 Deluxe	01.69-	110215#	14	90	01.69-	111277	12	
	01.69-	110075	14	60				
Chevelle 6.5 Concours	01.69-	110075	14	60	01.69-	111277	12	
	01.69-	110215#	14	90				
Chevelle 6.5 Greenbrier	01.69-	110215#	14	90	01.69-	111277	12	
	01.69-	110075	14	60				
Chevelle 6.5 Malibu	01.68- 01.69	110215#	14	90	01.68- 01.69	111277	12	
	01.68- 01.69	110075	14	60				
Chevelle 6.5 Nomad	01.68- 01.69	110215#	14	90	01.68- 01.69	111277	12	
	01.68- 01.69	110075	14	60				
Chevelle 6.5 SS	01.66- 01.68	110215#	14	90	01.66- 01.68	111277	12	
	01.66- 01.68	110075	14	60				
Chevelle 6.6	01.72-	110233	14	63	01.70-	111277	12	
	01.72- 01.72	110505	14	75	01.70-	110216	12	1.4
	01.70-	110215#	14	90	01.70-	111258	12	
	01.70-	110075	14	60				
Chevelle 6.6 Concours	01.72-	110233	14	63	01.70-	110216	12	1.4
	01.72- 01.72	110505	14	75	01.70-	111277	12	
	01.70-	110215#	14	90	01.70-	111258	12	
	01.70-	110075	14	60				
Chevelle 6.6 Greenbrier	01.72-	110233	14	63	01.70-	111277	12	
	01.72- 01.72	110505	14	75	01.70-	110216	12	1.4
	01.70-	110215#	14	90	01.70-	111258	12	
	01.70-	110075	14	60				
Chevelle 6.6 Malibu	01.72-	110233	14	63	01.70- 01.71	110216	12	1.4
	01.72-	110505	14	75	01.70-	111277	12	
	01.70- 01.71	110215#	14	90	01.70- 01.71	111258	12	
	01.70- 01.71	110075	14	60				
Chevelle 6.6 Nomad	01.72-	110233	14	63	01.70-	110216	12	1.4
	01.72- 01.72	110505	14	75	01.70-	111277	12	
	01.70-	110215#	14	90	01.70-	111258	12	
	01.70-	110075	14	60				
Chevelle 6.6 SS	01.71- 01.71	110215#	14	90				
	01.71- 01.71	110075	14	60				
Chevelle 7.4	01.93- 01.96	112639	14	100/105	01.72-	111277	12	
	01.72-	110233	14	63	01.72-	110216	12	1.4
	01.72- 01.72	110505	14	75				
Chevelle 7.4 Deluxe	01.93- 01.96	112639	14	100/105	01.73-	110216	12	1.4
	01.73-	110505	14	75	01.73-	111277	12	
	01.73-	110075	14	60				
Chevelle 7.4 Malibu	01.93- 01.96	112639	14	100/105	01.70- 01.71	110216	12	1.4
	01.72-	110233	14	63	01.70- 01.71	111277	12	
	01.72- 01.72	110505	14	75				
	01.70- 01.71	110215#	14	90				
Chevy 2.5	01.62- 01.67	110215#	14	90	01.62-	110217		
	01.62- 01.67	110075	14	60				
	01.68-	110215#	14	90	01.68-	110217		
Chevy 2.5 Nova	01.68-	110075	14	60				
	01.62- 01.67	110215#	14	90	01.62-	110217		
Chevy 3.2	01.62- 01.67	110075	14	60				
	01.62- 01.67	110215#	14	90	01.62-	110217		
Chevy 3.8	01.64- 01.66	110215#	14	90	01.64-	110217		
	01.64- 01.66	110075	14	60				
Chevy 3.8 Nova	01.68- 01.69	110215#	14	90	01.68-	110217		
	01.68- 01.69	110075	14	60				
Chevy 4.1	01.67- 01.67	110215#	14	90	01.67-	110217		
	01.67- 01.67	110075	14	60				
Chevy 4.1 Nova	01.68- 01.69	110215#	14	90	01.68-	110217		
	01.68- 01.69	110075	14	60				
Chevy 4.6	01.62- 01.67	110215#	14	90	01.62-	110217		
	01.62- 01.67	110075	14	60				
Chevy 5.0 Nova	01.68-	110215#	14	90	01.68-	110217		
	01.93- 01.96	112639	14	100/105				
	01.68-	110075	14	60				
Chevy 5.4	01.65- 01.67	110215#	14	90	01.65-	110217		
	01.65- 01.67	110075	14	60				
Chevy 5.4 Nova	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60				
Chevy 5.7 Nova	01.68-	110215#	14	90	01.68-	110217		
	01.93- 01.96	112639	14	100/105	01.69-	111258	12	
	01.68-	110075	14	60				
Chevy 6.5 Nova	01.68- 01.69	110215#	14	90	01.68- 01.69	111277	12	
	01.68- 01.71	110075	14	60				
	01.68- 01.69	110215#	14	90				
Citation 2.5	01.80- 01.83	110505	14	75	01.80-	110221	12	1.2
	01.83-	110471	14	94				
	01.80- 01.83	110235	14	80				
Citation 2.8	01.83- 01.85	110508	14	78	01.80- 01.85	110221	12	1.2
	01.85-	110471	14	94	01.83- 01.84	112911	12	1.6
	01.80- 01.85	110505	14	75				
	01.80- 01.85	110235	14	80				
Corsica 2.0	01.87- 01.89	110503	14	100/105	01.87-	112911	12	1.6
Corsica 2.2	01.96-	112616#	14	105	01.94- 01.95	112911	12	1.6
Corsica 2.2 LT	01.94- 01.95	110500	14	100/105				
	01.93-	110500	14	100/105	01.90- 01.91	112911	12	1.6
Corsica 2.8	01.90- 01.91	110503	14	100/105				
	01.87- 01.89	111388	14	100/105	01.87- 01.89	110221	12	1.2
Corsica 2.8 LTZ	01.87- 01.89	111388	14	100/105	01.87- 01.89	112911	12	1.6
	01.89-	110221	12	1.2	01.89-	112911	12	1.6
	01.89-	110075	14	60	01.94- 01.95	112911	12	1.6
Corsica 3.1	01.94- 01.96	112642#	14	100/105	01.94- 01.95	112911	12	1.6
Corsica 3.1 LT	01.90- 01.93	111388	14	100/105	01.90- 01.93	112911	12	1.6
Corsica 3.1 LTZ	01.90-	111388	14	100/105	01.90-	112911	12	1.6
Corvaire 2.7	01.64- 01.67	110215#	14	90				
	01.64- 01.67	110075	14	60				
Corvaire 2.7 500	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
Corvaire 2.7 Monza	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				

## STARTERS & ALTERNATORS

O. E.M. names and numbers are used for reference purposes only.



Application list

CHEVROLET Continued

Corvaire 2.7 Turbo	01.64-01.66	110215#	14	90				
	01.64-01.66	110075	14	60				
Corvette 3.9	01.55-01.55	110505	14	75				
Corvette 5.0	01.93-01.96	112639	14	100/105	01.80-	110216	12	1.4
	01.80-	110235	14	80				
	01.80-	110233	14	63				
	01.80-01.80	110505	14	75				
Corvette 5.4	01.63-01.67	110215#	14	90	01.62-01.67	110217		
	01.63-01.70	110075	14	60	01.63-01.67	111258	12	
Corvette 5.7	01.93-01.96	112639	14	100/105	01.97-01.03	112898	12	1.6
					01.92-01.96	112582#	12	1.5
					01.88-01.91	113103	12	1.4
	01.88-01.91	112449#	14	105	01.69-01.87	110217		
	01.88-01.91	112632#	14	100/105	01.72-01.81	110216	12	1.4
	01.88-01.91	111090	14	105	01.69-01.81	111258	12	
	01.84-01.87	110492	14	108				
	01.80-01.81	110235	14	80				
	01.69-01.81	110233	14	63				
	01.69-01.81	110505	14	75				
Corvette 5.7 Z06					01.01-01.03	112898	12	1.6
Corvette 5.7 ZR-1	01.93-01.95	112639	14	100/105	01.90-01.91	113103	12	1.4
					01.90-01.95	112582#	12	1.5
Corvette 7.0	01.66-01.67	110215#	14	90	01.66-01.69	111277	12	
	01.66-01.67	110075	14	60	01.66-01.69	110217		
	01.68-01.69	110505	14	75				
Corvette 7.4	01.70-01.74	110233	14	63	01.70-01.74	110216	12	1.4
	01.70-01.74	110505	14	75	01.70-01.74	111258	12	
	01.93-01.96	112639	14	100/105				
Del Ray 3.9					01.58-01.58	111258	12	
Del Ray 4.6					01.58-01.58	111258	12	
Del Ray 5.7					01.58-01.58	111258	12	
El Camino 3.3	01.78-01.79	110233	14	63	01.78-01.79	110414	12	
	01.78-01.79	110505	14	75				
El Camino 3.8	01.80-01.84	110233	14	63	01.64-01.84	110217		
	01.80-01.84	110235	14	80	01.80-01.82	110414	12	
	01.78-01.84	110505	14	75				
	01.80-01.82	110234	14	80				
	01.64-01.69	110215#	14	90				
	01.64-01.69	110075	14	60				
El Camino 3.8 Custom	01.68-01.69	110215#	14	90	01.68-01.69	110217		
	01.68-01.69	110075	14	60				
El Camino 4.1	01.72-01.77	110505	14	75	01.68-01.77	110217		
	01.72-01.77	110233	14	63	01.75-01.77	110216	12	1.4
	01.68-01.71	110215#	14	90				
	01.68-01.71	110075	14	60				
El Camino 4.1 Custom	01.72-	110233	14	63	01.68-01.73	110217		
	01.72-01.73	110505	14	75				
	01.68-01.71	110215#	14	90				
	01.68-01.71	110075	14	60				
El Camino 4.3	01.85-01.87	110233	14	63	01.85-01.87	110217		
	01.85-01.87	110471	14	94				
El Camino 4.4	01.79-01.82	110234	14	80	01.79-01.82	110414	12	
	01.79-01.82	110505	14	75				
El Camino 4.6	01.64-01.67	110215#	14	90	01.64-01.67	110217		
	01.64-01.67	110075	14	60				
El Camino 5.0	01.68-01.71	110215#	14	90	01.68-01.73	110217		
	01.68-01.71	110075	14	60	01.79-01.87	110414	12	
	01.76-01.87	110234	14	80	01.76-01.78	110798	12	1.5
	01.72-01.87	110505	14	75	01.76-01.78	110216	12	1.4
	01.93-01.96	112639	14	100/105				
	01.72-	110233	14	63				
El Camino 5.0 Custom	01.72-01.72	110505	14	75	01.68-01.72	110217		
	01.68-01.70	110215#	14	90				
	01.68-01.70	110075	14	60				
	01.93-01.96	112639	14	100/105				
	01.72-01.72	110233	14	63				
El Camino 5.4	01.64-01.67	110215#	14	90	01.64-01.67	111258	12	
	01.64-01.67	110075	14	60	01.64-01.67	110217		
El Camino 5.4 Custom	01.68-	110215#	14	90	01.68-	110217		
	01.68-	110075	14	60	01.68-	111258	12	
El Camino 5.7	01.93-01.96	112639	14	100/105	01.72-01.79	110216	12	1.4
	01.72-01.79	110505	14	75	01.69-01.79	111258	12	
	01.72-01.75	110233	14	63	01.69-01.71	110217		
	01.69-01.71	110215#	14	90				
	01.69-01.71	110075	14	60				
El Camino 5.7 Custom	01.72-01.76	110505	14	75	01.72-01.76	110216	12	1.4
	01.93-01.96	112639	14	100/105	01.69-01.76	111258	12	
	01.72-01.75	110233	14	63	01.69-01.71	110217		
	01.69-01.71	110215#	14	90				
	01.69-01.71	110075	14	60				
El Camino 5.7	01.93-01.96	112639	14	100/105				
	01.83-	110471	14	94				
	01.83-	110508	14	78				
	01.83-	110505	14	75				
	01.83-	110235	14	80				
El Camino 6.5	01.66-01.67	110215#	14	90				
	01.66-01.67	110075	14	60				
	01.93-01.96	112639	14	100/105				
El Camino 6.5 Custom	01.69-	110215#	14	90				
	01.69-	110075	14	60				
El Camino 6.6	01.72-01.72	110233	14	63	01.70-01.76	110216	12	1.4
	01.72-01.76	110505	14	75	01.70-01.76	111258	12	
	01.70-01.71	110215#	14	90	01.71-01.72	111277	12	
	01.70-01.71	110075	14	60				
El Camino 6.6 Custom	01.72-01.76	110505	14	75	01.70-01.76	110216	12	1.4
	01.72-	110233	14	63	01.70-01.76	111258	12	
	01.70-	110215#	14	90	01.71-	111277	12	
	01.70-	110075	14	60				
El Camino 7.4	01.73-01.74	110505	14	75	01.70-01.74	110216	12	1.4
	01.70-	110215#	14	90	01.70-01.74	111258	12	
	01.93-01.96	112639	14	100/105				
	01.70-	110075	14	60				
El Camino 7.4 Custom	01.72-01.75	110505	14	75	01.70-01.75	110216	12	1.4
	01.93-01.96	112639	14	100/105	01.70-01.75	111258	12	
	01.72-	110233	14	63				
	01.70-01.71	110215#	14	90				
	01.70-01.71	110075	14	60				
Express 4.3 1500	01.01-01.02	112853	14	130	01.99-01.02	112241	12	1.5
	01.99-01.00	112893	14	140	01.99-01.00	112912	12	1.6
Express 4.3 2500	01.01-01.02	112853	14	130	01.99-01.02	112241	12	1.5
	01.99-01.00	112893	14	140	01.99-01.00	112912	12	1.6
Express 4.8 2500	01.03-	112853	14	130				
Express 5.0 1500	01.02-01.02	112853	14	130	01.99-01.02	112240	12	1.7
	01.99-01.01	112893	14	140				
Express 5.0 2500	01.02-01.02	112853	14	130	01.99-01.02	112240	12	1.7
	01.99-01.01	112893	14	140				
Express 5.3 1500	01.03-	112853	14	130				
Express 5.3 2500	01.03-	112853	14	130				



Express 5.7 1500	01.02- 01.02	112853	14	130						01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140									
Express 5.7 2500	01.02- 01.02	112853	14	130						01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140									
Express 5.7 3500	01.02- 01.02	112853	14	130						01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140									
Express 6.0 2500	01.03-	112853	14	130									
	01.03-	112853	14	130									
Express 6.0 3500	01.99- 01.02	112893	14	140						01.99- 01.02	112341	12	2.5
	01.99- 01.02	112893	14	140						01.99- 01.02	112341	12	2.5
Express 6.5 Turbo 2500	01.99- 01.00	112893	14	140						01.99- 01.00	112240	12	1.7
Express 7.4 3500	01.01- 01.02	112853	14	130						01.01- 01.02	112240	12	1.7
Express 8.1 3500	01.01- 01.02	112853	14	130									
	01.01- 01.02	112853	14	130									
G10 2.5	01.64- 01.65	110215#	14	90									
	01.64- 01.65	110075	14	60									
G10 3.8	01.66- 01.67	110215#	14	90						01.66- 01.67	110217		
	01.66- 01.67	110075	14	60									
G10 3.8 Sportvan	01.68- 01.69	110215#	14	90						01.68- 01.69	110217		
	01.68- 01.69	110075	14	60									
G10 4.1	01.67- 01.71	110215#	14	90						01.67- 01.75	110217		
	01.67- 01.71	110075	14	60						01.76- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63						01.73- 01.75	110798	12	1.5
	01.72- 01.84	110505	14	75									
G10 4.1 Sportvan	01.68- 01.71	110215#	14	90						01.68- 01.75	110217		
	01.68- 01.71	110075	14	60						01.76- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63						01.73- 01.75	110798	12	1.5
	01.72- 01.84	110505	14	75									
G10 4.3	01.91-	112627	14	100/105						01.91- 01.97	111034	12	1.2
	01.91-	112629	14	100/105						01.85- 01.90	110216	12	1.4
	01.96- 01.97	112893	14	140									
	01.87- 01.95	112640	14	100/105									
	01.87- 01.95	110500	14	100/105									
	01.87- 01.90	110471	14	94									
	01.85- 01.90	110233	14	63									
	01.85- 01.90	110505	14	75									
G10 4.3 Express	01.91-	112627	14	100/105						01.96- 01.97	111034	12	1.2
	01.91-	112629	14	100/105									
	01.96-	111712	14	105									
	01.94- 01.96	112639	14	100/105									
G10 4.3 Sportvan	01.96- 01.97	112893	14	140									
	01.91-	112627	14	100/105						01.91- 01.93	111034	12	1.2
	01.91-	112629	14	100/105						01.85- 01.90	110216	12	1.4
	01.87- 01.93	112640	14	100/105									
	01.87- 01.93	110500	14	100/105									
	01.87- 01.90	110471	14	94									
	01.85- 01.90	110233	14	63									
G10 5.0	01.69- 01.69	110215#	14	90						01.69- 01.69	111258	12	
	01.69- 01.69	110075	14	60						01.96- 01.97	111034	12	1.2
	01.93- 01.96	112639	14	100/105						01.70- 01.95	110216	12	1.4
	01.87- 01.95	110471	14	94						01.70-	110217		
	01.87- 01.95	112640	14	100/105						01.73-	110798	12	1.5
	01.87- 01.95	110500	14	100/105									
	01.72- 01.86	110505	14	75									
G10 5.0 Express	01.72-	110233	14	63									
	01.96-	111712	14	105						01.96- 01.97	111034	12	1.2
G10 5.0 Sportvan	01.68- 01.71	110215#	14	90						01.68- 01.71	111258	12	
	01.68- 01.71	110075	14	60						01.70- 01.93	110216	12	1.4
	01.87- 01.93	110471	14	94						01.70- 01.71	110217		
	01.87- 01.93	112640	14	100/105						01.73-	110798	12	1.5
	01.87- 01.93	110500	14	100/105									
	01.72- 01.86	110505	14	75									
	01.93- 01.96	112639	14	100/105									
	01.72-	110233	14	63									
G10 5.7	01.87- 01.91	112627	14	100/105						01.72- 01.95	110216	12	1.4
	01.87- 01.91	112629	14	100/105						01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105						01.70- 01.72	111258	12	
	01.94- 01.95	111711	14	105									
	01.72- 01.72	110233	14	63									
	01.72- 01.84	110505	14	75									
	01.70- 01.71	110215#	14	90									
	01.70- 01.71	110075	14	60									
G10 5.7 Express	01.96- 01.97	112893	14	140									
	01.80-	110234	14	80									
	01.87- 01.91	112627	14	100/105						01.96- 01.97	112240	12	1.7
	01.87- 01.91	112629	14	100/105									
	01.96- 12.96	112639	14	100/105									
G10 5.7 Sportvan	01.96- 01.97	112893	14	140									
	01.87- 01.91	112627	14	100/105						01.72- 01.93	110216	12	1.4
	01.87- 01.91	112629	14	100/105						01.70- 01.72	111258	12	
	01.72- 01.72	110233	14	63									
	01.72- 01.86	110505	14	75									
	01.87- 01.93	110500	14	100/105									
	01.85- 01.86	110471	14	94									
	01.93- 01.96	112639	14	100/105									
G10 7.4	01.87- 01.93	112640	14	100/105									
	01.70- 01.71	110215#	14	90									
	01.70- 01.71	110075	14	60									
	01.73- 01.74	110505	14	75						01.73- 01.74	110216	12	1.4
G1500 4.3	01.91-	112627	14	100/105						01.98- 01.98	112912	12	1.6
	01.91-	112629	14	100/105									
G1500 5.0	01.98- 01.98	112893	14	140									
	01.98- 01.98	112893	14	140						01.98- 01.98	112912	12	1.6
G1500 5.7	01.87- 01.91	112627	14	100/105						01.94- 01.98	112240	12	1.7
	01.87- 01.91	112629	14	100/105									
G20 3.8	01.98- 01.98	112893	14	140									
	01.67- 01.69	110215#	14	90						01.67- 01.69	110217		
	01.67- 01.69	110075	14	60									
G20 3.8 Sportvan	01.68- 01.69	110215#	14	90						01.68- 01.69	110217		
	01.68- 01.69	110075	14	60									
G20 4.1	01.68- 01.71	110075	14	60						01.68- 01.75	110217		
	01.72- 01.72	110233	14	63						01.77- 01.84	110216	12	1.4
	01.72- 01.84	110505	14	75						01.73- 01.75	110798	12	1.5
G20 4.1 Sportvan	01.68- 01.71	110215#	14	90									
	01.72- 01.72	110233	14	63						01.68- 01.74	110217		
	01.72- 01.84	110505	14	75						01.78- 01.84	110216	12	1.4
	01.68- 01.71	110215#	14	90						01.73- 01.74	110798	12	1.5
G20 4.3	01.68- 01.71	110075	14	60									
	01.91-	112627	14	100/105						01.91- 01.97	111034	12	1.2
	01.91-	112629	14	100/105						01.85- 01.90	110216	12	1.4
	01.96- 01.97	112893	14	140									
	01.93- 01.95	112639	14	100/105									

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





CHEVROLET Continued

Application list

		01.87- 01.95	110500	14	100/105				
		01.85- 01.90	110233	14	63				
		01.87- 01.90	110471	14	94				
		01.85- 01.90	110505	14	75				
G20 4.3 Sportvan		01.91- 01.96	112627	14	100/105	01.91- 01.95	111034	12	1.2
		01.91- 01.96	112629	14	100/105	01.85- 01.90	110216	12	1.4
		01.93- 01.95	112639	14	100/105				
		01.87- 01.95	112640	14	100/105				
		01.87- 01.95	110500	14	100/105				
		01.87- 01.90	110471	14	94				
		01.85- 01.90	110233	14	63				
		01.85- 01.90	110505	14	75				
G20 4.8		01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
G20 4.8 Sportvan		01.75- 01.78	110505	14	75	01.75- 01.78	110216	12	1.4
G20 4.8		01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
G20 5.0		01.68- 01.69	110215#	14	90	01.97- 01.97	112912	12	1.6
		01.68- 01.69	110075	14	60	01.96- 01.96	111034	12	1.2
		01.93- 01.96	112639	14	100/105	01.68- 01.69	111258	12	
		01.87- 01.95	112640	14	100/105	01.77- 01.95	110216	12	1.4
		01.87- 01.95	110500	14	100/105				
		01.77- 01.86	110505	14	75				
		01.96- 01.97	112893	14	140				
G20 5.0 Express		01.96- 01.97	112893	14	140	01.96- 01.97	111034	12	1.2
G20 5.0 Sportvan		01.68- 01.69	110215#	14	90	01.68- 01.69	111258	12	
		01.68- 01.69	110075	14	60	01.77- 01.95	110216	12	1.4
		01.93- 01.96	112639	14	100/105				
		01.87- 01.95	110500	14	100/105				
		01.87- 01.95	112640	14	100/105				
		01.77- 01.86	110505	14	75				
		01.83- 01.86	110471	14	94				
G20 5.7		01.87- 01.91	112627	14	100/105	01.72- 01.95	110216	12	1.4
		01.87- 01.91	112629	14	100/105	01.70- 01.72	111258	12	
		01.93- 01.96	112639	14	100/105	01.96- 01.97	112240	12	1.7
		01.96- 01.97	112893	14	140				
		01.87- 01.95	110500	14	100/105				
		01.87- 01.95	112640	14	100/105				
		01.72- 01.86	110505	14	75				
		01.72- 01.72	110233	14	63				
		01.70- 01.71	110215#	14	90				
		01.70- 01.71	110075	14	60				
G20 5.7 Express		01.87- 01.91	112627	14	100/105	01.96- 01.97	112240	12	1.7
		01.87- 01.91	112629	14	100/105				
		01.96- 01.96	112639	14	100/105				
		01.96- 01.97	112893	14	140				
G20 5.7 Sportvan		01.87- 01.91	112627	14	100/105	01.72- 01.95	110216	12	1.4
		01.87- 01.91	112629	14	100/105	01.70- 01.72	111258	12	
		01.93- 01.96	112639	14	100/105				
		01.87- 01.95	112640	14	100/105				
		01.87- 01.95	110500	14	100/105				
		01.84- 01.86	112621#	14	100/105				
		01.84- 01.86	112448	14	100				
		01.84- 01.86	112624						
		01.72- 01.86	110505	14	75				
		01.84- 01.86	110499	14	100/105				
		01.84- 01.86	110508	14	78				
		01.72- 01.72	110233	14	63				
		01.70- 01.71	110215#	14	90				
		01.70- 01.71	110075	14	60				
G20 5.7		01.74- 01.74	110505	14	75				
		01.87- 01.91	112627	14	100/105				
		01.87- 01.91	112629	14	100/105				
		01.93- 01.96	112639	14	100/105				
G20 6.2		01.83- 01.93	110233	14	63	01.83- 01.87	111256		
		01.83- 01.93	110505	14	75				
G20 6.2 Sportvan		01.83- 01.93	110233	14	63	01.83- 01.87	111256		
		01.83- 01.93	110505	14	75				
G20 6.5		01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5
		01.94- 01.95	110500	14	100/105				
G20 6.5 Sportvan		01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5
		01.94- 01.95	110500	14	100/105				
G20 6.5 Turbo		01.96- 01.96	112639	14	100/105	01.96- 01.97	112341	12	2.5
		01.96- 01.97	112893	14	140				
G20 6.5 Turbo Express		01.97- 01.97	112893	14	140	01.97- 01.97	112341	12	2.5
G20 6.6		01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G20 6.6 Sportvan		01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G20 7.4		01.93- 01.96	112639	14	100/105	01.73- 01.74	110216	12	1.4
		01.73- 01.74	110505	14	75				
G2500 4.3		01.91- 01.91	112627	14	100/105	01.98- 01.98	112912	12	1.6
		01.91- 01.91	112629	14	100/105				
		01.98- 01.98	112893	14	140				
G2500 5.0		01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
G2500 5.7		01.87- 01.91	112627	14	100/105	01.98- 01.98	112240	12	1.7
		01.87- 01.91	112629	14	100/105				
		01.98- 01.98	112893	14	140				
G2500 6.5 Turbo		01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
G30 4.1		01.71- 01.71	110215#	14	90	01.71- 01.74	110217		
		01.71- 01.71	110075	14	60	01.76- 01.84	110216	12	1.4
		01.72- 01.72	110233	14	63	01.73- 01.74	110798	12	1.5
		01.72- 01.84	110505	14	75				
G30 4.1 Sportvan		01.71- 01.71	110215#	14	90	01.71- 01.74	110217		
		01.71- 01.71	110075	14	60	01.73- 01.74	110798	12	1.5
		01.72- 01.72	110233	14	63				
		01.72- 01.74	110505	14	75				
G30 4.3		01.91- 01.91	112627	14	100/105	01.91- 01.95	111034	12	1.2
		01.91- 01.91	112629	14	100/105	01.85- 01.90	110216	12	1.4
		01.96- 01.96	111711	14	105				
		01.93- 01.95	112639	14	100/105				
		01.87- 01.95	112640	14	100/105				
		01.87- 01.95	110500	14	100/105				
		01.85- 01.90	110233	14	63				
		01.87- 01.90	110471	14	94				
		01.85- 01.90	110505	14	75				
G30 4.8		01.74- 01.79	110505	14	75	01.74- 01.79	110216	12	1.4
G30 4.8 Sportvan		01.75- 01.78	110505	14	75	01.75- 01.78	110216	12	1.4
G30 4.8		01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
G30 5.0		01.78- 01.85	110505	14	75	01.78- 01.85	110216	12	1.4
		01.93- 01.96	112639	14	100/105				



G30 5.7	01.71- 01.71	110215#	14	90	01.71- 01.72	111258	12	
	01.87- 01.91	112627	14	100/105	01.72- 01.96	110216	12 1.4	
	01.87- 01.91	112629	14	100/105	01.96- 01.97	112240	12 1.7	
	01.71- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63				
	01.72- 01.88	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.96- 01.97	112893	14	140				
	01.87- 01.96	112640	14	100/105				
	01.87- 01.96	110500	14	100/105				
G30 5.7 Express	01.87- 01.91	112627	14	100/105	01.96- 01.97	112240	12 1.7	
	01.87- 01.91	112629	14	100/105				
	01.96- 01.96	112639	14	100/105				
G30 5.7 Sportvan	01.96- 01.97	112893	14	140				
	01.87- 01.91	112627	14	100/105	01.72- 01.96	110216	12 1.4	
	01.81- 01.91	112629	14	100/105	01.71- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.72- 01.86	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.87- 01.96	112640	14	100/105				
	01.87- 01.96	110500	14	100/105				
		01.71-	110215#	14	90			
		01.71-	110075	14	60			
G30 6.2	01.92- 01.92	110984	14	100/105	01.92- 01.92	112341	12 2.5	
	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G30 6.2 Sportvan	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G30 6.5	01.94- 01.96	112639	14	100/105	01.94- 01.95	112341	12 2.5	
	01.94- 01.95	110500	14	100/105				
G30 6.5 Sportvan	01.94- 01.96	112639	14	100/105	01.94- 01.95	112341	12 2.5	
	01.94- 01.95	110500	14	100/105				
G30 6.5 Turbo	01.96- 01.96	112639	14	100/105	01.96- 01.97	112341	12 2.5	
	01.96- 01.97	112893	14	140				
G30 6.5 Turbo Express	01.96- 01.96	112639	14	100/105	01.96- 01.97	112341	12 2.5	
	01.96- 01.97	112893	14	140				
G30 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12 1.4	
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12 1.4	
G30 6.6 Sportvan					01.96-	112240	12 1.7	
					01.73- 01.95	110216	12 1.4	
	01.97-	112893	14	140				
	01.93- 01.96	112639	14	100/105				
	01.96-	111711	14	105				
G30 7.4	01.88- 01.95	110984	14	100/105				
	01.73- 01.75	110505	14	75				
G30 7.4 Express	01.96- 01.96	112639	14	100/105	01.96- 01.97	112240	12 1.7	
	01.96- 01.97	112893	14	140				
G30 7.4 Sportvan	01.93- 01.96	112639	14	100/105	01.96-	112240	12 1.7	
					01.88- 01.95	110216	12 1.4	
	01.96-	111711	14	105				
G3500 5.7	01.88- 01.95	110984	14	100/105				
	01.87- 01.91	112627	14	100/105	01.96- 01.98	112240	12 1.7	
	01.87- 01.91	112629	14	100/105				
G3500 6.5 Turbo								
	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12 2.5	
	01.98- 01.98	112893	14	140	01.98- 01.98	112240	12 1.7	
G3500 7.4								
	01.98- 01.98	112893	14	140				
Impala 3.4								
	01.02- 01.03	114140	14	105	01.00- 01.00	112900	12 1.4	
Impala 3.8 [L67]					01.04- 05.05	112901#	12 1.5	
					01.04-	112901#	12 1.5	
	01.63- 01.65	110215#	14	90	01.00- 01.03	112903#	12 1.4	
	01.63- 01.65	110075	14	60	01.00- 01.02	112900	12 1.4	
	01.80- 01.84	110505	14	75	01.63- 01.84	110217		
	01.85-	110508	14	78	01.80- 01.84	110414	12	
	01.83- 01.84	110471	14	94				
	01.80- 01.84	110233	14	63				
	01.80- 01.84	110235	14	80				
					01.04-	112901#	12 1.5	
Impala 3.8 LS					01.00- 01.03	112903#	12 1.4	
					01.04-	112901#	12 1.5	
Impala 3.8 Super SS								
					01.65- 01.79	110217		
Impala 4.1	01.65- 01.71	110215#	14	90				
	01.65- 01.71	110075	14	60				
	01.72- 01.79	110233	14	63				
	01.72- 01.79	110505	14	75				
Impala 4.1 Custom	01.77-	110505	14	75	01.77-	110217		
Impala 4.3	01.93- 01.96	112639	14	100/105	01.85-	110217		
	01.85-	110233	14	63				
	01.85-	110471	14	94				
	01.85-	110492	14	108				
	01.85- 01.85	110505	14	75				
Impala 4.4	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
	01.80- 01.82	110235	14	80				
Impala 4.6	01.63- 01.67	110215#	14	90	01.63- 01.67	110217		
	01.63- 01.67	110075	14	60				
Impala 5.0	01.77- 01.85	110505	14	75	01.77- 01.85	110216	12 1.4	
	01.80- 01.85	110235	14	80	01.80- 01.85	110414	12	
	01.93- 01.96	112639	14	100/105	01.68-	111258	12	
	01.79-	110234	14	80	01.68-	110217		
	01.68-	110215#	14	90				
Impala 5.0 Custom	01.68-	110075	14	60				
	01.93- 01.96	112639	14	100/105	01.77-	110216	12 1.4	
	01.77-	110505	14	75				
Impala 5.4	01.63- 01.67	110215#	14	90	01.62- 01.67	110217		
	01.63- 01.67	110075	14	60	01.63- 01.67	111258	12	
Impala 5.7	01.83- 01.85	110471	14	94	01.59- 01.61	110798	12 1.5	
	01.72- 01.85	110505	14	75	01.72- 01.85	110216	12 1.4	
	01.93- 01.96	112639	14	100/105	01.69- 01.82	111258	12	
	01.72- 01.75	110233	14	63	01.69- 01.71	110217		
	01.69- 01.71	110215#	14	90				
Impala 5.7 Custom	01.69- 01.71	110075	14	60				
	01.93- 01.96	112639	14	100/105	01.76- 01.77	110216	12 1.4	
Impala 5.7 SS	01.76- 01.77	110505	14	75				
					01.94- 01.96	111040		
	01.94- 01.96	112639	14	100/105				
	01.94- 01.96	112638#	14	100/105				
	01.94- 01.96	111220	14	105				
Impala 5.7	01.94- 01.96	112884	14	140				
	01.83- 01.87	110471	14	94	01.80- 01.83	110220	12	
	01.84- 01.85	110508	14	78				
	01.80- 01.83	110505	14	75				
	01.80- 01.83	110235	14	80				



Application list

CHEVROLET Continued

Impala 6.5	01.66- 01.69	110215#	14	90	01.66- 01.69	111277	12
	01.66- 01.69	110075	14	60			
Impala 6.6	01.72- 01.76	110505	14	75	01.70- 01.76	111258	12
	01.72- 01.74	110233	14	63	01.70- 01.76	110216	12 1.4
Impala 6.6 Custom	01.70- 01.71	110215#	14	90			
	01.70- 01.71	110075	14	60			
Impala 6.7	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12 1.4
					01.76- 01.76	111258	12
Impala 7.0	01.62- 01.65	110215#	14	90	01.62- 01.65	111277	12
	01.63- 01.65	110075	14	60			
Impala 7.0	01.66- 01.69	110215#	14	90	01.66- 01.69	111277	12
	01.66- 01.69	110075	14	60			
Impala 7.4	01.93- 01.96	112639	14	100/105	01.70- 01.75	110216	12 1.4
	01.72- 01.75	110505	14	75	01.70- 01.75	111258	12
Impala 7.4 Custom	01.72-	110233	14	63			
	01.70- 01.71	110215#	14	90			
Impala 7.4 Custom	01.70- 01.71	110075	14	60			
	01.93- 01.96	112639	14	100/105	01.76-	111258	12
K10 3.8	01.76-	110505	14	75	01.76-	110216	12 1.4
	01.64- 01.69	110215#	14	90	01.64- 01.65	110217	
K10 4.1	01.64- 01.69	110075	14	60			
	01.66- 01.71	110215#	14	90	01.66- 01.75	110217	
K10 4.1 Suburban	01.66- 01.71	110075	14	60	01.73- 01.84	110216	12 1.4
	01.72- 01.72	110233	14	63			
K10 4.1 Suburban	01.72- 01.84	110505	14	75			
	01.68- 01.71	110215#	14	90	01.68- 01.75	110217	
K10 4.3	01.68- 01.71	110075	14	60	01.73- 01.80	110216	12 1.4
	01.72- 01.72	110233	14	63			
K10 4.3	01.72- 01.80	110505	14	75			
	01.80- 01.80	110234	14	80			
K10 4.6	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12 1.4
	01.85- 01.86	110505	14	75	01.85- 01.86	110217	
K10 4.8	01.63- 01.67	110215#	14	90	01.63- 01.67	110217	
	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12
K10 5.0	01.64- 01.66	110215#	14	90	01.75- 01.80	110216	12 1.4
	01.64- 01.66	110075	14	60			
K10 5.0 Suburban	01.75- 01.80	110505	14	75			
	01.85- 01.86	110471	14	94	01.68- 01.86	110217	
K10 5.0 Suburban	01.77- 01.86	110505	14	75	01.85- 01.86	111034	12 1.2
	01.68- 01.69	110215#	14	90	01.77- 01.86	110216	12 1.4
K10 5.4	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12
	01.72- 01.86	110505	14	75	01.76- 01.86	110216	12 1.4
K10 5.4 Suburban	01.83- 01.86	110471	14	94	01.68- 01.86	110217	
	01.80- 01.81	110234	14	80	01.85- 01.86	111034	12 1.2
K10 5.4	01.72- 01.72	110233	14	63	01.68- 01.71	111277	12
	01.68- 01.71	110215#	14	90			
K10 5.4 Suburban	01.68- 01.71	110075	14	60			
	01.62- 01.68	110215#	14	90	01.62- 01.68	111258	12
K10 5.7	01.62- 01.68	110075	14	60	01.62- 01.68	110217	
	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12
K10 5.7 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110217	
	01.87- 01.89	112627	14	100/105	01.82- 01.86	110217	
K10 5.7 Suburban	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12 1.4
	01.72- 01.86	110505	14	75	01.72- 01.72	111258	12
K10 6.2	01.84- 01.86	110471	14	94			
	01.80- 01.85	110234	14	80			
K10 6.2 Suburban	01.72- 01.72	110233	14	63			
	01.69- 01.71	110215#	14	90			
K10 6.2 Suburban	01.69- 01.71	110075	14	60			
	01.87- 01.89	112627	14	100/105	01.82- 01.86	110217	
K10 6.5	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12 1.4
	01.72- 01.86	110505	14	75	01.72- 01.72	111258	12
K10 6.5 Suburban	01.84- 01.86	110471	14	94			
	01.80- 01.81	110234	14	80			
K10 6.6	01.72- 01.72	110233	14	63			
	01.69- 01.71	110215#	14	90			
K10 6.6 Suburban	01.69- 01.71	110075	14	60			
	01.87- 01.89	112627	14	100/105	01.82- 01.86	110217	
K10 6.6 Suburban	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12 1.4
	01.72- 01.86	110505	14	75	01.72- 01.72	111258	12
K10 7.4	01.85- 01.86	110471	14	94			
	01.80- 01.81	110234	14	80			
K1500 4.3	01.72- 01.72	110233	14	63			
	01.69- 01.71	110215#	14	90			
K1500 5.0	01.69- 01.71	110075	14	60			
	01.96- 01.99	112893	14	140	01.96- 01.99	111034	12 1.2
K1500 5.0	01.82- 01.86	110233	14	63	01.88- 01.95	110217	
	01.85- 01.86	110471	14	94	01.88- 01.95	110216	12 1.4
K1500 5.7	01.85- 01.86	110492	14	108			
	01.82- 01.86	110505	14	75			
K1500 5.7	01.84- 01.86	110492	14	108			
	01.84- 01.86	110471	14	94			
K1500 5.7	01.82- 01.86	110233	14	63			
	01.82- 01.86	110505	14	75			
K1500 5.7	01.68- 01.69	110215#	14	90			
	01.68- 01.69	110075	14	60			
K1500 5.7	01.68- 01.68	110215#	14	90			
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12 1.4
K1500 5.7	01.80- 01.80	110234	14	80			
	01.70- 01.72	110215#	14	90	01.71- 01.71	111277	12
K1500 5.7	01.70- 01.72	110075	14	60	01.75- 01.79	110216	12 1.4
	01.75- 01.79	110505	14	75			
K1500 5.7	01.74- 01.80	110505	14	75	01.74- 01.80	110216	12 1.4
					01.88- 01.98	111034	12 1.2
K1500 5.7					01.88- 01.89	111040	
	01.93- 01.95	112639	14	100/105			
K1500 5.7	01.88- 01.95	110500	14	100/105			
	01.90- 01.95	112338	14	105			
K1500 5.7	01.88- 01.89	112640	14	100/105			
	01.96- 01.99	112893	14	140	01.96- 01.99	111034	12 1.2
K1500 5.7	01.93- 01.95	112639	14	100/105	01.88- 01.95	110217	
	01.88- 01.95	110500	14	100/105	01.88- 01.95	110216	12 1.4
K1500 5.7	01.88- 01.95	110500	14	100/105			
	01.88- 01.95	112640	14	100/105			
K1500 5.7	01.88- 01.95	110500	14	100/105			
	01.87- 01.89	112627	14	100/105	01.96- 01.99	112912	12 1.6
K1500 5.7	01.87- 01.89	112629	14	100/105	01.88- 01.95	110216	12 1.4
	01.93- 01.96	112639	14	100/105	01.88- 01.95	110217	
K1500 5.7							
	01.96- 01.99	112893	14	140			
K1500 5.7	01.92- 01.95	110500	14	100/105			
K1500 6.2	01.92- 01.95	112338	14	105			
	01.88- 01.93	110500	14	100/105			
K1500 6.5	01.88- 01.93	112640	14	100/105			
	01.94- 01.96	112639	14	100/105	01.94-	112341	12 2.5
K1500 6.5							
	01.94-	110500	14	100/105			
K1500 6.5 Turbo	01.94- 01.96	112639	14	100/105	01.94- 01.98	112341	12 2.5
	01.94- 01.98	110500	14	100/105			





K1500 6.5 Turbo Suburban	01.94- 01.96	112639	14	100/105	01.96- 01.99	112341	12	2.5
	01.96- 01.99	112893	14	140				
	01.94- 01.95	110500	14	100/105				
K20 3.8	01.64- 01.65	110215#	14	90	01.64- 01.65	110217		
	01.64- 01.65	110075	14	60				
K20 4.1	01.72- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.66- 01.71	110215#	14	90	01.66- 01.75	110217		
	01.66- 01.71	110075	14	60				
K20 4.1 Suburban	01.72- 01.72	110233	14	63				
	01.68- 01.71	110215#	14	90	01.68- 01.74	110217		
	01.68- 01.71	110075	14	60	01.73- 01.74	110216	12	1.4
	01.72- 01.72	110233	14	63				
K20 4.3	01.72- 01.74	110505	14	75				
	01.93- 01.96	112639	14	100/105	01.85-	110216	12	1.4
	01.85-	110233	14	63	01.85-	110217		
K20 4.6	01.85- 01.85	110505	14	75				
	01.63- 01.67	110215#	14	90	01.63- 01.67	110217		
	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
K20 4.8	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.64- 01.72	110215#	14	90	01.70- 01.72	110217		
K20 4.8 Suburban	01.64- 01.72	110075	14	60				
	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234	14	80	01.69- 01.72	110217		
K20 4.8	01.68- 01.72	110215#	14	90				
	01.68- 01.72	110075	14	60				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
	01.68- 01.69	110215#	14	90	01.68- 01.85	110217		
K20 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
	01.77- 01.85	110505	14	75	01.77- 01.85	110216	12	1.4
	01.85- 01.85	110471	14	94	01.85- 01.85	111034	12	1.2
K20 5.0 Suburban	01.80-	110234	14	80				
	01.72- 01.86	110505	14	75	01.77- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94	01.68- 01.86	110217		
	01.72- 01.72	110233	14	63	01.85- 01.86	111034	12	1.2
K20 5.4	01.68- 01.71	110215#	14	90	01.68- 01.71	111277	12	
	01.68- 01.71	110075	14	60				
	01.62- 01.68	110075	14	60	01.64- 01.68	111258	12	
	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12	
K20 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110217		
	01.68- 01.68	110075	14	60	01.68- 01.68	110217		
K20 5.7	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72-	111258	12	
	01.72- 01.86	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63				
K20 5.7 Suburban	01.64- 01.71	110215#	14	90				
	01.64- 01.71	110075	14	60				
	01.80- 01.86	110234	14	80				
	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.82- 01.86	110217		
K20 6.0	01.72- 01.86	110505	14	75	01.71- 01.72	111258	12	
	01.83- 01.86	110471	14	94				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
	01.80- 01.86	110234	14	80				
K20 6.2	01.72- 01.72	110233	14	63				
	01.66- 01.66	110215#	14	90				
K20 6.2 Suburban	01.66- 01.66	110075	14	60				
	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
K20 6.5	01.84- 01.86	110492	14	108				
	01.84- 01.86	110471	14	94				
	01.82- 01.86	110233	14	63				
K20 6.5	01.82- 01.86	110505	14	75				
	01.68- 01.69	110215#	14	90				
K20 6.6	01.68- 01.69	110075	14	60				
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
K20 6.6 Suburban	01.80- 01.80	110234	14	80				
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
K20 6.7	01.64- 01.65	110215#	14	90				
	01.64- 01.65	110075	14	60				
K20 7.4	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.85- 01.85	110233	14	63	01.73- 01.85	110216	12	1.4
	01.85- 01.85	110471	14	94	01.85- 01.85	110217		
	01.73- 01.85	110505	14	75				
K2500 4.3	01.85- 01.85	110234	14	80				
	01.93- 01.95	112639	14	100/105	01.88- 01.95	111034	12	1.2
	01.90- 01.95	112338	14	105	01.88- 01.89	111040		
	01.88- 01.95	110500	14	100/105				
K2500 5.0	01.88- 01.89	112640	14	100/105				
	01.98- 01.99	112893	14	140	01.98- 01.99	112912	12	1.6
	01.93- 01.95	112639	14	100/105	01.88- 01.95	110216	12	1.4
					01.88- 01.95	110217		
	01.90- 01.95	112338	14	105				
	01.88- 01.95	110500	14	100/105				
	01.88- 01.89	112640	14	100/105				
	01.87- 01.89	112627	14	100/105	01.96- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.88- 01.95	110217		
	01.93- 01.96	112639	14	100/105	01.88- 01.95	110216	12	1.4
K2500 5.7	01.96- 01.00	112893	14	140				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
	01.88- 01.95	110500	14	100/105				
	01.87- 01.89	112627	14	100/105	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110217		
K2500 5.7 Suburban	01.93- 01.96	112639	14	100/105				
	01.96- 01.99	112893	14	140				
	01.92- 01.95	110500	14	100/105				
	01.92- 01.94	112640	14	100/105				
K2500 6.2	01.94- 01.96	112639	14	100/105	01.96- 01.99	112341	12	2.5
	01.88- 01.93	110500	14	100/105	01.89- 01.93	112341	12	2.5
	01.88- 01.93	112640	14	100/105				
K2500 6.5	01.94- 01.96	112639	14	100/105	01.94-	112341	12	2.5
	01.94-	110500	14	100/105				
K2500 6.5 Turbo	01.92- 01.95	112338	14	105				
	01.92- 01.95	112338	14	105				
	01.98- 01.98	112893	14	140	01.92- 01.00	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
K2500 6.5 Turbo Suburban	01.92- 01.00	110500	14	100/105				
	01.92- 01.94	112640	14	100/105				
	01.94- 01.96	112639	14	100/105	01.96- 01.99	112341	12	2.5
	01.96- 01.99	112893	14	140				
	01.94- 01.95	110500	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

K2500 7.4	01.93- 01.96	112639	14	100/105	01.94- 01.00	112240	12	1.7
	01.96- 01.00	112893	14	140	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105	01.91- 01.93	110217		
	01.91- 01.93	110984	14	100/105				
K2500 7.4 Suburban	01.93- 01.96	112639	14	100/105	01.94- 01.99	112240	12	1.7
	01.96- 01.99	112893	14	140	01.94- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105	01.92- 01.93	110217		
	01.92- 01.93	110984	14	100/105				
K30 4.1	01.68- 01.71	110215#	14	90	01.68- 01.75	110217		
	01.68- 01.71	110075	14	60	01.73- 01.75	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.75	110505	14	75				
K30 4.8	01.68- 01.72	110215#	14	90	01.69- 01.72	110217		
	01.68- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
K30 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
K30 5.0	01.72- 01.73	110505	14	75	01.68- 01.73	110217		
	01.72- 01.72	110233	14	63	01.68- 01.71	111277	12	
	01.68- 01.71	110215#	14	90				
K30 5.4	01.68- 01.71	110075	14	60				
	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12	
K30 5.7	01.68- 01.68	110075	14	60	01.68- 01.68	110217		
	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.82- 01.85	110217		
	01.85- 01.85	110471	14	94	01.72- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
K30 6.2	01.72- 01.72	110233	14	63				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
	01.80- 01.86	110234	14	80				
	01.82- 01.86	110233	14	63				
K30 6.5	01.82- 01.86	110505	14	75				
	01.68- 01.69	110215#	14	90				
K30 6.6	01.68- 01.69	110075	14	60				
	01.70- 01.71	110215#	14	90	01.77- 01.80	110216	12	1.4
	01.70- 01.71	110075	14	60				
K30 7.4	01.77- 01.80	110505	14	75				
	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.81- 01.86	110234	14	80				
K3500 5.7	01.87- 01.89	112627	14	100/105	01.96- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.88- 01.95	110217		
	01.93- 01.96	112639	14	100/105	01.88- 01.95	110216	12	1.4
	01.96- 01.00	112893	14	140				
K3500 6.2	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
	01.88- 01.93	112640	14	100/105				
K3500 6.5 Turbo	01.88- 01.93	110500	14	100/105				
	01.92- 01.00	112640	14	100/105	01.92- 01.00	112341	12	2.5
	01.98- 01.98	112893	14	140				
	01.93- 01.96	112639	14	100/105				
K3500 7.4	01.92- 01.00	110500	14	100/105				
	01.92- 01.94	112640	14	100/105				
	01.93- 01.96	112639	14	100/105	01.94- 01.00	112240	12	1.7
	01.96- 01.00	112893	14	140	01.88- 01.95	110216	12	1.4
Kingswood 5.7	01.94- 01.95	110500	14	100/105	01.88- 01.93	110217		
	01.88- 01.93	110984	14	100/105				
	01.93- 01.96	112639	14	100/105	01.72-	110216	12	1.4
	01.72-	110233	14	63	01.69- 01.71	111258	12	
	01.72- 01.72	110505	14	75	01.69- 01.71	110217		
Kingswood 6.6	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
	01.72-	110233	14	63	01.70- 01.71	110216	12	1.4
	01.72- 01.72	110505	14	75	01.70- 01.71	111258	12	
	01.70- 01.71	110215#	14	90				
Kingswood 7.4	01.70- 01.71	110075	14	60				
	01.93- 01.96	112639	14	100/105	01.70-	110216	12	1.4
	01.72-	110233	14	63	01.70-	111258	12	
	01.72- 01.72	110505	14	75				
Laguna 5.0	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
	01.93- 01.96	112639	14	100/105	01.76-	110216	12	1.4
Laguna 5.7	01.76-	110505	14	75	01.76-	110798	12	1.5
	01.93- 01.96	112639	14	100/105	01.73- 01.76	110216	12	1.4
Laguna 6.6	01.73- 01.76	110505	14	75	01.73- 01.76	111258	12	
	01.74- 01.76	110505	14	75	01.74- 01.76	111258	12	
Laguna 7.4	01.74- 01.76	110505	14	75	01.74- 01.76	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.73- 01.74	110216	12	1.4
	01.73- 01.74	110505	14	75	01.73- 01.74	111258	12	
LLV 2.2 Postal Vehicle	01.94-	112614	14	105				
LLV 2.5 Postal Vehicle	01.87-	112620						
Lumina 2.2	01.87-	110499	14	100/105				
	01.90- 01.92	110499	14	100/105	01.93-	112911	12	1.6
	01.90- 01.92	112624						
	01.93-	110500	14	100/105				
	01.93-	111388	14	100/105				
Lumina 2.5	01.98- 12.98	112899						
	01.99-	112615	14	105				
Lumina 3.1	01.90- 01.91	112620			01.90- 01.91	110221	12	1.2
	01.90- 01.94	112637#	14	100/105	01.90- 01.96	112911	12	1.6
Lumina 3.1 Euro	01.90- 01.94	111389	14	100/105	01.97- 01.00	112900	12	1.4
	01.90- 01.94	111389	14	100/105				
	01.99-	112615	14	105				
Lumina 3.1 APV	01.95- 01.99	111392#	14	105				
	01.90- 01.95	111388	14	100/105	01.90- 01.95	112911	12	1.6
Lumina 3.1 Euro	01.90- 01.94	112637#	14	100/105	01.90- 01.94	112911	12	1.6
	01.90- 01.94	111389	14	100/105				
Lumina 3.1 LS	01.95- 01.96	111392#	14	105	01.97-	112900	12	1.4
					01.95- 01.96	112911	12	1.6
Lumina 3.1 LTZ	01.97- 01.98	111392#	14	105	01.97- 01.98	112900	12	1.4
Lumina 3.1	01.93-	112637#	14	100/105	01.93-	112911	12	1.6
	01.93-	111389	14	100/105				
Lumina 3.1 Euro	01.93-	112637#	14	100/105	01.93-	112911	12	1.6
	01.93-	111389	14	100/105				
Lumina 3.4 APV	01.96-	112875#	14	140	01.96-	112911	12	1.6
	01.92- 01.94	112621#	14	100/105				
Lumina 3.4 Euro	01.92- 01.94	112448	14	100				
	01.92- 01.94	112624						
	01.91- 01.94	110499	14	100/105				
Lumina 3.4 LS					01.96-	112898	12	1.6
Lumina 3.4 LTZ					01.97-	112898	12	1.6



Lumina 3.4 Z34	01.91- 01.94	112620							
Lumina 3.8	01.99- 01.99	112867#	14	105			01.99- 01.99	112903#	12 1.4
Lumina 3.8 APV							01.92- 01.95	110221	12 1.2
	01.92- 01.95	112638#	14	100/105					
	01.92- 01.95	112884	14	140					
	01.92- 01.95	111220	14	105					
Lumina 3.8 LTZ							01.98- 01.98	112901#	12 1.5
	01.98- 01.98	112615	14	105			01.98- 01.98	112903#	12 1.4
Luv 1.8	01.72- 01.81	110128	14	35			01.82- 01.82	110477#	12 1.2
	01.82- 01.82	110131	14	50					
Luv 2.2 Diesel	01.81- 01.82	110697	14	50			01.81- 01.82	111683	12 2.0
Malibu 2.4	01.97- 01.99	112868	14	102			01.97- 01.99	112907	12 1.7
Malibu 3.1	01.99- 01.99	112872#	14	105			01.97- 01.00	112900	12 1.4
	01.97- 01.98	112869	14	102					
Malibu 3.1 LS							01.97- 01.00	112900	12 1.4
	01.97- 01.98	112869	14	102					
Malibu 3.2	01.64- 01.66	110215#	14	90			01.64- 01.66	110217	
	01.64- 01.66	110075	14	60					
Malibu 3.3	01.78- 01.79	110233	14	63			01.78- 01.79	110414	12
	01.78- 01.79	110505	14	75					
Malibu 3.8	01.80- 01.82	110235	14	80			01.64- 01.83	110217	
	01.80- 01.82	110233	14	63			01.78- 01.82	110414	12
	01.78- 01.83	110505	14	75					
	01.80- 01.82	110234	14	80					
	01.64- 01.67	110215#	14	90					
	01.64- 01.67	110075	14	60					
Malibu 4.1	01.73- 01.77	110505	14	75			01.73- 01.77	110217	
	01.67- 01.67	110215#	14	90					
	01.67- 01.67	110075	14	60					
Malibu 4.3	01.82- 01.82	110505	14	75					
	01.93- 01.96	112639	14	100/105					
	01.83- 01.83	110471	14	94					
	01.82- 01.82	110235	14	80					
Malibu 4.4	01.79- 01.82	110234	14	80			01.79- 01.82	110414	12
	01.79- 01.82	110505	14	75					
	01.79- 01.82	110235	14	80					
Malibu 4.6	01.64- 01.67	110215#	14	90			01.64- 01.67	110217	
	01.64- 01.67	110075	14	60					
Malibu 5.0	01.93- 01.96	112639	14	100/105			01.73- 01.73	110217	
	01.73- 01.83	110505	14	75			01.76- 01.78	110216	12 1.4
	01.79- 01.83	110234	14	80			01.76- 01.78	110798	12 1.5
							01.79- 01.83	110414	12
Malibu 5.4	01.64- 01.67	110215#	14	90			01.64- 01.67	111277	12
	01.64- 01.67	110075	14	60			01.64- 01.67	110217	
Malibu 5.7	01.93- 01.96	112639	14	100/105			01.73- 01.81	111258	12
	01.73- 01.81	110505	14	75			01.73- 01.81	110216	12 1.4
Malibu 5.7	01.93- 01.96	112639	14	100/105					
	01.82- 01.82	110235	14	80					
	01.82- 01.82	110505	14	75					
	01.82- 01.82	110233	14	63					
	01.83- 01.83	110508	14	78					
	01.83- 01.83	110471	14	94					
Malibu 6.5	01.66- 01.67	110215#	14	90			01.66- 01.67	111277	12
	01.66- 01.67	110075	14	60					
Malibu 6.6	01.74- 01.76	110505	14	75			01.74- 01.76	111258	12
							01.74- 01.76	110216	12 1.4
Malibu 7.4	01.73- 01.75	110505	14	75			01.73- 01.75	111258	12
							01.73- 01.75	110216	12 1.4
Metro 1.0	01.98- 01.00	111279	14	50			01.98- 01.00	111310	12 0.8
							01.98- 01.00	111696	12 1.2
Metro 1.3	01.99- 01.00	111279	14	50			01.99- 01.00	111696	12 1.2
							01.99- 01.00	111310	12 0.8
Metro 1.3 LSI	01.98- 01.01	111279	14	50			01.98- 01.01	111310	12 0.8
							01.98- 01.01	111696	12 1.2
Monte Carlo 3.1							01.99- 01.99	112900	12 1.4
Monte Carlo 3.1 LS	01.95- 01.98	111392#	14	105			01.97- 01.98	112900	12 1.4
							01.95- 01.95	112911	12 1.6
Monte Carlo 3.3	01.78- 01.79	110233	14	63			01.78- 01.79	110414	12
	01.78- 01.79	110505	14	75					
Monte Carlo 3.4 LS	01.02- 01.03	114140	14	105			01.00- 01.00	112900	12 1.4
Monte Carlo 3.4 Z34							01.96- 01.97	112898	12 1.6
Monte Carlo 3.8	01.85- 01.87	110471	14	94			01.78- 01.87	110217	
	01.78- 01.87	110505	14	75			01.80- 01.84	110414	12
	01.80- 01.87	110235	14	80			01.99- 01.99	112903#	12 1.4
	01.80- 01.84	110233	14	63					
	01.80- 01.82	110234	14	80					
	01.99- 01.99	112867#	14	105					
Monte Carlo 3.8 LT							01.05- 01.05	112901#	12 1.5
Monte Carlo 3.8 SS							01.00- 01.03	112903#	12 1.4
							01.04- 01.05	112901#	12 1.5
Monte Carlo 3.8 Z34							01.98- 01.98	112903#	12 1.4
Monte Carlo 3.8 Super SS							01.04- 01.05	112901#	12 1.5
Monte Carlo 3.8 Turbo	01.80- 01.81	110505	14	75			01.80- 01.81	110217	
Monte Carlo 4.3	01.85- 01.88	110233	14	63			01.85- 01.88	110217	
	01.85- 01.88	110471	14	94					
Monte Carlo 4.3	01.82- 01.83	110505	14	75					
	01.82- 01.83	110235	14	80					
Monte Carlo 4.4	01.79- 01.82	110234	14	80			01.79- 01.82	110414	12
	01.79- 01.82	110505	14	75					
	01.79- 01.82	110235	14	80					
Monte Carlo 5.0	01.76- 01.88	110505	14	75			01.76- 01.88	110216	12 1.4
	01.93- 01.96	112639	14	100/105					
	01.79- 01.88	110234	14	80					
Monte Carlo 5.0 SS	01.84- 01.86	110505	14	75			01.84- 01.88	110217	
	01.84- 01.88	110471	14	94					
	01.87- 01.88	110508	14	78					
Monte Carlo 5.7	01.93- 01.96	112639	14	100/105			01.70- 01.77	110216	12 1.4
	01.72- 01.81	110505	14	75			01.70- 01.77	111258	12
	01.72- 01.72	110233	14	63					
	01.70- 01.71	110215#	14	90					
	01.70- 01.71	110075	14	60					
	01.81- 01.81	110234	14	80					
	01.81- 01.81	110235	14	80					
Monte Carlo 5.7	01.93- 01.96	112639	14	100/105					
	01.84- 01.84	110471	14	94					
	01.84- 01.84	110508	14	78					
	01.82- 01.83	110505	14	75					
	01.82- 01.83	110235	14	80					
	01.82- 01.83	110233	14	63					





CHEVROLET Continued

Monte Carlo 6.6	01.72-01.74	110233	14	63	01.70-01.76	111258	12
	01.72-01.76	110505	14	75	01.70-01.76	110216	12 1.4
	01.70-01.71	110215#	14	90			
	01.70-01.71	110075	14	60			
Monte Carlo 7.4	01.72-01.75	110505	14	75	01.70-01.75	111258	12
	01.93-01.96	112639	14	100/105	01.70-01.75	110216	12 1.4
	01.72-	110233	14	63			
	01.70-01.71	110215#	14	90			
Monza 2.3	01.70-01.71	110075	14	60			
	01.75-01.77	110233	14	63			
Monza 2.3 2+2	01.75-01.77	110505	14	75			
	01.76-01.77	110233	14	63			
Monza 2.5	01.76-01.77	110505	14	75			
	01.78-01.80	110505	14	75	01.78-01.80	110414	12
Monza 2.5 2+2	01.78-01.80	110505	14	75	01.78-01.80	110414	12
	01.78-01.79	110505	14	75	01.78-01.80	110414	12
Monza 3.2					01.78-01.79	110217	
	01.78-01.79	110505	14	75	01.78-01.79	110217	
Monza 3.2 2+2	01.78-01.80	110505	14	75	01.78-01.80	110217	
Monza 3.8	01.78-01.80	110505	14	75	01.78-01.80	110217	
Monza 3.8 2+2	01.78-01.80	110505	14	75	01.78-01.80	110217	
Monza 4.3	01.04-01.05	112901#	12	1.5			
	01.75-01.76	110217					
Monza 4.3 2+2	01.76-	110217					
	01.93-01.96	112639	14	100/105	01.76-	110217	
Monza 5.0	01.76-	110505	14	75			
	01.93-01.96	112639	14	100/105	01.77-01.78	110216	12 1.4
Monza 5.0 2+2	01.76-01.78	110505	14	75	01.79-	110217	
	01.93-01.96	112639	14	100/105	01.77-01.78	110798	12 1.5
					01.77-01.78	110216	12 1.4
					01.77-01.78	110798	12 1.5
Monza 5.7	01.79-	110217					
	01.93-01.96	112639	14	100/105	01.75-	110216	12 1.4
Nova 1.6	01.75-	110505	14	75	01.75-	111277	12
	01.85-01.88	110678	14	60	01.85-01.88	113099#	12 1.4
Nova 2.5					01.88-	110253#	12 1.0
	01.62-01.67	110215#	14	90	01.62-01.67	110217	
Nova 3.2	01.62-01.67	110075	14	60			
	01.62-01.67	110215#	14	90	01.62-01.67	110217	
Nova 3.8	01.62-01.67	110075	14	60			
	01.64-01.66	110215#	14	90	01.64-01.66	110217	
Nova 4.1	01.64-01.66	110075	14	60			
	01.72-01.79	110233	14	63	01.67-01.79	110217	
	01.72-01.79	110505	14	75			
	01.67-01.71	110215#	14	90			
Nova 4.1 Concours	01.67-01.71	110075	14	60			
	01.76-01.77	110505	14	75	01.76-01.77	110216	12 1.4
Nova 4.1 Custom					01.76-01.77	110217	
	01.73-01.79	110505	14	75	01.73-01.79	110217	
Nova 4.3	01.93-01.96	112639	14	100/105	01.75-	110217	
	01.75-	110505	14	75			
Nova 4.3 Custom	01.93-01.96	112639	14	100/105	01.75-	110217	
	01.75-	110505	14	75			
Nova 4.6	01.62-01.67	110215#	14	90	01.62-01.67	110217	
	01.62-01.67	110075	14	60			
Nova 5.0	01.62-01.67	110075	14	60			
	01.72-01.73	110233	14	63	01.70-01.73	110217	
	01.72-01.78	110505	14	75	01.76-01.78	110216	12 1.4
	01.70-	110215#	14	90	01.76-01.78	110798	12 1.5
Nova 5.0 Concours	01.93-01.96	112639	14	100/105			
	01.70-	110075	14	60			
	01.93-01.96	112639	14	100/105	01.76-	110216	12 1.4
	01.76-	110505	14	75	01.76-	110798	12 1.5
Nova 5.0 Custom	01.93-01.96	112639	14	100/105	01.73-	110217	
	01.73-	110505	14	75	01.78-	110798	12 1.5
Nova 5.4	01.78-	110216	12	1.4			
	01.65-01.67	110215#	14	90	01.65-01.67	110217	
Nova 5.7	01.65-01.67	110075	14	60			
	01.72-01.75	110233	14	63	01.70-01.79	110216	12 1.4
Nova 5.7 Concours	01.72-01.79	110505	14	75	01.70-01.79	111258	12
	01.70-01.71	110215#	14	90			
	01.70-01.71	110075	14	60			
	01.93-01.96	112639	14	100/105			
Nova 5.7 Custom	01.76-01.77	110505	14	75	01.76-01.77	111258	12
					01.76-01.77	110216	12 1.4
Nova 6.5	01.73-01.79	110505	14	75	01.73-01.79	110216	12 1.4
					01.73-01.79	111258	12
Nova 6.6	01.70-	110215#	14	90	01.70-	111277	12
	01.70-	110075	14	60	01.70-	110216	12 1.4
One-fifty Series 3.9	01.70-	110215#	14	90	01.70-	111277	12
	01.70-	110075	14	60			
One-fifty Series 4.3	01.55-01.57	110505	14	75	01.55-01.57	111258	12
	01.55-01.57	110505	14	75			
One-fifty Series 4.6	01.57-01.57	110505	14	75	01.57-01.57	111258	12
	01.68-01.72	110215#	14	90	01.68-01.72	110217	
P 10 4.1	01.68-01.72	110075	14	60	01.68-01.72	110216	12 1.4
	01.73-01.74	110505	14	75	01.73-01.74	110216	12 1.4
	01.73-01.74	110075	14	60			
P 10 4.8	01.75-01.80	110505	14	75	01.75-01.80	110216	12 1.4
	01.93-01.96	112639	14	100/105			
P 10 5.0							
	01.73-01.78	110505	14	75	01.73-01.75	110216	12 1.4
P 10 5.7	01.93-01.96	112639	14	100/105	01.73-	110216	12 1.4
P 20 3.8	01.73-	110505	14	75			
	01.63-01.65	110215#	14	90			
P 20 4.1	01.63-01.65	110075	14	60			
	01.73-01.74	110505	14	75	01.73-01.74	110216	12 1.4
P 20 4.8	01.66-01.66	110215#	14	90	01.66-01.66	110217	
	01.66-01.66	110075	14	60			
	01.73-01.89	110505	14	75	01.73-01.89	110216	12 1.4
P 20 5.0	01.64-01.72	110215#	14	90	01.64-01.72	110217	
	01.64-01.72	110075	14	60			
P 20 5.7	01.68-01.69	110215#	14	90	01.68-01.69	110217	
	01.68-01.69	110075	14	60	01.68-01.69	111258	12
	01.73-01.86	110505	14	75	01.73-01.86	110216	12 1.4
	01.64-01.72	110215#	14	90	01.70-01.72	111258	12
P 20 6.2	01.64-01.72	110075	14	60			
	01.80-01.86	110234	14	80			
	01.93-01.96	112639	14	100/105			
P 20 6.7	01.82-01.89	110233	14	63			
	01.82-01.89	110505	14	75			
P 20 7.4	01.64-01.65	110215#	14	90			
	01.64-01.65	110075	14	60			
P10 2.5	01.93-01.96	112639	14	100/105	01.73-	110216	12 1.4
	01.73-	110505	14	75			
P10 3.2	01.63-01.65	110215#	14	90			
	01.63-01.65	110075	14	60			
P10 3.2	01.66-01.66	110215#	14	90			
	01.66-01.66	110075	14	60			



P10 3.8	01.63- 01.69	110215#	14	90	01.63- 01.69	110217		
	01.63- 01.69	110075	14	60				
P10 4.8	01.67- 01.67	110215#	14	90	01.67- 01.67	110217		
	01.67- 01.67	110075	14	60				
P20 4.1	01.70- 01.72	110075	14	60	01.70- 01.72	110217		
	01.70- 01.72	110215#	14	90				
P20 5.7	01.93- 01.96	112639	14	100/105	01.87- 01.89	110216	12	1.4
	01.87- 01.93	112635#	14	100/105	01.87- 01.89	110983		
	01.87- 01.89	110984	14	100/105				
P30 3.8	01.63- 01.65	110215#	14	90				
	01.63- 01.65	110075	14	60				
P30 3.9 Turbo	01.89- 01.91	110471	14	94				
	01.66- 01.72	110215#	14	90	01.66- 01.72	110217		
P30 4.1	01.66- 01.72	110075	14	60	01.73- 01.74	110216	12	1.4
	01.73- 01.74	110505	14	75				
	01.93- 01.95	112639	14	100/105	01.90- 01.95	110983		
P30 4.3	01.90- 01.93	110984	14	100/105	01.90- 01.95	111034	12	1.2
	01.90- 01.93	112635#	14	100/105	01.96- 01.99	112240	12	1.7
P30 4.8	01.96- 01.99	113005#	14	105				
	01.64- 01.72	110215#	14	90	01.64- 01.72	110217		
	01.64- 01.72	110075	14	60	01.73- 01.89	110216	12	1.4
P30 4.8	01.73- 01.89	110505	14	75				
	01.74- 01.89	110505	14	75				
P30 5.0	01.68- 01.69	110215#	14	90	01.68- 01.69	110217		
	01.68- 01.69	110075	14	60	01.68- 01.69	111258	12	
P30 5.7	01.73- 01.86	110505	14	75	01.74- 01.95	110216	12	1.4
	01.64- 01.72	110215#	14	90	01.70- 01.72	111258	12	
	01.64- 01.72	110075	14	60	01.87- 01.95	110983		
	01.80- 01.86	110234	14	80	01.96- 01.99	112240	12	1.7
P30 6.2	01.87- 01.95	110984	14	100/105				
	01.93- 12.96	112639	14	100/105				
	01.96- 01.99	113005#	14	105				
P30 6.5	01.82- 01.93	110233	14	63				
	01.82- 01.93	110505	14	75				
P30 6.5 Turbo	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.97	110500	14	100/105				
	01.99- 01.99	113005#	14	105				
P30 6.7	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.97	113502#	14	124				
P30 7.4	01.64- 01.65	110215#	14	90				
	01.64- 01.65	110075	14	60				
Prizm 1.8	01.73- 01.89	110505	14	75	01.73- 01.97	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.96- 01.99	112240	12	1.7
R10 4.3	01.80- 01.89	110234	14	80				
	01.87- 01.93	110984	14	100/105				
R10 5.0	01.90- 01.97	110502	14	100/105				
	01.96- 01.99	113005#	14	105				
	01.87- 01.87	110471	14	94				
R10 5.0 Suburban	01.87- 01.87	110505	14	75	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
	01.87- 01.87	110500	14	100/105				
R10 5.7	01.87- 01.87	112635#	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110500	14	100/105				
	01.87- 01.87	112640	14	100/105				
R10 5.7 Suburban	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
	01.87- 01.89	112627	14	100/105	01.87- 01.88	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
R10 6.2	01.87- 01.88	110505	14	75				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110984	14	100/105				
R1500 5.7 Suburban	01.87- 01.87	110233	14	63				
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
R20 4.3	01.87- 01.87	112640	14	100/105				
	01.87- 01.87	110500	14	100/105				
	01.89- 01.91	110500	14	100/105	01.89- 01.91	110216	12	1.4
R20 4.8	01.87- 01.89	112627	14	100/105	01.89- 01.91	112341	12	2.5
	01.89- 01.91	110233	14	63				
	01.89- 01.91	110505	14	75				
R20 5.0	01.87- 01.87	110233	14	63	01.87- 01.88	110216	12	1.4
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
	01.87- 01.87	110500	14	100/105				
R20 5.7	01.87- 01.89	112627	14	100/105	01.87- 01.88	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.87- 01.88	110471	14	94				
R20 5.7 Suburban	01.87- 01.88	110984	14	100/105				
	01.87- 01.88	110505	14	75				
	01.87- 01.89	112627	14	100/105	01.87- 01.88	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
R20 6.2	01.87- 01.88	110505	14	75				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110984	14	100/105				



Application list

CHEVROLET Continued

R20 6.2 Suburban	01.87- 01.88	110233	14	63				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110505	14	75				
R20 7.4	01.87- 01.88	110233	14	63	01.87- 01.88	110216	12	1.4
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110505	14	75				
R20 7.4 Suburban	01.87- 01.88	110471	14	94	01.87- 01.88	110216	12	1.4
	01.88- 01.88	110984	14	100/105				
	01.87- 01.88	110233	14	63				
R2500 5.7 Suburban	01.87- 01.88	110505	14	75				
	01.89- 01.91	110500	14	100/105	01.89- 01.91	110216	12	1.4
	01.87- 01.89	112627	14	100/105				
R2500 6.2 Suburban	01.87- 01.89	112629	14	100/105				
	01.89- 01.91	110233	14	63	01.89- 01.91	112341	12	2.5
	01.89- 01.91	110471	14	94				
R2500 7.4 Suburban	01.89- 01.91	110505	14	75				
	01.89- 01.91	110233	14	63	01.89- 01.91	110216	12	1.4
	01.89- 01.91	110471	14	94				
R30 4.8	01.89- 01.91	110505	14	75				
	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12	1.4
	01.87- 01.88	110508	14	78				
R30 5.7	01.87- 01.89	112627	14	100/105	01.87- 01.88	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.87- 01.88	110505	14	75				
R30 6.2	01.87- 01.88	110471	14	94				
	01.87- 01.88	110505	14	75				
	01.87- 01.88	110233	14	63				
R30 7.4	01.87- 01.88	110233	14	63	01.87- 01.88	110217		
	01.87- 01.88	110471	14	94	01.87- 01.88	110216	12	1.4
	01.87- 01.88	110505	14	75				
R3500 5.7	01.87- 01.89	112629	14	100/105	01.89- 01.91	110216	12	1.4
	01.89- 01.91	110471	14	94				
	01.89- 01.91	110500	14	100/105				
R3500 6.2	01.89- 01.91	110505	14	75				
	01.87- 01.89	112627	14	100/105				
	01.89- 01.91	110233	14	63	01.89- 01.91	112341	12	2.5
R3500 7.4	01.89- 01.91	110471	14	94				
	01.89- 01.91	110505	14	75				
	01.93- 01.96	112639	14	100/105	01.89- 01.91	110216	12	1.4
S10 1.9	01.89- 01.91	110233	14	63				
	01.89- 01.91	110471	14	94				
	01.89- 01.91	110505	14	75				
S10 1.9 Blazer	01.82- 01.85	110505	14	75	01.82- 01.85	110477#	12	1.2
	01.83- 01.84	110505	14	75	01.83- 01.84	110477#	12	1.2
	01.83- 01.84	110471	14	94				
S10 2.0	01.83- 01.84	110233	14	63				
	01.83- 01.84	110505	14	75				
	01.83- 01.84	110233	14	63				
S10 2.0 Blazer	01.83- 01.84	110471	14	94				
	01.83- 01.84	110505	14	75				
	01.83- 01.84	110505	14	75				
S10 2.2	01.94- 01.98	112614	14	105	01.94- 01.98	112911	12	1.6
	01.84- 01.85	110471	14	94	01.99- 01.00	112900	12	1.4
	01.83- 01.85	110508	14	78	01.84- 01.85	111683	12	2.0
S10 2.2 Blazer	01.84- 01.84	110471	14	94	01.84- 01.84	111683	12	2.0
	01.84- 01.84	110508	14	78				
	01.84- 01.84	110508	14	78				
S10 2.5	01.83- 01.86	110508	14	78	01.00- 01.02	112900	12	1.4
	01.86- 01.86	112126#	14	105				
	01.85- 01.91	110471	14	94				
S10 2.5 Blazer	01.85- 01.91	110505	14	75				
	01.91- 01.93	112621#	14	100/105				
	01.91- 01.93	112448	14	100				
S10 2.8	01.91- 01.93	112624	14	100				
	01.91- 01.92	111202#	14	85				
	01.91- 01.93	110499	14	100/105				
S10 2.8 Blazer	01.85- 01.88	110471	14	94				
	01.85- 01.88	110505	14	75				
	01.82- 01.85	110505	14	75	01.84- 01.93	111034	12	1.2
S10 4.3	01.84- 01.85	110471	14	94	01.82- 01.93	110221	12	1.2
	01.86- 01.93	112126#	14	105				
	01.83- 01.85	110505	14	75	01.83- 01.90	110221	12	1.2
S10 4.3 Blazer	01.83- 01.85	110471	14	94	01.84- 01.90	111034	12	1.2
	01.86- 01.90	112126#	14	105				
	01.96- 01.96	111712	14	105	01.96- 01.98	112240	12	1.7
Silverado 4.3 1500	01.93- 01.95	112639	14	100/105	01.99- 01.03	112241	12	1.5
	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2
	01.91- 01.95	110985	14	100/105	01.88- 01.90	111040	12	1.2
Silverado 4.8 1500	01.88- 01.90	112338	14	105				
	01.01- 01.02	114139	14	100				
	01.99- 01.00	112665	14	100				
Silverado 5.3 1500	01.93- 01.94	112639	14	100/105	01.88- 01.94	111034	12	1.2
	01.91- 01.94	110500	14	100/105	01.88- 01.90	111040	12	1.2
	01.91- 01.94	110985	14	100/105				
Silverado 5.3 2500	01.88- 01.90	112338	14	105				
	01.99- 01.03	112853	14	130				
	01.99- 01.02	112850	14	105	01.00- 01.02	112241	12	1.5
Silverado 5.3 3500	01.99- 01.02	112850	14	105	01.99- 01.99	111034	12	1.2
	01.99- 01.03	112853	14	130	01.99- 01.03	112902	12	1.2
	01.99- 01.02	112850	14	105				
Silverado 6.0 1500 HD	01.99- 01.00	112850	14	105	01.99- 01.00	112902	12	1.2
	01.99- 01.00	112853	14	130				
	01.02- 01.02	112853	14	130				
Silverado 6.0 2500	01.02- 01.02	112850	14	105				
	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
	01.01- 01.02	112850	14	105				
Silverado 6.0 3500	01.99- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
	01.99- 01.02	112850	14	105	01.00- 01.00	112898	12	1.6
	01.01- 01.03	112853	14	130	01.99- 01.99	112240	12	1.7
Silverado 6.6 Turbo 2500	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
	01.01- 01.02	112850	14	105				
	01.01- 01.02	112853	14	130				
Silverado 6.6 Turbo 3500	01.01- 01.03	112853	14	130	01.01- 01.03	113733	12	2.2
	01.01- 01.02	112850	14	105				
	01.01- 01.03	112853	14	130	01.01- 01.03	113733	12	2.2
Silverado 6.6 Turbo 3500	01.01- 01.02	112850	14	105				
	01.01- 01.02	112853	14	130				
	01.01- 01.02	112850	14	105				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Silverado 8.1 2500	01.01- 01.02	112853	14	130	01.01- 01.02	112240	12	1.7
	01.01- 01.02	112850	14	105				
Silverado 8.1 2500 HD	01.01- 01.03	112853	14	130	01.99- 01.02	112240	12	1.7
	01.01- 01.02	112850	14	105				
Silverado 8.1 3500	01.01- 01.03	112853	14	130	01.01- 01.02	112240	12	1.7
	01.01- 01.02	112850	14	105				
Spectrum 1.5								
Sprint 1.0	01.89-	110967	14	55	01.85- 01.88	111310	12	0.8
	01.85- 01.88	113087#	14	45				
Sprint 1.0 ER	01.87- 01.88	110965	14	50	01.87- 01.88	111310	12	0.8
	01.87- 01.88	113087#	14	45				
Sprint 1.0 Plus	01.86-	113087#	14	45	01.86-	111310	12	0.8
Sprint 1.0 Turbo	01.89-	111279	14	50	01.87- 01.88	111310	12	0.8
	01.87- 01.88	110965	14	50				
SSR 6.0	01.05-	112853	14	130				
Suburban 3.8	01.63- 01.67	110215#	14	90				
	01.63- 01.67	110075	14	60				
Suburban 3.9	01.61- 01.62	110215#	14	90				
	01.61- 01.62	110075	14	60				
Suburban 4.1	01.66- 01.67	110215#	14	90	01.66- 01.67	110217		
	01.66- 01.67	110075	14	60				
Suburban 4.6	01.63- 01.67	110215#	14	90	01.63- 01.67	110217		
	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
Suburban 4.8	01.63- 01.67	110215#	14	90				
	01.63- 01.67	110075	14	60				
Suburban 5.4	01.62- 01.67	110215#	14	90	01.62- 01.67	110217		
	01.62- 01.67	110075	14	60	01.62- 01.67	111258	12	
Suburban 5.7	01.87- 01.88	112635#	14	100/105				
	01.64- 01.65	110215#	14	90				
	01.64- 01.65	110075	14	60				
Suburban 6.0	01.66- 01.66	110215#	14	90	05.00- 09.03	112902	12	1.2
	01.66- 01.66	110075	14	60				
Suburban 6.7	01.64- 01.65	110215#	14	90				
	01.64- 01.65	110075	14	60				
Tahoe 4.8	01.00- 01.03	112853	14	130	01.00- 01.03	112902	12	1.2
	01.00- 01.02	112850	14	105				
Tahoe 5.3	01.00- 01.03	112853	14	130	01.00- 01.03	112902	12	1.2
	01.00- 01.02	112850	14	105				
Tahoe 5.3	01.02- 01.03	112853	14	130	01.02- 01.02	112902	12	1.2
	01.02- 01.02	112850	14	105				
Tahoe 5.7					01.95- 01.00	112240	12	1.7
	01.96- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
	01.95- 01.96	112639	14	100/105				
	01.95-	110500	14	100/105				
Tahoe 6.5 Turbo					01.95- 01.99	112341	12	2.5
	01.99- 01.99	112893	14	140				
	01.95- 01.96	112639	14	100/105				
Townsmen 5.7	01.95- 01.98	110500	14	100/105				
	01.93- 01.96	112639	14	100/105	01.69- 01.71	111258	12	
	01.72-	110233	14	63	01.69- 01.71	110217		
	01.72- 01.72	110505	14	75				
	01.69- 01.71	110215#	14	90				
Townsmen 6.6	01.69- 01.71	110075	14	60				
	01.72-	110233	14	63	01.70- 01.71	111258	12	
	01.72- 01.72	110505	14	75	01.70- 01.71	110217		
	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
Townsmen 7.4	01.93- 01.96	112639	14	100/105	01.70-	110217		
	01.72-	110233	14	63	01.70-	111258	12	
	01.72- 01.72	110505	14	75				
	01.70-	110215#	14	90				
	01.70-	110075	14	60				
Tracer 1.6	01.98- 01.98	111279	14	50	01.99- 01.00	112300	12	1.4
					01.98- 01.98	110394	12	0.85
Tracker 2.0	[J20A]				AT 01.99- 01.03	114225	12	1.6
					01.99- 01.03	110394	12	0.85
					01.99- 01.03	112300	12	1.4
Trailblazer 4.2	01.02- 01.03	114141	14	150	01.02- 01.03	112905	12	1.6
	01.02- 01.03	114141	14	150	01.02- 01.03	112905	12	1.6
Trailblazer 4.2 EXT	01.05-	114141	14	150				
Trailblazer 4.2 EXT LS	01.05-	114141	14	150				
Trailblazer 4.2 EXT LT	01.05-	114141	14	150				
Trailblazer 4.2 LT	01.05-	114141	14	150				
Truck 3.9	4BD2 01.93- 01.98	113413	14	70				
	4BD1 01.91- 01.97	113413	14	70				
Truck 4.3	01.55- 01.59	110505	14	75				
Truck 5.3	01.56- 01.59	110505	14	75				
Two-Ten Series 3.9	01.55- 01.57	110505	14	75				
Two-Ten Series 4.3	01.55- 01.57	110505	14	75	01.55- 01.57	111258	12	
Two-Ten Series 4.6	01.57- 01.57	110505	14	75	01.57- 01.57	111258	12	
V10 4.3	01.87- 01.87	110233	14	63	01.87- 01.87	110217		
	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	112640	14	100/105				
V10 5.0	01.87- 01.87	110471	14	94				
	01.87-	112635#	14	100/105	01.87- 01.87	110217		
	01.87- 01.87	110505	14	75	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
V10 5.7	01.87- 01.87	110500	14	100/105				
	01.87- 01.89	112627	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.87	110217		
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
V10 5.7 Suburban	01.87- 01.87	110984	14	100/105				
	01.87- 01.89	112627	14	100/105	01.87- 01.88	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.88	110217		
	01.87- 01.88	110984	14	100/105				
	01.87- 01.88	110471	14	94				
V10 6.2	01.87- 01.88	110505	14	75				
	01.87-	112635#	14	100/105				
	01.87- 01.87	110233	14	63				
	01.87- 01.87	110471	14	94				
V10 6.2 Suburban	01.87- 01.87	110505	14	75				
	01.87- 01.88	110471	14	94				
	01.87- 01.88	110233	14	63				
V1500 5.7 Suburban	01.87- 01.88	110505	14	75				
	01.87- 01.89	112627	14	100/105	01.89- 01.91	110217		
	01.87- 01.89	112629	14	100/105	01.89- 01.90	110216	12	1.4
	01.91- 01.91	112338	14	105				
V1500 6.2 Suburban	01.89- 01.91	110500	14	100/105				
	01.91- 01.91	110984	14	100/105	01.89- 01.90	112341	12	2.5
	01.89- 01.90	110233	14	63				
	01.89- 01.90	110471	14	94				
	01.89- 01.90	110505	14	75				
V20 4.8	01.87- 01.91	110984	14	100/105	01.87-	110216	12	1.4
	01.87-	110505	14	75	01.87-	110217		
	01.87-	110508	14	78				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



CHEVROLET Continued

V20 5.7		01.87- 01.89	112627	14	100/105		01.87-	110216	12	1.4
		01.87- 01.89	112629	14	100/105		01.87-	110217		
		01.93- 01.96	112639	14	100/105					
		01.87-	110984	14	100/105					
		01.87-	110471	14	94					
		01.87-	110505	14	75					
V20 5.7 Suburban		01.87- 01.89	112627	14	100/105		01.87- 01.88	110217		
		01.87- 01.89	112629	14	100/105		01.87- 01.88	110216	12	1.4
		01.87- 01.88	110505	14	75					
		01.87- 01.88	110984	14	100/105					
		01.87- 01.88	110471	14	94					
V20 6.2		01.87-	110471	14	94					
		01.87-	110233	14	63					
		01.87- 01.87	110505	14	75					
V20 6.2 Suburban		01.87- 01.88	110233	14	63					
		01.87- 01.88	110471	14	94					
		01.87- 01.88	110505	14	75					
V20 7.4 Suburban		01.87- 01.88	110233	14	63		01.87- 01.88	110216	12	1.4
		01.87- 01.88	110471	14	94		01.87- 01.88	110217		
		01.87- 01.88	110505	14	75					
V2500 5.7 Suburban		01.87- 01.89	112627	14	100/105		01.89- 01.91	110217		
		01.87- 01.89	112629	14	100/105		01.89- 01.90	110216	12	1.4
		01.89- 01.91	110500	14	100/105					
		01.91- 01.91	112338	14	105					
V2500 6.2 Suburban		01.91- 01.91	110984	14	100/105		01.89- 01.90	112341	12	2.5
		01.89- 01.90	110233	14	63					
		01.89- 01.90	110471	14	94					
		01.89- 01.90	110505	14	75					
V2500 7.4 Suburban		01.89- 01.90	110233	14	63		01.89- 01.90	110216	12	1.4
		01.89- 01.90	110471	14	94		01.89- 01.90	110217		
		01.89- 01.90	110505	14	75					
V30 4.8		01.87- 01.88	110505	14	75		01.87- 01.88	110216	12	1.4
		01.87- 01.88	110508	14	78		01.87- 01.88	110217		
V30 5.7		01.87- 01.89	112627	14	100/105		01.87- 01.88	110216	12	1.4
		01.87- 01.89	112629	14	100/105		01.87- 01.88	110217		
		01.87- 01.88	110505	14	75					
		01.87- 01.88	110471	14	94					
		01.87- 01.88	110984	14	100/105					
V30 6.2		01.87- 01.88	110233	14	63					
		01.87- 01.88	110471	14	94					
		01.87- 01.88	110505	14	75					
V30 7.4		01.87- 01.88	110233	14	63		01.87- 01.88	110216	12	1.4
		01.87- 01.88	110471	14	94		01.87- 01.88	110217		
		01.87- 01.88	110505	14	75					
V3500 5.7		01.89- 01.91	110505	14	75		01.89- 01.91	110217		
		01.87- 01.89	112627	14	100/105		01.89- 01.91	110216	12	1.4
		01.87- 01.89	112629	14	100/105					
		01.89- 01.91	110500	14	100/105					
		01.89- 01.91	110471	14	94					
V3500 6.2		01.91-	110984	14	100/105		01.89- 01.90	112341	12	2.5
		01.90- 01.91	112338	14	105					
		01.89- 01.90	110471	14	94					
		01.89- 01.90	110233	14	63					
		01.89- 01.90	110505	14	75					
V3500 7.4		01.93- 01.96	112639	14	100/105		01.89- 01.91	110217		
							01.89- 01.91	110216	12	1.4
		01.89- 01.91	110233	14	63					
		01.89- 01.91	110471	14	94					
		01.89- 01.91	110505	14	75					
Vega 2.0		01.75-	110505	14	75					
Vega 2.0 Cosworth		01.76- 01.76	110505	14	75					
Vega 2.3		01.71- 01.77	110505	14	75					
		01.71- 01.77	110233	14	63					
Vega 2.3 Panel		01.74- 01.75	110233	14	63					
		01.74- 01.75	110505	14	75					
Venture 3.4		01.98- 01.00	112874	14	140		01.97- 01.00	112900	12	1.4
		01.97-	112875#	14	140					
<b>PASSENGER CARS AO</b>										
Astro 4.3		01.87- 01.89	112337	14	105					
Blazer S'82 2.5		01.87- 01.88	112621#	14	100/105					
Blazer S10 4.3 4WD		01.96-	111712	14	105					
Camaro 5.7	[LT1]	01.94- 01.95	111854	14	105					
Caprice 5.0		10.96- 12.96	112639	14	100/105					
C-K Serie 4.3		01.88- 01.90	112337	14	105					
		01.88- 01.93	110500	14	100/105					
		01.83- 01.86	110508	14	78					
		01.84-	110492	14	108					
C-K Serie 4.3 AWD		01.83- 01.86	110508	14	78					
		01.84-	110492	14	108					
		01.88- 01.90	112337	14	105					
		01.88- 01.93	110500	14	100/105					
Corvette 5.7	[LT1]	01.93- 01.96	112639	14	100/105					
Express 4.3		01.96-	111712	14	105					
Lumina 2.5		01.90- 01.92	110499	14	100/105					
S10 2.8	[LR2]	01.83- 01.86	110508	14	78					
S10 2.8 AWD		01.86-	112126#	14	105					
Silverado 6.6 TDI 2500	[LB7]						10.01- 01.03	113733	12	2.2
Silverado 6.6 TDI 2500 4WD	[LB7]						10.01- 01.03	113733	12	2.2
Spark 0.8	[F8CV]						09.00-	111849	12	0.8
Spark 1.0							11.02-	113860	12	0.8
Spark 1.0 SX							05.05-	113860	12	0.8
Suburban 5.7 4WD		01.96-	111712	14	105					
Suburban 6.5 Diesel	[L56]	10.93- 09.96	112639	14	100/105					
Suburban 7.4 4WD		01.89- 01.93	112338	14	105					
Zafira 2.0 GLS	[C20SEL]						04.01-	111848	12	1.0
<b>TRUCKS US</b>										
B6 8.2							01.86- 01.88	113123#	12	
C50		Caterpillar 3116								
		GM 7.0 Itr.								
		GM 6.0 Itr.								
		GM 7.4 Itr.								
C5500		Caterpillar 3116								
		GM 7.0 Itr.								
		GM 6.0 Itr.								
		GM 7.4 Itr.								
C60		GM 6.0 Itr.								
		GM 7.0 Itr.								
		GM 7.4 Itr.								
		Caterpillar 3116								
C6500		GM 6.0 Itr.								
		GM 7.0 Itr.								
		GM 7.4 Itr.								
		Caterpillar 3116								

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



C70		GM 6.0 ltr.											
		GM 7.0 ltr.											
		GM 7.4 ltr.											
		Caterpillar 3116											
C7500		GM 6.0 ltr.											
		GM 7.0 ltr.											
		GM 7.4 ltr.											
		Caterpillar 3116											
C80		Caterpillar 3116											
		GM 6.0 ltr.											
		GM 7.0 ltr.											
		GM 7.4 ltr.											
C8500		GM 6.0 ltr.											
		GM 7.0 ltr.											
		GM 7.4 ltr.											
		Caterpillar 3116											
S7 8.2									01.86-	01.88	113123#	12	
T5500 6.0													
T6500 6.0													
T7500 6.0													
Various Models 7.4	[GM]												
Various Models 8.1 V8									01.03-	01.06	113730	12	1.4
Various Models 8.2									01.86-	01.88	113123#	12	
									01.86-	01.88	112258	12	
									01.86-	01.88	113123#	12	
Various Models	[Caterpillar 3116]		01.90-	01.93	112989	14	60		01.90-	01.02	113126	12	
			01.90-	01.93	112991	14	130						
	[Caterpillar 3208]		01.79-	01.89	112260	14	80						
Various Models	[Caterpillar 3116]	GM 7.4 ltr.							01.90-	01.02	113126	12	
		GM 7.0 ltr.											
		GM 6.0 ltr.											
		Caterpillar 3116											
		Caterpillar 3116											
<b>Chrysler</b>													
<b>PASSENGER CARS EU</b>													
<b>Caterpillar 3116</b>													
300 M 2.7 V6 24V	[EER]								11.98-	09.04	114328	12	1.6
	[EER]								11.98-	08.00	113587	12	1.1
Daytona 2.5 i Turbo GS	[EDT]		01.88-	10.92	111191#	14	90		01.88-		111425	12	1.4
			01.89-	10.92	111192#	14	120						
GTS 2.2 i Turbo Daytona Shelby	[EDR]								10.87-	10.92	111425	12	1.4
Lebaron 2.2 i Turbo	[EDG]		09.86-	12.90	111813#	14	90		09.86-	12.90	111425	12	1.4
	[EDR]		09.86-	12.90	111813#	14	90		09.86-	12.90	111425	12	1.4
Lebaron 2.2 i	[EDG]		01.85-	01.89	111191#	14	90		09.86-		111425	12	1.4
			09.86-	12.94	113064#	14	75						
			01.89-	01.89	111192#	14	120						
			01.90-	01.90	111193	14	90						
			01.90-	01.93	111194	14	120						
Lebaron 2.5 i Turbo	[EDT]		01.89-	12.93	111813#	14	90		01.89-	12.93	111425	12	1.4
Lebaron 2.5 i	[EDM]		09.86-	12.93	111813#	14	90		09.86-	12.93	111425	12	1.4
Lebaron 3.0 i V6	[6G72]		01.90-		111813#	14	90		01.90-		111456	12	1.4
	[EFA]		01.90-		111813#	14	90		01.90-		111458#	12	1.4
Neon 2.0	[ECC]		01.96-		111530	14	90						
Neon 2.0 16V	[ECC]		01.96-		111530	14	90		06.94-		111396	12	1.2
	[420H]		08.99-		113360	14	85						
	[ECB]		10.02-	12.06	113360	14	85						
	[ECH]		10.01-		113360	14	85						
Neon 2.0 16V LE	[ECC 420T]		01.96-		111530	14	90						
PT Cruiser 2.2 CRD									08.05-		114237	12	2.2
PT Cruiser 2.2 Diesel	[EDJ]								03.02-		114144	12	2.0
									03.02-		114237	12	2.2
Saratoga 3.0	[6G72]		09.89-		111813#	14	90		09.89-	12.95	111456	12	1.4
	[420X]		06.96-		113067	14	90		06.96-	04.01	111396	12	1.2
Stratus 2.0 LE	[C00]		12.95-		113067	14	90		01.97-	12.97	111396	12	1.2
	[ECB]		12.95-		113067	14	90		12.95-		111396	12	1.2
Stratus 2.0 16V	[EDZ]		01.97-	04.01	113067	14	90						
Stratus 2.4 16V	[625H]		04.96-		111529	14	90						
Stratus 2.5 LX			12.95-		111529	14	90						
Stratus 2.5 V6	[EEB]		12.95-		111529	14	90						
Stratus 2.5 V6 LX	[EPD]		07.98-		112073	14	80						
Viper 8.0													
Vision 3.5 i	[F01]								09.93-		113481	12	1.4
Voyager 2.0 i	[C00]		01.95-	03.01	113067	14	90		01.95-	03.01	114294	12	1.1
Voyager 2.4	[EDZ]								02.00-		112432		
Voyager 2.4 i	[B00]		01.95-	12.00	112583	14	90		10.95-		112432		
			10.95-	08.96	113067	14	90						
			10.95-	12.00	113235	14	130						
Voyager 2.5 i	[K]		04.93-		111814	14	120		04.93-		111425	12	1.4
	[K]		04.93-		111813#	14	90						
Voyager 2.5 i SE	[K00]		04.92-	12.95	111815	14	120		01.88-		111425	12	1.4
	[K00]		01.88-		111813#	14	90						
Voyager 2.5 CRD	[ENC]								02.00-		114283	12	2.0
	[ENJ]								02.00-		114283	12	2.0
Voyager 2.5 TD	[425CLIRS/X]		10.95-		112195	14	115		10.95-		112454	12	2.2
			01.98-	03.01	112420	14	115						
Voyager 2.5 TD SE	[M00]		04.92-		111815	14	120		04.92-		112454	12	2.2
	[09B]								01.92-	09.95	112454	12	2.2
Voyager 2.8 CRD	[ENR]		10.95-		112195	14	115						
									AT 06.04-		113977	12	2.2
									AT 10.07-		113977	12	2.2
Voyager 2.8 CRDI	[ENS]								AT 10.07-		113977	12	2.2
Voyager 3.0	GS		01.95-	03.01	112583	14	90		01.88-	01.96	111456	12	1.4
			01.95-	03.01	113235	14	130						
Voyager 3.0 i	[300]		01.87-	01.90	111191#	14	90		01.88-		111456	12	1.4
	[6G72]		08.84-	09.95	113064#	14	75		08.84-	09.95	111456	12	1.4
	[300]		08.84-	09.95	113064#	14	75						
			01.88-	01.90	111192#	14	120						
			01.90-	01.93	111193	14	90						
			01.90-	01.93	111194	14	120						
Voyager 3.3	[EGA]		01.01-	01.05	113803	14	130		02.00-		111492	12	1.4
			01.01-	01.05	113803	14	130						
Voyager 3.3 AWD	[EGA]		01.01-	01.04	113803	14	130		01.01-		111492	12	1.4
Voyager 3.3 Flex-Fuel			01.01-	01.05	113803	14	130						
Voyager 3.3 i	[R00]		10.95-		111814	14	120	BO	10.95-		111492	12	1.4
			10.95-		112583	14	90	ND					
			10.95-		113235	14	130	ND					
			10.95-		111813#	14	90	BO					
Voyager 3.3 i LE	[EGA]		01.90-		111193	14	90	ND	04.92-		111492	12	1.4
	[EGA]		04.90-		111194	14	120	ND					
			08.90-	09.95	113064#	14	75						
			04.92-		111814	14	120	BO					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





CHRYSLER Continued

Voyager 3.3 I LE AWD	[EGA]	04.92-	111193	14	90	ND	04.92-	111492	12	1.4
	[ROO]	08.90- 09.95	113064#	14	75		04.92-	111492	12	1.4
	[EGA]	08.90- 09.95	113064#	14	75					
		04.92-	111194	14	120	ND				
		04.92-	111814	14	120	BO				
	[ROO]									
		04.92-	111193	14	90	ND				
		04.92-	111194	14	120	ND				
		04.92-	111814	14	120	BO				
Voyager 3.8 I	[EGH]						01.01-	111492	12	1.4
Voyager 3.8 I AWD	[EGH]	01.95-	111815	14	120	▲	AT 01.97-	111492	12	1.4
		01.95-	112583	14	90	ND				
		01.95-	113235	14	130	ND				
	[LOO]	10.95-	111815	14	120	▲	01.95- 01.98	111492	12	1.4
		10.95-	112583	14	90	ND				
		10.95-	113235	14	130	ND				
PASSENGER CARS US										
300 6.3		01.62- 01.66	110074	14	60		01.62- 01.66	110223	12	1.1
300 6.8		01.60- 01.65	110074	14	60					
300 7.0		01.63- 01.63	110074	14	60					
300 7.2		01.66- 01.69	110074	14	60		01.66- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60					
		01.70- 01.71	112848#	14	110/114					
300 M 3.5		01.99- 01.02	113027	14	130		01.99- 01.02	113242	12	1.4
300 M 3.5 Pro-am Edition		01.03- 01.03	113027	14	130					
300 M 3.5 Special		01.02- 01.03	113027	14	130		01.02- 01.02	113242	12	1.4
Cirrus 2.0		01.00-	113067	14	90					
Cirrus 2.4		01.00- 01.00	113067	14	90		01.00- 01.00	113115#	12	1.4
Cirrus 2.4 LX	[EDZ]	01.95- 01.97	113067	14	90		01.95- 01.97	113115#	12	1.4
Cirrus 2.4 LXI	[EDZ]	01.97-	113067	14	90		01.97- 01.00	113115#	12	1.4
Cirrus 2.5	[EEB]	01.98- 01.98	111529	14	90		01.98- 01.98	112846	12	1.4
		01.99- 01.00	111529	14	90		01.99- 01.00	112846	12	1.4
Cirrus 2.5 LX	[EEB]	01.95- 01.97	111529	14	90		01.95- 01.97	112846	12	1.4
Cirrus 2.5 LXI	[EEB]	01.95- 01.97	111529	14	90		01.95- 01.97	112846	12	1.4
Concorde 2.7	[EER]						01.98- 01.01	112154#	12	
Concorde 3.2	[EGW]	01.98- 01.01	113027	14	130		01.98- 01.01	113242	12	1.4
Concorde 3.3		01.93- 01.95	113066#	14	90		01.93- 01.95	113105#	12	1.2
Concorde 3.3 LX		01.96-	113066#	14	90		01.96- 01.96	113105#	12	1.2
Concorde 3.3		01.94- 01.95	113066#	14	90		01.94- 01.95	113105#	12	1.2
Concorde 3.5		01.93- 01.95	113066#	14	90		01.93- 01.95	112845	12	1.4
Concorde 3.5 Limited		01.02- 01.03	113027	14	130		01.02- 01.03	113242	12	1.4
Concorde 3.5 LX		01.96- 01.97	113066#	14	90		01.96- 01.97	112845	12	1.4
Concorde 3.5 LXI		01.03- 01.03	113027	14	130		01.96- 01.97	112845	12	1.4
		01.96- 01.97	113066#	14	90					
Conquest 2.6 Turbo							01.87-	110311#	12	1.2
Conquest 2.6 Turbo TSI							01.88- 01.89	110311#	12	1.2
Cordoba 3.7		01.80- 01.82	110236	14	60		01.80- 01.82	110223	12	1.1
		01.80- 01.82	112848#	14	110/114					
Cordoba 3.7 Crown		01.80-	110236	14	60		01.80-	110223	12	1.1
		01.80-	112848#	14	110/114					
Cordoba 3.7 LS		01.80- 01.82	110236	14	60		01.80- 01.82	110223	12	1.1
		01.80- 01.82	112848#	14	110/114					
Cordoba 5.2		01.75- 01.82	110236	14	60		01.75- 01.82	110223	12	1.1
		01.75- 01.83	112848#	14	110/114					
Cordoba 5.2 Crown		01.80-	110236	14	60		01.80-	110223	12	1.1
		01.80-	112848#	14	110/114					
Cordoba 5.2 LS		01.81- 01.82	112848#	14	110/114		01.81- 01.82	110223	12	1.1
		01.81- 01.82	110236	14	60					
Cordoba 5.9		01.75- 01.79	110236	14	60		01.75- 01.79	110222	12	1.3
		01.75- 01.79	112848#	14	110/114					
Cordoba 6.6		01.75- 01.78	110236	14	60		01.75- 01.78	110222	12	1.3
		01.75- 01.78	112848#	14	110/114					
Daytona 2.2 Turbo		01.93-	113058	14	120					
		01.93-	111193	14	90					
		01.85-	111813#	14	90					
		01.88-	113052#	14	90					
		01.89-	113051	14	120					
		01.84-	110513							
Daytona 2.2 Turbo IROC R/T		01.92-	113058	14	120					
		01.92-	111193	14	90					
Daytona 2.2 Turbo Pacifica		01.88-	113052#	14	90					
		01.87-	111813#	14	90					
		01.87-	110513							
Daytona 2.5		01.90-	113058	14	120					
		01.90-	111193	14	90					
		01.89-	113051	14	120					
		01.87-	111813#	14	90					
		01.88-	113052#	14	90					
Daytona 2.5 Turbo		01.90-	113058	14	120					
		01.90-	111193	14	90					
		01.89-	113051	14	120					
		01.89-	113052#	14	90					
		01.89-	111813#	14	90					
Daytona 3.0		01.90-	113059#	14	120					
		01.90-	113055	14	90					
		01.91-	113060#	14	120					
		01.91-	113056	14	90					
Dynasty 2.5		01.88-	113052#	14	90					
		01.88-	111813#	14	90					
		01.89-	113051	14	120					
		01.90-	111193	14	90					
		01.90-	113058	14	120					
Dynasty 3.0		01.89-	111191#	14	90					
		01.89-	111192#	14	120					
		01.90-	113055	14	90					
		01.90-	113059#	14	120					
Dynasty 3.3		01.91- 01.93	113056	14	90		01.90-	114135	12	1.2
		01.91- 01.93	113060#	14	120					
E Class 2.2		01.83- 01.84	110513				01.83- 01.84	113095#	12	0.9
		01.83- 01.84	110514	14	78					



E Class 2.2 Turbo		01.84-	110513			01.84-	113095#	12	0.9
		01.84-	110514	14	78				
E Class 2.6		01.83- 01.84	113028#	14	75				
						01.83- 01.84	111022#	12	1.4
						01.83- 01.84	110290#	12	1.0
Executive 2.6		01.83- 01.85	113028#	14	75				
Fifthavenue 3.7		01.83-	110236	14	60	01.83- 01.84	111022#	12	1.4
		01.83- 01.87	112848#	14	110/114	01.83-	110223	12	1.1
Fifthavenue 5.2		01.88- 01.89	111192#	14	120				
						01.88- 01.89	111456	12	1.4
		01.83- 01.87	110236	14	60	01.83- 01.87	110223	12	1.1
		01.83- 01.87	112848#	14	110/114				
Grand Voyager 3.0						01.00- 01.00	113117#	12	1.2
Grand Voyager 3.0 SE						01.00- 01.00	113117#	12	1.2
Imperial 3.3		01.90-	113056	14	90	01.90-	111492	12	1.4
		01.90-	113060#	14	120				
Imperial 3.8		01.91- 01.93	113056	14	90	01.91- 01.93	111492	12	1.4
		01.91- 01.93	113060#	14	120	01.91- 01.93	114135	12	1.2
Imperial 5.2		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
		01.81- 01.83	112848#	14	110/114				
Imperial 6.8		01.60- 01.65	110074	14	60				
Imperial 6.8 Lebaron		01.61- 01.61	110074	14	60				
Imperial 7.2		01.66- 01.67	110074	14	60	01.66- 01.67	110222	12	1.3
Imperial 7.2 Crown		01.70-	110236	14	60	01.68- 01.69	110222	12	1.3
		01.70-	112848#	14	110/114				
		01.68- 01.69	110074	14	60				
Imperial 7.2 Lebaron		01.70- 01.75	112848#	14	110/114	01.68- 01.75	110222	12	1.3
		01.70- 01.75	110236	14	60				
		01.68- 01.69	110074	14	60				
Intrepid 2.7	[EER]	01.98-	113365	14	120	01.98- 01.01	112154#	12	
		01.03-	113365	14	120				
Intrepid 3.2	[EGW]	01.98-	113027	14	130				
Intrepid 3.3	[EGB]	01.97-	113066#	14	90	01.97- 01.97	113105#	12	1.2
		01.93- 01.93	113066#	14	90	01.93- 01.97	113105#	12	1.2
		01.93- 01.93	113056	14	90				
		01.93- 01.93	113060#	14	120				
Intrepid 3.3 ES		01.95-	113066#	14	90	01.95- 01.97	113105#	12	1.2
Intrepid 3.3		01.94-	113066#	14	90	01.94- 01.98	113105#	12	1.2
Intrepid 3.5	[EGE]	01.97-	113066#	14	90				
		01.03-	113027	14	130				
		01.93-	113066#	14	90				
Intrepid 3.5 ES		01.95-	113066#	14	90				
Laser 2.2		01.84- 01.86	110513			01.84- 01.86	113095#	12	0.9
		01.85- 01.87	111191#	14	90				
		01.84- 01.86	110514	14	78				
		01.84- 01.86	111813#	14	90				
Laser 2.2 XE		01.84- 01.85	110513			01.84- 01.85	113095#	12	0.9
		01.84- 01.85	111813#	14	90				
		01.84- 01.85	110514	14	78				
Laser 2.2 Turbo		01.84- 01.86	110514	14	78	01.84- 01.86	113095#	12	0.9
		01.84- 01.86	110513						
		01.84- 01.86	111813#	14	90				
Laser 2.2 Turbo XE		01.84- 01.86	110514	14	78	01.84- 01.86	113095#	12	0.9
		01.84- 01.86	110513						
		01.84- 01.86	111813#	14	90				
Laser 2.5		01.85- 01.87	111191#	14	90	01.86-	111425	12	1.4
		01.86-	111813#	14	90				
Laser 2.5 XE						01.86-	111425	12	1.4
		01.86-	111813#	14	90				
Lebaron 2.2		01.83- 01.89	110513			01.82- 01.89	113095#	12	0.9
		01.82-	110514	14	78				
Lebaron 2.2 GTS						01.85- 01.88	113095#	12	0.9
		01.85- 01.88	110513						
		01.85- 01.88	111813#	14	90				
Lebaron 2.2 Medallion		01.82-	110514	14	78	01.82-	113095#	12	0.9
Lebaron 2.2 Turbo		01.84- 01.88	110513			01.84- 01.88	113095#	12	0.9
Lebaron 2.2 Turbo GTC						01.90- 01.90	111425	12	1.4
		01.90- 01.90	111193	14	90				
		01.90- 01.90	113058	14	120				
Lebaron 2.2 Turbo GTS		01.85- 01.88	111813#	14	90	01.89-	111425	12	1.4
						01.85- 01.88	113095#	12	0.9
		01.89-	113051	14	120				
		01.89-	113052#	14	90				
		01.85- 01.88	110513						
Lebaron 2.5						01.86- 01.93	111425	12	1.4
		01.92-	111193	14	90				
		01.92-	113058	14	120				
		01.86- 01.93	111813#	14	90				
Lebaron 2.5 GTS		01.86- 01.88	111813#	14	90	01.86- 01.88	111425	12	1.4
Lebaron 2.5 Landau						01.92-	111425	12	1.4
		01.92-	111193	14	90				
		01.92-	113058	14	120				
Lebaron 2.5 LE		01.93-	113058	14	120	01.93-	111425	12	1.4
		01.93-	111193	14	90				
Lebaron 2.5 Turbo		01.89- 01.92	113051	14	120	01.89- 01.92	111425	12	1.4
		01.89- 01.92	111813#	14	90				
		01.89- 01.92	113052#	14	90				
Lebaron 2.5 Turbo GTC						01.89- 01.92	111425	12	1.4
		01.89- 01.89	111813#	14	90				
		01.89- 01.89	113051	14	120				
		01.89- 01.89	113052#	14	90				
		01.90- 01.92	113058	14	120				
		01.90- 01.92	111193	14	90				
Lebaron 2.5 Turbo GTS		01.89-	113052#	14	90	01.89-	111425	12	1.4
		01.89-	113051	14	120				
		01.89-	111813#	14	90				
Lebaron 2.6		01.82- 01.85	113028#	14	75	01.82- 01.85	111022#	12	1.4
						01.82- 01.85	110290#	12	1.0
Lebaron 2.6 Medallion		01.82- 01.82	113028#	14	75	01.82- 01.82	111022#	12	1.4
						01.82- 01.82	110290#	12	1.0



CHRYSLER Continued

Lebaron 3.0	01.91- 01.94	113056	14	90	01.90- 01.94	111456	12	1.4
	01.91- 01.94	113060#	14	120				
	01.90-	113055	14	90				
	01.90-	113059#	14	120				
Lebaron 3.0 GTC	01.91- 01.95	113056	14	90	01.91- 01.95	111456	12	1.4
	01.91- 01.95	113060#	14	120				
Lebaron 3.0 Landau	01.91- 01.94	113056	14	90	01.91- 01.94	111456	12	1.4
	01.91- 01.94	113060#	14	120				
Lebaron 3.0 LE	01.93- 01.94	113056	14	90	01.93- 01.94	111456	12	1.4
	01.93- 01.94	113060#	14	120				
Lebaron 3.0 LX	01.91- 01.94	113056	14	90	01.91- 01.94	111456	12	1.4
	01.91- 01.94	113060#	14	120				
Lebaron 3.7	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
	01.78- 01.80	112848#	14	110/114				
Lebaron 3.7 Medallion	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
	01.78- 01.80	112848#	14	110/114				
Lebaron 3.7 S	01.78-	110236	14	60	01.78-	110223	12	1.1
	01.78-	112848#	14	110/114				
Lebaron 3.7 SALON	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
	01.79- 01.80	112848#	14	110/114				
Lebaron 3.7 Special	01.81-	110236	14	60	01.81-	110223	12	1.1
	01.81-	112848#	14	110/114				
Lebaron 3.7 Town & Country	01.81-	110236	14	60	01.81-	110223	12	1.1
	01.81-	112848#	14	110/114				
Lebaron 5.2	01.77- 01.80	110236	14	60	01.77- 01.80	110223	12	1.1
	01.77- 01.80	112848#	14	110/114				
Lebaron 5.2 Medallion	01.77- 01.80	110236	14	60	01.77- 01.80	110223	12	1.1
	01.77- 01.80	112848#	14	110/114				
Lebaron 5.2 S	01.78-	110236	14	60	01.78-	110223	12	1.1
	01.78-	112848#	14	110/114				
Lebaron 5.2 SALON	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
	01.77- 01.81	112848#	14	110/114				
Lebaron 5.2 Special	01.81-	110236	14	60	01.81-	110223	12	1.1
	01.81-	112848#	14	110/114				
Lebaron 5.9	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
	01.78- 01.79	112848#	14	110/114				
Lebaron 5.9 Medallion	01.78- 01.79	112848#	14	110/114	01.78- 01.79	110222	12	1.3
	01.78- 01.79	110236	14	60				
Lebaron 5.9 SALON	01.79-	110236	14	60	01.79-	110222	12	1.3
	01.79-	112848#	14	110/114				
Lecar 2.2 Turbo GTC								
	01.89-	113052#	14	90				
	01.89-	113051	14	120				
	01.89-	111813#	14	90				
LHS 3.5	01.99- 01.01	113027	14	130	01.99- 01.01	113242	12	1.4
	01.94- 01.97	113066#	14	90	01.94- 01.97	112845	12	1.4
New Yorker 2.2	01.85- 01.87	111191#	14	90	01.83-	113095#	12	0.9
	01.83-	110514	14	78				
	01.83-	110236	14	60				
	01.83-	112848#	14	110/114				
New Yorker 2.2 Turbo					01.88-	111425	12	1.4
	01.88-	111813#	14	90	01.84- 01.87	113095#	12	0.9
	01.84- 01.87	110513						
New Yorker 2.5	01.85- 01.87	111191#	14	90	01.86- 01.87	111425	12	1.4
	01.86- 01.87	111813#	14	90				
New Yorker 2.6	01.83- 01.85	112848#	14	110/114	01.83- 01.85	111022#	12	1.4
	01.83- 01.85	110236	14	60	01.83- 01.85	110290#	12	1.0
	01.83- 01.85	113028#	14	75				
New Yorker 3.0	01.88- 01.89	111191#	14	90	01.88- 01.89	111456	12	1.4
New Yorker 3.0 Landau	01.88- 01.89	111191#	14	90	01.88- 01.89	111456	12	1.4
New Yorker 3.3	01.90- 01.93	113056	14	90	01.90- 01.93	111492	12	1.4
	01.90- 01.93	113060#	14	120				
New Yorker 3.3 Fifth Avenue	01.90- 01.93	113056	14	90	01.90- 01.93	111492	12	1.4
	01.90- 01.93	113060#	14	120				
New Yorker 3.3 Landau	01.90-	113056	14	90	01.90-	111492	12	1.4
	01.90-	113060#	14	120				
New Yorker 3.5	01.94- 01.96	113066#	14	90	01.94- 01.96	112845	12	1.4
New Yorker 3.7	01.82-	110236	14	60	01.82-	110223	12	1.1
	01.82-	112848#	14	110/114				
New Yorker 3.8 Fifth Avenue	01.91- 01.93	113060#	14	120	01.91- 01.93	111492	12	1.4
	01.91- 01.93	113056	14	90				
New Yorker 5.2	01.79- 01.82	110236	14	60	01.79- 01.82	110223	12	1.1
	01.79- 01.82	112848#	14	110/114				
New Yorker 5.9	01.77- 01.80	110236	14	60	01.77- 01.80	110222	12	1.3
	01.77- 01.80	112848#	14	110/114				
New Yorker 5.9 Brougham	01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
	01.77- 01.78	112848#	14	110/114				
New Yorker 6.6 Brougham	01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
	01.70- 01.82	112848#	14	110/114				
New Yorker 6.8	01.60- 01.65	110074	14	60				
New Yorker 7.0	01.63- 01.63	110074	14	60				
New Yorker 7.2	01.70- 01.74	110236	14	60	01.66- 01.74	110222	12	1.3
	01.70- 01.82	112848#	14	110/114				
	01.66- 01.69	110074	14	60				
New Yorker 7.2 Brougham	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
	01.72- 01.78	112848#	14	110/114				
Newport 3.7	01.79-	110236	14	60	01.79-	110223	12	1.1
	01.79-	112848#	14	110/114				
Newport 5.2	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
	01.79- 01.80	112848#	14	110/114				
Newport 5.9	01.71- 01.80	110236	14	60	01.71- 01.80	110222	12	1.3
	01.71- 01.80	112848#	14	110/114				
	01.61- 01.64	110074	14	60				
Newport 5.9 Custom	01.74- 01.76	112848#	14	110/114	01.74- 01.76	110222	12	1.3
	01.74- 01.76	110236	14	60				
Newport 5.9 Royal	01.72-	110236	14	60	01.72-	110222	12	1.3
	01.72-	112848#	14	110/114				
Newport 6.3	01.65- 01.69	110074	14	60	01.70- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114	01.65- 01.69	110223	12	1.1
	01.70- 01.71	110236	14	60				
Newport 6.3 Custom	01.68- 01.69	110074	14	60	01.70- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60	01.68- 01.69	110223	12	1.1
	01.70- 01.71	112848#	14	110/114				
Newport 6.6	01.73- 01.78	110236	14	60	01.73- 01.78	110222	12	1.3
	01.73- 01.78	112848#	14	110/114				
Newport 6.6 Custom	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
	01.72- 01.76	112848#	14	110/114				
Newport 6.6 Royal	01.72-	110236	14	60	01.72-	110222	12	1.3
	01.72-	112848#	14	110/114				
Newport 6.8	01.59- 01.64	110074	14	60				
Newport 7.0	01.63- 01.63	110074	14	60				
Newport 7.2	01.66- 01.67	110074	14	60	01.66- 01.78	110222	12	1.3
	01.70- 01.78	110236	14	60				
	01.70- 01.78	112848#	14	110/114				





Newport 7.2 Custom		01.68- 01.69	110074	14	60		01.68- 01.76	110222	12	1.3
		01.70- 01.76	110236	14	60					
		01.70- 01.76	112848#	14	110/114					
Newport 7.2 Royal		01.72-	110236	14	60		01.72-	110222	12	1.3
		01.72-	112848#	14	110/114					
Prowler 3.5							01.01-	112845	12	1.4
							01.02- 01.02	113242	12	1.4
Sebring 2.0 LX	[ECF]	01.96- 01.98	111530	14	90		01.96- 01.98	112816#	12	1.1
		01.95- 01.99	111530	14	90		01.95- 01.99	112816#	12	1.1
Sebring 2.4 JX	[EDZ]	01.96- 01.97	113067	14	90		01.96- 01.98	113115#	12	1.4
		01.98- 01.98	113069	14	125					
Sebring 2.4 JXI	[EDZ]	01.97- 01.98	113069	14	125		01.97- 01.98	113115#	12	1.4
Sebring 2.5 JX	[EEB]	01.96- 01.98	113027	14	130		01.96- 01.98	112846	12	1.4
		01.96- 01.98	113069	14	125		01.96- 01.99	113287	12	1.4
		01.99- 01.00	113027	14	130		01.99- 01.00	113287	12	1.4
		01.99- 01.00	113069	14	125		01.99- 01.00	112846	12	1.4
Sebring 2.5 JXI	[EEB]	01.96- 01.98	113027	14	130		01.96- 01.98	113287	12	1.4
		01.96- 01.98	113069	14	125		01.96- 01.98	112846	12	1.4
		01.99- 01.00	113069	14	125		01.99- 01.00	112846	12	1.4
		01.96- 01.98	113027	14	130		01.96- 01.98	113287	12	1.4
Sebring 2.5 LX	[EEB]	01.96- 01.98	113027	14	130		01.96- 01.98	113287	12	1.4
		01.96-	113069	14	125		01.96-	112846	12	1.4
		01.95- 01.00	113027	14	130		01.99- 01.99	112846	12	1.4
		01.99- 01.99	113069	14	125		01.95- 01.00	113287	12	1.4
Sebring 2.5 LXI	[EEB]	01.96- 01.98	113027	14	130		01.96- 01.98	113287	12	1.4
		01.96- 01.98	113069	14	125		01.96- 01.98	112846	12	1.4
		01.95- 01.00	113027	14	130		01.95- 01.00	113287	12	1.4
		01.99- 01.99	113069	14	125		01.99- 01.99	112846	12	1.4
Sebring 2.7						01.01- 01.02	113775	12	1.2	
Sebring 3.0						01.01- 01.03	113046#	12	1.2	
TC 2.2 Turbo Maserati		01.89- 01.90	111813#	14	90		01.89- 01.90	111425	12	1.4
TC 3.0 Maserati		01.90- 01.91	113056	14	90		01.90- 01.91	111456	12	1.4
Town & Country 2.2		01.82- 01.84	110236	14	60		01.82- 01.84	113095#	12	0.9
		01.82- 01.84	112848#	14	110/114					
		01.83- 01.84	110513							
		01.82- 01.84	110514	14	78					
Town & Country 2.2 Turbo		01.85- 01.88	110513				01.85- 01.88	113095#	12	0.9
		01.85- 01.88	111813#	14	90					
Town & Country 2.5		01.86- 01.88	111813#	14	90		01.86- 01.88	111425	12	1.4
Town & Country 2.6		01.82- 01.82	110236	14	60		01.82- 01.85	111022#	12	1.4
		01.82- 01.82	112848#	14	110/114		01.82- 01.82	110290#	12	1.0
		01.82- 01.85	113028#	14	75		01.84- 01.85	113095#	12	0.9
Town & Country 3.3		01.01- 01.05	113803	14	130		01.90- 01.00	111492	12	1.4
		01.90- 01.97	113056	14	90					
		01.90- 01.97	113060#	14	120					
Town & Country 3.3 LX						01.96- 01.98	111492	12	1.4	
Town & Country 3.3 SX						01.97- 01.98	111492	12	1.4	
Town & Country 3.3	[EGM]					01.98- 01.00	111492	12	1.4	
Town & Country 3.3 LX		01.01- 01.05	113803	14	130					
Town & Country 3.3 LXI		01.01- 01.05	113803	14	130					
Town & Country 3.7		01.78- 01.80	110236	14	60		01.78- 01.80	110223	12	1.1
Town & Country 3.8		01.78- 01.80	112848#	14	110/114					
		01.01- 01.05	113803	14	130		01.94- 01.00	111492	12	1.4
Town & Country 3.8 LX		01.94- 01.96	113060#	14	120					
		01.94- 01.96	113056	14	90					
Town & Country 3.8 LXI						01.96- 01.98	111492	12	1.4	
Town & Country 3.8 SX						01.96- 01.98	111492	12	1.4	
Town & Country 5.2		01.78- 01.80	110236	14	60		01.78- 01.80	110223	12	1.1
Town & Country 5.9		01.78- 01.80	112848#	14	110/114					
		01.61- 01.64	110074	14	60		01.78- 01.79	110222	12	1.3
		01.78- 01.79	110236	14	60					
Town & Country 6.3		01.78- 01.79	112848#	14	110/114					
		01.61- 01.69	110074	14	60		01.65-	110223	12	1.1
		01.70- 01.71	110236	14	60		01.68- 01.71	110222	12	1.3
Town & Country 6.6		01.70- 01.81	112848#	14	110/114					
		01.72- 01.77	110236	14	60		01.72- 01.77	110222	12	1.3
Town & Country 6.8		01.72- 01.77	112848#	14	110/114					
Town & Country 7.0		01.60- 01.65	110074	14	60					
Town & Country 7.2		01.63- 01.63	110074	14	60					
		01.70- 01.77	110236	14	60		01.68- 01.77	110222	12	1.3
Voyager 2.4		01.70- 01.77	112848#	14	110/114					
Voyager 3.0		01.68- 01.69	110074	14	60					
Voyager 3.3							01.00- 01.00	113241#	12	1.2
Voyager 3.3 LX							01.00- 01.00	113117#	12	1.2
Voyager 3.3 LX		01.01- 01.05	113803	14	130					
Windsor 6.3		01.01- 01.05	113803	14	130					
6.3		01.60-	110074	14	60					
6.3		01.68- 01.69	110074	14	60		01.68- 01.69	110222	12	1.3
<b>PASSENGER CARS AO</b>										
Cirrus 2.0 LX	[ECB]	10.97- 09.00	113067	14	90		10.97- 09.00	113587	12	1.1
Cirrus 2.4 LX	[EDZ]	05.94- 09.00	113067	14	90		05.94- 09.00	113115#	12	1.4
Cirrus 2.5 LX	[EEB]						10.94- 09.00	112846	12	1.4
Concorde 2.7 LX	[EER]						10.97- 09.03	114328	12	1.6
Sebring 2.5 LE	[EEB]	05.95- 09.00	113069	14	125		05.95- 09.00	112846	12	1.4
Voyager 3.0	[EFA]									
MARINE		10.90- 09.95	113064#	14	75					
Various Models							01.72- 01.84	112828	12	
							01.66- 01.84	110636	12	0.6
<b>Citroen</b>										
<b>PASSENGER CARS EU</b>										
2 CV 4 0.4	[A53]	03.63- 02.70	110743	14	30	A30	03.63- 02.70	111100	12	0.7
	[A79/1]	01.70- 12.75	110743	14	30	A30	01.70- 12.75	111100	12	0.7
2 CV 6 0.6	[A06/635]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7
	[A06/664]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7
	[M28/1]	09.75- 06.81	110743	14	30		09.75- 06.81	111100	12	0.7
Acadiane 6 0.6	[A06/664]						08.78- 07.87	111100	12	0.7
	[M28 (AM2)]						08.78- 10.88	111100	12	0.7
Ami 6 0.6	[M28]	05.68- 07.69	110743	14	30		05.68- 07.69	111100	12	0.7
Ami 8 0.6	[M28]	07.69- 12.77	110743	14	30		07.69- 12.77	111100	12	0.7
Ami Super 1.0	[G10]	03.68- 06.78	110743	14	30		03.73- 12.77	110821		
AX 1.0	[C1A]	09.86- 06.92	111841	14	50		09.86- 06.92	110584	12	1.2
	[C1A]	09.86- 06.92	112754	14	70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



CITROËN Continued

AX 10 1.0	[C3A]	12.86- 12.88	110077	14	50	12.86- 12.88	110584	12	1.2				
		12.86- 12.88	111841	14	50								
		12.86- 12.88	112754	14	70								
	[CDY (TU9M)]	07.86- 12.98	110077	14	50	07.86- 12.98	110584	12	1.2				
		07.86- 12.98	111841	14	50								
		07.86- 12.98	112754	14	70								
	[CDZ (TU9M)]	02.87- 12.98	110077	14	50	07.92-	110584	12	1.2				
		02.87- 12.98	112754	14	70								
		07.92-	111841	14	50								
		AC 02.87- 12.98	114026	14	80								
AC 07.92- 12.98		110993	14	50									
AX 11 1.1	[H1B]	09.86- 12.97	110077	14	50	10.89- 07.96	110584	12	1.2				
		09.86- 12.97	112754	14	70								
		10.89- 07.96	111841	14	50								
	[H1B (TU1)]	10.86- 06.90	111841	14	50	12.86- 06.90	110584	12	1.2				
		12.86- 04.94	110077	14	50								
		12.86- 04.94	112754	14	70								
	[HAZ (TU1CP)]	09.88- 12.89	110077	14	50	09.88- 12.89	110584	12	1.2				
		09.88- 12.89	111841	14	50								
		09.88- 12.89	112754	14	70								
	[HDZ (TU1M)]	09.86- 12.97	110077	14	50								
09.86- 12.97		112754	14	70									
AX 11 1.1 4x4	[H1A (TU1)]	06.91- 07.92	110077	14	50	06.91- 07.92	110584	12	1.2				
		06.91- 07.92	111841	14	50								
		06.91- 07.92	112754	14	70								
		AC 06.91- 07.92	114026	14	80								
AX 13 1.3 Sport	[M4A]	04.87- 12.88	110077	14	50	04.87- 12.88	110584	12	1.2				
		04.87- 12.88	111841	14	50								
		04.87- 12.88	112754	14	70								
AX 14 1.4	[K1F (TU3A)]	06.88- 12.89	110077	14	50	06.88- 12.89	110584	12	1.2				
		06.88- 12.89	111841	14	50								
		06.88- 12.89	112754	14	70								
	[K2A]	01.88- 12.92	110077	14	50	01.88- 07.91	110584	12	1.2				
		01.88-	111841	14	50								
		01.88- 12.92	112754	14	70								
	[K2B]	01.88- 12.92	110077	14	50	01.88- 07.91	110584	12	1.2				
		01.88-	111841	14	50								
		01.88- 12.92	112754	14	70								
	[KAY (TU3CP)]	10.86- 12.88	111841	14	50	12.86- 12.88	110584	12	1.2				
		12.86- 12.88	110077	14	50								
		12.86- 12.88	112754	14	70								
	[KDX (TU3M/Z)]	04.87- 04.97	110077	14	50	03.89- 04.91	110584	12	1.2				
		04.87- 04.97	112754	14	70								
		03.89-	111841	14	50								
	[KDY (TU3FM)]	04.87- 04.97	110077	14	50	03.89- 04.91	110584	12	1.2				
		04.87- 04.97	112754	14	70								
		03.89-	111841	14	50								
[KDY (TU3M)]	04.87- 04.97	110077	14	50	04.87- 04.97	110584	12	1.2					
	04.87- 04.97	112754	14	70									
	04.87- 04.97	110077	14	50									
[KDZ (TU3M/Z)]	04.87- 04.97	110077	14	50	04.87- 04.97	110584	12	1.2					
	04.87- 04.97	112754	14	70									
	04.87- 04.97	110077	14	50									
AX 14 1.4 4x4	[KDX (TU3M/Z)]	08.91- 12.96	110077	14	50	01.93- 12.96	110584	12	1.2				
		08.91- 12.96	112754	14	70								
		01.93- 12.96	111841	14	50								
	[KDY (TU3FM)]	06.90- 12.96	111841	14	50	06.90- 12.96	110584	12	1.2				
		08.91- 12.96	110077	14	50								
		08.91- 12.96	112754	14	70								
	[KDY (TU3M)]	06.90- 12.96	110077	14	50	06.90- 12.96	110584	12	1.2				
		06.90- 12.96	111841	14	50								
		08.91- 12.96	112754	14	70								
	[KDZ (TU3M/Z)]	06.88- 05.90	111841	14	50	06.88- 05.90	110584	12	1.2				
08.91- 12.96		110077	14	50									
08.91- 12.96		112754	14	70									
AX 14 1.4 GTI	[KFZ (TU3FJ2)]	06.91- 12.92	111841	14	50	06.91- 12.92	110584	12	1.2				
		06.91- 12.92	110077	14	50								
		06.91- 12.92	112754	14	70								
AX 14 1.4 i	[KFY (TU3FJ2)]	08.91- 12.96	110077	14	50	10.87- 07.91	110584	12	1.2				
		08.91-	111841	14	50								
		08.91- 12.96	112754	14	70								
	[KFZ (TU3FJ2)]	06.91- 12.96	110077	14	50	10.87- 07.91	110584	12	1.2				
06.91-		111841	14	50									
06.91- 12.96		112754	14	70									
AX 14 1.4 Diesel	[K9A (TUD3)]	09.88- 06.92	110077	14	50	09.88- 06.92	111029	12	1.4				
		09.88- 06.92	110619	14	70								
		09.88- 06.92	111841	14	50								
	[K9Y (TUD3Y)]	08.91- 12.97	110077	14	50	08.91- 12.97	111029	12	1.4				
		08.91- 12.97	110619	14	70								
		08.91- 12.97	111841	14	50								
		08.91- 12.97	112754	14	70								
AX 15 1.5 Diesel	[VJY (TUD5)]	08.94-	111532	14	80	08.94-	111029	12	1.4				
		08.94-	111841	14	50								
		08.94-	112287	14	70								
	[VJZ (TUD5)]	08.94-	111532	14	80	08.94-	111029	12	1.4				
		08.94-	111841	14	50								
		08.94-	112287	14	70								
Axel 11 1.1	[G11/631]	01.84- 03.91	110757			01.84- 03.91	110821						
Berlingo 1.1 i	[HDZ (TU1M)]	07.96-	110619	14	70	07.96-	110584	12	1.2				
		07.96-	111723	14	70								
		07.96-	112782	14	80								
Berlingo 1.4 i	[HFX (TU1JP)]	07.96-	110619	14	70	06.00- 11.02	111994	12	0.7				
		07.96-	110619	14	70								
		07.96-	110619	14	70								
	[KFX (TU3JP)]	07.96-	110619	14	70	07.96-	110584	12	1.2				
07.96-		111723	14	70									
07.96-		112782	14	80									
Berlingo 1.4 Bivalent	MF, M_	11.02-	113575	14	80	11.02-	110584	12	1.2				
		11.02-	113405	14	70								
Berlingo 1.4 i Bivalent	[KFW (TU3JP)]	04.03-	113575	14	80	11.02-	110584	12	1.2				
		11.02-	112469	14	90								
Berlingo 1.6	[5FK (EP6C)]					07.10-	113960	12	0.9				
						11.09-	113960	12	0.9				
Berlingo 1.6 16V	[NFU (TU5JP4)]	10.00-	113258			10.00-	111994	12	0.7				
		10.00-	113575	14	80	10.00-	110584	12	1.2				
Berlingo 1.6 VTI	[NFU (TU5JP4)]	10.00-	112648	14	70	07.10-	113960	12	0.9				
										11.09-	113960	12	0.9
Berlingo 1.6 VTI 120						07.05-	114030	12	2.2				
Berlingo 1.6 HDI	[DV6ATED4]	AC 07.05-	113640	14	150	09.05-	113254	12	1.1				
		07.05-	113640	14	150								
		07.05-	113640	14	150								
	[DV6B]					01.06-	113254	12	1.1				
										07.10-	113933	12	1.5
										07.10-	114030	12	2.2
	[9HR (DV6C)]					04.08-	114030	12	2.2				
										04.08-	114030	12	2.2
										04.08-	114030	12	2.2
	[9HT (DV6BTED4)]					04.08-	114030	12	2.2				
										04.08-	114030	12	2.2
										04.08-	114030	12	2.2
	[9HX (DV6ATED4)]					07.05-	114460	12	1.4				
					07.05-					114460	12	1.4	
					08.05-					114030	12	2.2	



Berlingo 1.6 HDI 110						07.10-	114030	12	2.2	
						07.10-	113933	12	1.5	
						07.10-	113254	12	1.1	
						07.10-	113933	12	1.5	
						07.10-	114030	12	2.2	
Berlingo 1.6 HDI 90	[9HP (DV6DTE)]					07.10-	113933	12	1.5	
						07.10-	114030	12	2.2	
						07.10-	113933	12	1.5	
						07.10-	114030	12	2.2	
						07.10-	113254	12	1.1	
Berlingo 1.8 i	[LFX (XU7JB)]	05.97- 10.02	111318	14	80	A13 05.97- 10.02	113443	12	1.4	
		05.97- 10.02	113604	14	95	05.97- 10.02	111130	12	1.1	
Berlingo 1.8 i 4WD	[LFX (XU7JB)]	05.97- 11.02	111318	14	80	05.97- 11.02	113443	12	1.4	
		05.97-	113604	14	95	05.97- 11.02	111130	12	1.1	
Berlingo 1.8 Diesel	[A9A (XUD7)]	PS 07.96-	112688	14	95	07.96-	114460	12	1.4	
		PS 07.96-	113485	14	80	07.96- 11.02	111070	12	1.7	
		07.96- 11.02	111893	14	70					
		07.96- 11.02	112230	14	90					
		07.96- 11.02	112292	14	70					
		07.96- 11.02	112688	14	95					
		07.96- 11.02	112703	14	120					
		07.96- 11.02	113485	14	80					
		PS 07.96-	111893	14	70					
Berlingo 1.9 Diesel	[WJZ (DW8)]	07.98- 11.02	113603	14	80	07.98-	114460	12	1.4	
		PS 07.98-	113503	14	120	07.98-	111070	12	1.7	
		PS 07.96- 11.02	111893	14	70	07.96-	111070	12	1.7	
	[D9B (XUD9A/L)]	[DJY (XUD9A)]	07.96-	112230	14	90	07.96-	114460	12	1.4
			07.96-	112292	14	70	07.96-	111070	12	1.7
			ACPS 07.96-	113485	14	80				
			AC 07.96-	112688	14	95				
			AC 07.96-	112703	14	120				
	[WJY (DW8B)]	09.00- 11.02	113603	14	80	07.98-	114460	12	1.4	
	[WJZ (DW8)]	07.98-	112058	14	70					
		PS 07.98-	112480	14	90					
		ACPS 07.98-	112480	14	90					
		ACPS 07.98-	113503	14	120					
07.98- 11.02		112058	14	70	07.98- 11.02	111070	12	1.7		
Berlingo 1.9 Diesel 4WD	[WJZ (DW8)]	07.98- 11.02	113503	14	120	07.98-	114460	12	1.4	
		07.98- 11.02	112480	14	90					
		07.98- 11.02	112480	14	90					
Berlingo 2.0 HDI	[RHY (DW10TD)]	11.02-	113603	14	80	12.99-	114460	12	1.4	
		12.99- 11.02	113503	14	120	12.99-	111070	12	1.7	
		11.02-	113755	14	150					
		12.99-	112460	14	150					
		12.99- 11.02	112480	14	90					
Berlingo 2.0 HDI 4WD	[RHY (DW10TD)]	12.99- 11.02	112460	14	150	12.99- 11.02	111070	12	1.7	
		12.99- 11.02	113503	14	120	11.00-	114460	12	1.4	
		12.99- 11.02	112058	14	70					
		12.99- 11.02	112480	14	90					
BX 1.4	[150C]					07.88- 01.93	110584	12	1.2	
						07.88- 01.93	110584	12	1.2	
BX 1.6	[B6D]					07.82- 01.93	110587	12	1.2	
BX 1.9 Diesel						09.83- 01.93	111070	12	1.7	
BX 11 1.1	[XW7B]	09.83- 06.88	111075	14	55	10.86- 05.88	111068	12	0.85	
		07.88- 06.92	111841	14	50	06.88- 06.92	110584	12	1.2	
BX 11	[HDZ (TU1M)]	05.88- 09.91	111841	14	50	10.88- 06.92	110584	12	1.2	
		05.88- 09.91	110916	14	40					
		10.88- 06.92	110077	14	50					
BX 14 1.4	[K1H (TU3A)]	01.89- 12.89	111076	14	50	01.89- 12.89	110584	12	1.2	
		[150A]	10.82- 06.88	111075	14	55	11.84- 06.88	111068	12	0.85
			10.82- 06.88	111402	14	50				
	[150C]	10.82- 10.88	111402	14	50	11.84- 02.93	111068	12	0.85	
		04.83- 02.93	110077	14	50	04.88- 02.93	110584	12	1.2	
		04.83- 07.88	111075	14	55					
		04.83- 02.93	111841	14	50					
		04.83- 02.93	112754	14	70					
	[150F]	10.82- 10.88	111402	14	50	04.88- 02.93	110584	12	1.2	
		09.85- 02.93	110077	14	50	09.85- 02.93	111068	12	0.85	
		09.85- 07.88	111075	14	55					
		09.85- 02.93	112754	14	70					
		07.88- 02.93	111841	14	50					
	[K1H (TU3A)]	01.89- 12.89	110077	14	50	01.89- 12.89	111068	12	0.85	
		01.89- 12.89	110619	14	70					
		01.89- 12.89	111841	14	50					
		01.89- 12.89	112754	14	70					
	[KDY (TU3M)]	01.89- 02.93	110077	14	50	01.89- 02.93	110584	12	1.2	
01.89- 02.93		111841	14	50						
01.89- 02.93		112754	14	70						
[KDZ (TU3M/Z)]	01.89- 02.93	110077	14	50	01.89- 02.93	111068	12	0.85		
	01.89- 02.93	111841	14	50	01.89- 02.93	110584	12	1.2		
	01.89- 02.93	112754	14	70						
BX 15 1.6	[B1E (XU51C)]	10.87- 05.92	111076	14	50	10.87- 05.92	110587	12	1.2	
		10.87- 05.92	111173#	14	80					
BX 16 1.6	[171A]	10.82- 06.88	111076	14	50	06.85- 06.88	111130	12	1.1	
		06.85- 06.88	112162	14	70	10.82- 06.88	110587	12	1.2	
	[171B]	10.82- 06.88	111076	14	50	10.82- 06.88	110587	12	1.2	
		06.85- 06.88	112162	14	70	06.85- 06.88	111130	12	1.1	
	[171C]	07.84- 06.88	111173#	14	80	06.85- 06.88	111130	12	1.1	
	[171C]	07.84- 06.88	111076	14	50	07.84- 06.88	110587	12	1.2	
	[171A]	10.82- 06.88	111173#	14	80					
	[171B]	10.82- 06.88	111173#	14	80					
	[171C]	06.85- 06.88	112162	14	70					
	[171D]	07.85- 12.94	111076	14	50	07.85- 12.94	110587	12	1.2	
		07.85- 12.94	111173#	14	80					
	[180Z]	03.86- 12.94	111076	14	50	03.86- 12.94	110587	12	1.2	
		03.86- 12.94	111173#	14	80					
	[B1A (XU52C/K)]	09.87- 02.93	111076	14	50	09.87- 02.93	110587	12	1.2	
		09.87- 02.93	111173#	14	80					
	[B1E (XU51C)]	09.87- 12.94	111076	14	50	09.87- 12.94	110587	12	1.2	
		09.87- 12.94	111173#	14	80					
		09.85- 12.94	111075	14	55					
	[BAY (XU5CP)]	09.88-	111076	14	50	09.88-	110587	12	1.2	
		09.88-	111173#	14	80					
	[BAZ (XU5CP)]	09.88-	111076	14	50					
	[BDY (XU5M)]	05.89- 12.94	111076	14	50	05.89- 12.94	110587	12	1.2	
	05.89- 12.94	111173#	14	80	05.89- 12.94	111130	12	1.1		
[BDZ (XU5M)]	05.89- 02.93	111076	14	50	05.89- 02.93	110587	12	1.2		
	05.89- 02.93	111173#	14	80						
[XU52C]	10.82- 08.84	111076	14	50	10.82- 08.84	110587	12	1.2		
	10.82- 08.84	111173#	14	80						
BX 16 1.9	[BAY (XU5CP)]	09.88-	111076	14	50	09.88-	110587	12	1.2	
	09.88-	111173#	14	80						
BX 17 1.7 TD	[ABA (XUD7TE)]	03.88- 12.94	110907	14	80					
		03.88- 12.94	112162	14	70					
BX 17 1.8 Diesel	[161A (XUD7)]	10.85- 09.93	111173#	14	80	10.85- 09.93	111070	12	1.7	
		10.85- 09.93	111076	14	50	10.85- 09.93	111070	12	1.7	
		10.85- 09.93	111173#	14	80					
		10.85- 09.93	111076	14	50					
BX 17 1.8 TD	[AJZ (XUD7TE)]	03.88- 12.94	110907	14	80					
		03.88- 12.94	112162	14	70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

CITROËN Continued

BX 19 1.8 Turbo TRD	[AJZ (XUD7TE)]	02.88- 12.94	111070			02.88- 12.94	111070	12	1.7
BX 19 1.9	[D2A (XU92C)]	07.86- 05.89	111075	14	55	07.86- 05.89	111130	12	1.1
	[D2A (XU92C)]	07.86- 12.94	111076	14	50	07.86- 12.94	110587	12	1.2
	[159A]	07.86- 05.89	111076	14	50	07.86- 05.89	110587	12	1.2
		07.86- 05.89	111173#	14	80				
	[D2A (XU92C)]	07.86- 12.94	111173#	14	80				
	[D2C (XU92C)]	09.86- 12.89	111076	14	50	09.86- 12.89	110587	12	1.2
		09.86- 12.89	111173#	14	80				
	[DDZ (XU9M)]	06.88- 12.94	111076	14	50	06.88- 12.94	110587	12	1.2
		06.88- 12.94	111173#	14	80				
	[DFZ (XU9J1)]	07.86-	111076	14	50	07.86-	110587	12	1.2
		07.86-	111173#	14	80				
	[DKZ (XU9JA)]	06.88- 12.94	111076	14	50	06.88- 12.94	110587	12	1.2
		06.88- 12.94	111173#	14	80				
BX 19 1.9 4x4	[D2F]	04.89- 02.93	111076	14	50	04.89- 02.93	111070	12	1.7
		04.89- 02.93	111173#	14	80				
	[DDZ (XU9M)]	10.90- 05.91	111076	14	50	10.90- 05.91	110587	12	1.2
		10.90- 05.91	111173#	14	80	A13 10.90- 05.91	111070	12	1.7
BX 19 1.9 GTI 4x4	[DKZ (XU9JA)]	06.88- 02.93	111076	14	50	06.88- 02.93	111130	12	1.1
		06.88- 02.93	111173#	14	80				
BX 19 1.9 GTI 16V	[D6C (XU9J4)]	09.87- 12.88	111076	14	50	09.87- 12.88	110587	12	1.2
		09.87- 12.88	111173#	14	80				
	[DFW (XU9J4)]	03.88- 02.93	111076	14	50	03.88- 02.93	110587	12	1.2
		03.88- 02.93	111173#	14	80				
BX 19 1.9 GTI	[D6A (XU9J2)]	07.86- 02.93	111076	14	50	07.86- 02.93	111130	12	1.1
		07.86- 02.93	111173#	14	80				
BX 19 1.9 Diesel	[162 (XUD9)]	09.83- 12.87	111076	14	50	09.83- 08.95	111070	12	1.7
		09.83- 12.87	111173#	14	80				
	[D9A (XUD9)]	09.83- 12.87	111076	14	50	09.83- 12.87	111070	12	1.7
		09.83- 12.87	111173#	14	80				
	[D9B (XUD9A/U)]	03.87- 12.94	111076	14	50	03.87- 12.94	111070	12	1.7
		03.87- 12.94	111173#	14	80				
BX 19 1.9 Turbo TRD	[A8A (XUD7TE)]	03.88- 02.93	110907	14	80	03.88- 12.94	111070	12	1.7
		03.88- 12.94	111070						
		03.88- 02.93	112162	14	70				
C1 1.0	[CFA(384F)]	06.05-	114090	14	70	06.05-	113963	12	1.1
		06.05-	114099	14	80				
C1 1.4 HDi	[DV4D]	06.05-	113755	14	150	06.05-	113254	12	1.1
		06.05-	113948	14	150	06.05-	113933	12	1.5
C15 1.0	[XV8]	10.84- 12.97	110077	14	50	05.88- 06.95	110584	12	1.2
	[TU9]	10.84- 12.97	110077	14	50				
	[XV8]	05.88- 06.95	111841	14	50				
C15 1.1 E	[109K]	10.84- 07.88	111075	14	55	10.84- 05.88	111068	12	0.85
	[E1A (TU1)]	10.84- 07.88	110993	14	50	10.84- 07.88	110837#	12	1.05
		07.87- 07.88	111192#	14	120				
C15 1.1 i.e.	[HDZ (TU1M)]	07.88- 12.96	110077	14	50	07.88- 12.96	110584	12	1.2
		07.88-	110916	14	40				
		07.88- 12.96	111841	14	50				
		07.88- 12.96	112754	14	70				
		06.89-	111192#	14	120				
C15 1.3	[G1A]	07.87- 07.88	111192#	14	120	07.87- 05.88	110837#	12	1.05
	[G1A]	07.87- 05.88	110077	14	50				
		07.87- 05.88	111841	14	50				
C15 1.4	[K1H (TU3A)]	07.87- 12.96	110077	14	50	07.87- 12.96	110584	12	1.2
		07.87- 12.96	111841	14	50				
		07.87- 12.96	112754	14	70				
C15 1.4 E	[150D (XY7)]	01.86- 01.87	111075	14	55	07.86-	110584	12	1.2
C15 1.4 i	[K3A]	07.87- 12.96	111841	14	50	07.87-	110584	12	1.2
		07.87- 12.96	112754	14	70				
		07.87-	111192#	14	120				
C15 1.4 i.e.	[KDY (TU3FM)]	05.91- 12.96	110077	14	50	05.91-	110584	12	1.2
		05.91-	111841	14	50				
		05.91- 12.96	112754	14	70				
	[KDY (TU3M)]	05.91- 12.96	110077	14	50	05.91-	110584	12	1.2
		05.91-	111841	14	50				
		05.91- 12.96	112754	14	70				
C15 1.8 Diesel	[161A (XUD7)]	07.84-	111076	14	50	07.86-	111070	12	1.7
		07.86-	112162	14	70				
C15 1.9 Diesel	VD_	12.00-	112058	14	70	12.00-	111070	12	1.7
						12.00- 12.05	114460	12	1.4
C2 1.1	[HFX (TU1JP)]	09.03-	113250	14	70	06.03-	111994	12	0.7
		09.03-	113872#	14	80	06.03-	110584	12	1.2
	[HFX (TU1JP)]	09.03-	113246	14	90				
C2 1.4	[KFV (TU3JP)]	09.03-	113250	14	70	06.03-	111994	12	0.7
		09.03-	113872#	14	80	06.03-	110584	12	1.2
	[KFV (TU3JP)]	09.03-	113246	14	90				
C2 1.4 16V	[KFU (ET3J4)]	06.06-	113250	14	70				
		06.06-	113872#	14	80				
		A25 06.06-	114044	14	150				
C2 1.4 HDi	[8HX (DV4TD)]	09.03-	113948	14	150	09.03-	113933	12	1.5
	[8HX (DV4TD)]	09.03-	113755	14	150	06.03-	113254	12	1.1
	[8HX (DV4TD)]	09.03-	113640	14	150				
C2 1.6	[NFU (TU5JP4)]	09.03-	113246	14	90	06.03-	110584	12	1.2
		09.03-	113250	14	70	06.03-	111994	12	0.7
	[NFU (TU5JP4)]	09.03-	113872#	14	80				
C2 1.6 VTS	[NFS (TU5JP4S)]	01.05-	113872#	14	80	10.04-	110584	12	1.2
	[NFS (TU5JP4S)]	01.05-	113405	14	70				
C2 1.6 HDi	[DV6TED4]					09.05-	114030	12	2.2
C25 1.9 Diesel	[D9B (XUD9A/U)]	07.87- 02.94	111076	14	50	07.87- 02.94	111070	12	1.7
C25 1.9 TD	[M705]	04.92- 02.94	113187	14	85	04.92-	111421	12	2.2
C25 2.0	[170A (XN1T)]	09.81- 03.94	110769	14	70	09.81- 03.94	111066	12	1.05
		09.81- 02.94	111144	14	70				
	[170B (XN1T)]	09.81- 02.94	110769	14	70	09.81- 03.94	110793	12	0.9
		09.81- 03.94	111144	14	70	09.81- 02.94	111066	12	1.05
	[170C (XN1T)]	10.81- 02.94	110769	14	70	02.91-	110793	12	0.9
		02.91-	111144	14	70	02.91- 02.94	111066	12	1.05
C25 2.5 Diesel	[CRD93L]	07.81- 02.94	111071	14	75	07.81- 02.94	111115	12	2.2
C25 2.5 Diesel 4x4	[CRD93L]	01.81-	111071	14	75	01.87- 02.94	111115	12	2.2
		01.87-	111659	14	80	01.87- 02.94	111070	12	1.7
C25 2.5 TD	[CRD93LS]	08.87- 02.94	111659	14	80	08.87- 02.94	111115	12	2.2
C25 2.5 TD 4x4	[CRD93LS]	08.87- 02.94	111659	14	80	08.87- 02.94	111115	12	2.2
C25 E 1.8	[169 (XM7T)]	10.81- 02.94	110769	14	70	10.81- 02.94	111066	12	1.05
C3 1.1 i	[HFX (TU1JP)]	02.02-	113246	14	90	02.02-	110584	12	1.2
		02.02-	113250	14	70	02.02-	111994	12	0.7
	[HFX (TU1JP)]	02.02-	113872#	14	80				
C3 1.4	[KFV (TU3JP)]	05.03-	113246	14	90	05.03-	111994	12	0.7
		05.03-	113250	14	70	05.03-	110584	12	1.2
	[KFV (TU3JP)]	05.03-	113872#	14	80				
C3 1.4 Picasso	[EP3]					02.09-	113960	12	0.9
C3 1.4 16V	[KFU (ET3J4)]	12.03-	113872#	14	80	12.03-	111994	12	0.7
		A25 12.03-	114044	14	150	12.03-	110584	12	1.2
	[8FR (EP3C)]					11.09-	113960	12	0.9
	[KFU (ET3J4)]	12.03-	113246	14	90				
		12.03-	113250	14	70				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



C3 1.4 i Bivalent	[KFV (TU3JP)]	02.02-	113250	14	70	02.02-	111994	12	0.7
	[KFV (TU3JP)]	02.02-	113872#	14	80	02.02-	110584	12	1.2
C3 1.4 HDi 16V	[8HY]	02.02-	113246	14	90	09.01-	113254	12	1.1
	[8HY]	02.02-	113755	14	150	02.02-	113933	12	1.5
C3 1.4 HDi	[8HX]	02.02-	113755	14	150	02.02-	113933	12	1.5
	[8HX (DV4TD)]	04.04-	113640	14	150	04.04-	113254	12	1.1
	[8HX (DV4TD)]	04.04-	113755	14	150	04.04-	113933	12	1.5
	[8HX]					09.01-	113254	12	1.1
	[8HZ (DV4TD)]					11.09-	113933	12	1.5
	[8HZ (DV4TD)]					05.03-	110584	12	1.2
C3 1.6	[NFU (TU5JP4)]	05.03-	113246	14	90	05.03-	111994	12	0.7
	[NFU (TU5JP4)]	05.03-	113872#	14	80	05.03-	111994	12	0.7
C3 1.6 Picasso	[EP6]					02.09-	113960	12	0.9
C3 1.6 16V	[NFU (TU5JP4)]	02.02-	113250	14	70	02.02-	111994	12	0.7
	[NFU (TU5JP4)]	02.02-	113872#	14	80	02.02-	110584	12	1.2
	[5FS (EP6C)]					11.09-	113960	12	0.9
C3 1.6 HDi 16V	[NFU (TU5JP4)]	02.02-	113246	14	90				
	[9HX (DV6ATED4)]	10.05-	113640	14	150	10.05-	114030	12	2.2
	[9HZ (DV6ATED4)]	09.05-	113640	14	150	09.05-	114030	12	2.2
	[9HZ (DV6ATED4)]					10.05-	113254	12	1.1
	[9HZ (DV6ATED4)]					10.05-	113933	12	1.5
	[9HZ (DV6ATED4)]					09.05-	111848	12	1.0
	[9HZ (DV6ATED4)]					09.05-	113254	12	1.1
	[9HZ (DV6ATED4)]					09.05-	113933	12	1.5
C3 1.6 HDi	[9HX (DV6ATED4)]					10.05-	113254	12	1.1
	[9HX (DV6ATED4)]					10.05-	114030	12	2.2
C3 1.6 HDi Picasso	[9HZ (DV6ATED4)]					02.09-	114030	12	2.2
C35 2.0	[B20614]								
C35 2.2 Diesel	[B22615]								
C35 2.5 Diesel	[B25637]								
C4 1.4 16V	[KFU (ET3J4)]	11.04-	113405	14	70	11.04-	110584	12	1.2
	[KFU (ET3J4)]	11.04-	113872#	14	80	11.04-	111994	12	0.7
C4 1.6 Grand Picasso	[EP6DT]					07.08-	113960	12	0.9
C4 1.6 Picasso	[EP6DT]					07.08-	113960	12	0.9
C4 1.6 Picasso THP 155	[5FV (EP6CDT)]	09.10-	112772	14	120	09.10-	113960	12	0.9
C4 1.6 THP 140	[EP6DT]					07.08-	113960	12	0.9
C4 1.6 THP 150	[EP6DT]					07.08-	113960	12	0.9
C4 1.6 16V	[NFU (TU5JP4)]	11.04-	113405	14	70	11.04-	110584	12	1.2
	[NFU (TU5JP4)]	11.04-	113872#	14	80	11.04-	111994	12	0.7
	[5FS (EP6C)]					11.09-	113960	12	0.9
	[5FV (EP6CDT)]					11.09-	113960	12	0.9
C4 1.6 16V Grand Picasso	[EP6DT]					10.08-	113960	12	0.9
C4 1.6 16V Picasso	[5FX (EP6DT)]					07.08-	113960	12	0.9
C4 1.6 VTI	[EP6]					07.08-	113960	12	0.9
C4 1.6 VTI Grand Picasso	[EP6]					07.08-	113960	12	0.9
C4 1.6 VTI Picasso	[EP6]					07.08-	113960	12	0.9
C4 1.6 HDi	[9HY (DV6TED4)]	11.04-	113640	14	150	11.04-	113254	12	1.1
	[9HY (DV6ATED4)]					11.04-	113933	12	1.5
	[9HY (DV6ATED4)]					11.04-	113933	12	1.5
	[9HY (DV6ATED4)]					11.04-	114030	12	2.2
	[9HX (DV6ATED4)]	11.04-	113254	14	150	11.04-	113254	12	1.1
	[9HY (DV6ATED4)]	11.04-	113640	14	150	11.04-	113254	12	1.1
	[9HX (DV6ATED4)]	11.04-	113640	14	150	11.04-	114030	12	2.2
	[9HP (DV6ATED4)]					11.09-	113254	12	1.1
	[9HY (DV6ATED4)]					11.04-	113933	12	1.5
	[9HY (DV6ATED4)]					11.04-	114030	12	2.2
	[9HZ (DV6ATED4)]	11.04-	113254	14	150	11.04-	113254	12	1.1
	[9HZ (DV6ATED4)]					11.04-	113933	12	1.5
	[9HZ (DV6ATED4)]					11.04-	114030	12	2.2
	[9HZ (DV6ATED4)]					11.04-	114030	12	2.2
C4 1.6 HDi Grand Picasso	[9HY (DV6ATED4)]	10.06-	113640	14	150	10.06-	113933	12	1.5
	[9HZ (DV6ATED4)]	10.06-	113640	14	150	10.06-	113933	12	1.5
C4 1.6 HDi Picasso	[9HY (DV6ATED4)]	02.07-	113640	14	150	02.07-	113933	12	1.5
	[9HZ (DV6ATED4)]	02.07-	113640	14	150	02.07-	113933	12	1.5
	[9HY (DV6ATED4)]					02.07-	113254	12	1.1
	[9HY (DV6ATED4)]					02.07-	114030	12	2.2
	[9HZ (DV6ATED4)]					02.07-	113254	12	1.1
	[9HZ (DV6ATED4)]					02.07-	114030	12	2.2
C4 1.6 HDi Picasso 110	[9HL (DV6C)]					09.10-	113933	12	1.5
	[9HR (DV6C)]					09.10-	114030	12	2.2
	[9HR (DV6C)]					09.10-	113933	12	1.5
	[9HR (DV6C)]					09.10-	114030	12	2.2
C4 1.8 16V Picasso	[6FY (EW7A)]					02.07-	114460	12	1.4
C4 1.8 i 16V Grand Picasso	[6FY (EW7A)]					10.06-	114460	12	1.4
C4 2.0 16V	[RFJ (EW10A)]					11.04-	114460	12	1.4
	[RFK (EW10J4S)]	11.04-	113755	14	150	11.04-	112347		
	[RFN (EW10J4)]	11.04-	113718	14	70	11.04-	112347		
	[RFN (EW10J4)]					11.04-	111070	12	1.7
	[RFN (EW10J4)]					11.04-	114460	12	1.4
	[RFN (EW10J4)]	11.04-	113575	14	80	11.04-	114460	12	1.4
	[EW10J4S]					11.04-	114460	12	1.4
	[RFJ (EW10A)]					11.04-	111070	12	1.7
	[RFJ (EW10A)]					11.04-	112347		
	[RFK (EW10J4S)]					11.04-	111070	12	1.7
	[RFJ (EW10A)]					11.04-	114460	12	1.4
C4 2.0 16V Picasso	[RFJ (EW10A)]					02.07-	114460	12	1.4
C4 2.0 i 16V Grand Picasso	[RFJ (EW10A)]					10.06-	114460	12	1.4
C4 2.0 HDi	[DW10BTEd4]					07.08-	113926	12	1.9
	[RHR (DW10BTEd4)]	11.04-	113640	14	150	11.04-	113926	12	1.9
	[RHR (DW10BTEd4)]					11.04-	111070	12	1.7
	[RHR (DW10BTEd4)]					11.04-	114460	12	1.4
	[RHE (DW10CTED4) DTR]					11.09-	114460	12	1.4
C4 2.0 HDi Grand Picasso	[RHE (DW10CTED4)]					07.09-	113926	12	1.9
	[RHE (DW10CTED4)]					07.09-	114460	12	1.4
	[RHJ (DW10BTEd4)]	10.06-	113640	14	150				
	[RHR (DW10BTEd4)]	10.06-	113640	14	150				
C4 2.0 HDi Picasso	[RHJ (DW10BTEd4)]	02.07-	113640	14	150	02.07-	113926	12	1.9
	[RHR (DW10BTEd4)]	02.07-	113640	14	150	02.07-	113926	12	1.9
	[RHE (DW10CTED4)]					07.09-	113926	12	1.9
	[RHE (DW10CTED4)]					07.09-	114460	12	1.4
C4 2.0 HDi Picasso 165	[RHH (DW10CTED4)]					09.10-	111070	12	1.7
	[RHH (DW10CTED4)]					09.10-	113926	12	1.9
	[RHH (DW10CTED4)]					09.10-	114460	12	1.4
	[RHH (DW10CTED4)]					09.10-	114460	12	1.4
C5 1.6 16V X7	[5FV (EP6CDT)]					04.09-	113960	12	0.9
C5 1.6 VTI	[5FS (EP6C)]					07.10-	113960	12	0.9
C5 1.6 HDi	[9HY (DV6TED4)]					09.04-	113933	12	1.5
	[9HY (DV6TED4)]					09.04-	114030	12	2.2
	[9HY (DV6ATED4)]	09.04-	113640	14	150	09.04-	113254	12	1.1
	[9HL (DV6C)]					07.10-	113933	12	1.5
	[9HL (DV6C)]					07.10-	114030	12	2.2
	[9HR (DV6C)]					07.10-	113933	12	1.5
	[9HR (DV6C)]					07.10-	114030	12	2.2
	[9HZ (DV6ATED4)]					02.08-	113933	12	1.5
[DV6TED4]					02.08-	113933	12	1.5	
C5 1.8 16V	[6FY (EW7A)]					09.05-	114460	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

CITROËN Continued

C5 1.8 16V X4	[6FZ (EW7J4)]	03.01- 09.04	113575	14	80	03.01-	112347		
	[6FZ (EW7J4)]	03.01-	112480	14	90				
		03.01- 09.04	113503	14	120				
		03.01- 09.04	113603	14	80				
		06.01- AC 03.01-	112469 112469	14	90				
C5 1.8 16V X7	[6FZ (EW7J4)]	10.04-	113575	14	80	10.04-	112347		
C5 2.0 16V Turbo	[RFN (EW10J4)]	06.01-	112469	14	90				
		06.01- 08.04	113603	14	80				
C5 2.0 16V	[RFJ (EW10A)]					09.04-	112347		
	[RFN (EW10J4)]	03.01- 03.01- 08.04	112469 113603	14	90 80				
C5 2.0 HPI 16V	[RLZ (EW10D)]	03.01-	112469	14	90	03.01-	112347		
	[RLZ (EW10D)]	03.01- 08.04	113603	14	80				
C5 2.0 HDI	[RHZ (DW10ATED4)]	03.01-	112460	14	150	A34 03.01-	111070	12	1.7
		03.01-	112480	14	90	03.01- 08.04	114460	12	1.4
	[RHY (DW10TD)]	03.01- 09.04	113503	14	120	03.01- 09.04	111070	12	1.7
	[RHS (DW10ATED4)]	06.01-	112480	14	90	06.01-	111070	12	1.7
	[RHY (DW10TD)]	03.01- 09.04	112480	14	90	03.01- 08.04	114460	12	1.4
						09.04-	111070	12	1.7
						09.04-	113926	12	1.9
						02.08-	113926	12	1.9
						02.08-	114460	12	1.4
						09.04-	114460	12	1.4
	[RHR (DW10BTED4)]	09.04-	113640	14	150				
	[RHS (DW10ATED4)]	06.01-	112460	14	150				
	[RHY (DW10TD)]	03.01- 09.04	112460	14	150				
	[RHS (DW10ATED4)]	03.01- 08.04	113640	14	150				
C5 2.0 HDI FAP	[RHS (DW10ATED4)]	10.04-	113755	14	150	03.01-	111070	12	1.7
C5 2.2 HDI	[4HX (DW12TED4)]	10.04-	113755	14	150	09.04-	113926	12	1.9
	[4HX (DW12TED4/FAP)]					04.06-	114460	12	1.4
	[4HT (DW12BTED4)]					09.04-	113926	12	1.9
	[4HX (DW12TED4)]	09.04-	113640	14	150	09.04-	113926	12	1.9
	[4HT (DW12BTED4)]					04.06-	113926	12	1.9
		03.01-	112460	14	150				
		03.01-	112461	14	150				
	03.01-	112480	14	90					
	09.04-	113640	14	150					
C5 3.0 V6	[XFX (ES9J4S)]	03.01-	111944#	14	120	03.01-	111070	12	1.7
	[XFU (ES9A)]	09.04-	111944#	14	120	09.04-	111070	12	1.7
	[XFX (ES9J4S)]	03.01-	111941#	14	150				
C5 Break 2.0 HDI	[RHZ (DW10ATED4)]	06.01- 08.04	113640	14	150				
C6 3.0 V6	[ES9J4S]					09.05-	111070	12	1.7
C8 2.0	[RFN (EW10J4)]	07.02-	113575	14	80	01.01-	112347		
	[RFN (EW10J4)]	07.02-	112469	14	90				
C8 2.0 16V	[RFJ (EW10A)]					09.05-	114460	12	1.4
C8 2.0 HDI	[RHK (DW10OUTED4)]	07.02-	112461	14	150	07.02-	114460	12	1.4
		07.02-	113640	14	150	07.02-	111070	12	1.7
	[RHR (DW10BTED4)]	03.06-	113640	14	150	03.06-	113926	12	1.9
	[RHK (DW10OUTED4)]	07.02-	112460	14	150				
	[RHM (DW10ATED4)]					07.02-	114460	12	1.4
	[RHR (DW10BTED4)]					03.06-	114460	12	1.4
	[RHT (DW10ATED4)]					07.02-	114460	12	1.4
	[RHW (DW10ATED4)]					07.02-	114460	12	1.4
	[3FZ]	07.02-	113575	14	80	01.01-	112347		
	[3FZ]	07.02-	112469	14	90				
C8 2.2 HDI	[4HW (DW12TED4)]	07.02-	112461	14	150	07.02-	111070	12	1.7
		07.02-	113640	14	150	07.02-	114460	12	1.4
	[4HW (DW12TED4)]	07.02-	112460	14	150				
C8 3.0 V6	[XFX (ES9J4S)]	07.02-	111941#	14	150	07.02-	111070	12	1.7
	[XFX (ES9J4S)]	07.02-	111944#	14	120				
C-Crosser 2.2 HDI	[DW12MTED4]					02.07-	114460	12	1.4
CX 2.0	[829A5]	08.84- 08.86	111144	14	70	08.84- 08.86	111063	12	1.2
	[J6TA500]					07.85- 12.92	111063	12	1.2
CX 2.2 2200						05.85- 12.92	111124	12	2.2
						07.85- 12.92	111124	12	2.2
CX 2.2 TRS	[J6TA500]	07.85- 12.92	111144	14	70	07.85- 12.92	111063	12	1.2
CX 2.5 TD	[M25-648]					04.83- 08.85	111115	12	2.2
CX 2.5 TD 2500	[M25-648]	08.85- 12.86	111071	14	75				
		08.85- 12.86	111659	14	80				
CX 20 RE 2.0	[829A5]	08.85- 12.92	111144	14	70	08.85- 12.92	111063	12	1.2
CX 2000 2.0	[829A5]	06.79- 08.85	111144	14	70	06.79- 08.85	110860#	12	0.9
	[M20-616]	07.74- 07.79	111071	14	75	09.74- 05.79	110783	12	1.0
CX 22 2.2 TRS	[J6TA500]	07.85- 12.92	111144	14	70	07.85- 12.92	111063	12	1.2
						A13 07.85- 12.92	111124	12	2.2
CX 22 TRS 2.2	[J6TA500]	07.85- 12.92	111144	14	70	07.85- 12.92	110860#	12	0.9
						07.85- 12.92	111063	12	1.2
CX 2200 2.2	[M22-617]	07.74- 07.79	111071	14	75	09.74- 07.76	110783	12	1.0
CX 2200 2.2 Diesel	[M22-621]	10.75- 02.79	111071	14	75				
	[M23-623]					08.76- 06.80	110783	12	1.0
CX 2400 2.4	[M23-639]	05.80- 05.82	111071	14	75	05.80- 05.82	110783	12	1.0
	[M23-639]	05.80- 05.82	111144	14	70				
	[M23-622]	06.77- 06.83	111071	14	75	06.77- 06.83	110783	12	1.0
CX 25 2.5	[M25-668]	05.86- 12.92	111659	14	80				
CX 25 2.5 TRI	[M25-659]	07.83- 12.92	111071	14	75	07.83- 12.92	110783	12	1.0
		07.83- 12.92	111659	14	80				
CX 25 2.5 GTI Turbo	[M25-662]	06.84- 12.92	111659	14	80				
	[M25-667]	09.86- 12.92	111659	14	80				
CX 25 2.5 GTI	[M25-668]	07.83- 12.92	111071	14	75	05.86- 12.92	110783	12	1.0
		05.86- 12.92	111659	14	80				
CX 25 2.5 Diesel	[M25-660]	03.83- 12.92	111071	14	75	08.85- 12.92	111115	12	2.2
		08.85- 12.92	111659	14	80				
CX 25 2.5 TD	[M25-648]	04.83- 12.86	111071	14	75	04.83- 12.86	111115	12	2.2
	[M25-669]	01.87- 12.92	111071	14	75	01.87- 12.92	111115	12	2.2
		01.87- 12.92	111659	14	80				
CX 2500 2.5 Diesel	[M25-629]	02.78- 08.85	111071	14	75	02.78- 08.85	111115	12	2.2
DS3 1.4 16V	[8FR (EP3C)]					04.10-	113960	12	0.9
	[5FF (EP6DTS)]					02.11-	113960	12	0.9
DS3 1.6 Racing	[5FS (EP6C)]					04.10-	113960	12	0.9
	[5FF (EP6C)]					04.10-	113960	12	0.9
DS3 1.6 HDI	[EP6DT]					04.10-	113960	12	0.9
	[DV6DTEd]					11.09-	113933	12	1.5
						11.09-	114030	12	2.2
DS4 1.6 120	[5FS (EP6C)]					04.11-	113960	12	0.9
DS4 1.6 THP 155	[5FV (EP6CDT)]					04.11-	113960	12	0.9
	[5FU (EP6DTX)]					04.11-	113933	12	1.5
						04.11-	113960	12	0.9
						04.11-	114030	12	2.2
DS4 1.6 HDI 110	[9HR (DV6C)]					04.11-	113254	12	1.1
						04.11-	113933	12	1.5
						04.11-	114030	12	2.2
DS4 2.0 HDI 160	[RHH (DW10CTED4)]					04.11-	111070	12	1.7
						04.11-	113926	12	1.9
						04.11-	114460	12	1.4
Dyane 4 0.4	[A79/1]	03.68- 10.87	110743	14	30	04.68- 10.87	111100	12	0.7
Dyane 6 0.6	[M28]					12.68- 12.72	111100	12	0.7
	[M28/1]	10.73- 10.87	110743	14	30	05.72- 12.80	111100	12	0.7

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Evasion 1.8	[LFZ (XU7JP)]	06.96- 07.02	113438#	14	80	05.97-	113443	12	1.4	
		05.97-	112298	14	80	05.97-	111130	12	1.1	
		05.97-	112299	14	95					
		05.97-	112793	14	70					
		AC 09.96- 07.02	112772	14	120					
Evasion 1.9 TD	[D8B (XUD9TF)]	10.95- 12.98	112688	14	95	11.94- 07.02	114460	12	1.4	
		10.95- 12.98	112703	14	120	11.94- 07.02	111070	12	1.7	
		10.95- 12.98	113485	14	80					
		11.94- 07.02	112688	14	95	11.94-	111070	12	1.7	
		11.94- 07.02	112703	14	120	11.94- 07.02	114460	12	1.4	
Evasion 2.0 16V	[RFN (EW10J4)]	05.00- 07.02	112460	14	150					
		05.00- 07.02	112480	14	90					
		05.00- 07.02	113603	14	80					
		05.98-	111318	14	80	05.98-	113443	12	1.4	
		05.98- 04.00	113604	14	95	05.98-	111130	12	1.1	
Evasion 2.0 i	[RFU (XU10J2/C)]	06.94-	112298	14	80	06.94-	113443	12	1.4	
		06.94-	112299	14	95	06.94-	111130	12	1.1	
		06.94-	112772	14	120					
		06.94-	112793	14	70					
		06.94- 07.02	112299	14	95	06.94-	113443	12	1.4	
Evasion 2.0 Turbo	[RGX (XU10J2TE)]	06.94- 04.97	112793	14	70	06.94-	113443	12	1.4	
		06.94- 07.02	113604	14	95	06.94-	111130	12	1.1	
		06.94- 04.97	113438#	14	80					
		04.97- 07.02	111318	14	80					
		08.99-	112461	14	150	09.99- 07.02	114460	12	1.4	
Evasion 2.0 HDI 16V	[RHZ (DW10ATED)]	08.99-	113503	14	120	08.99-	111070	12	1.7	
		08.99-	112480	14	90	08.99- 07.02	114460	12	1.4	
Evasion 2.0 HDi	[RHZ (DW10ATED)]	08.99-	112460	14	150					
		AC 08.99-	112460	14	150					
Evasion 2.0 TD	[XUD9TE]	05.96- 07.02	112688	14	95	05.97-	111070	12	1.7	
		05.96- 07.02	112703	14	120	05.97- 07.02	114460	12	1.4	
		05.96- 07.02	113485	14	80					
Evasion 2.1 TD	[P8C (XUD11BTE)]	05.96-	112688	14	95	05.96-	111070	12	1.7	
		05.96- 07.02	112703	14	120	05.96- 07.02	114460	12	1.4	
		05.96-	113485	14	80					
GS 1.0	[G10]					07.71- 09.77	110821			
						05.75- 09.77	110821			
GS 1.1	[G11/631]	09.77- 07.81	110757			09.77- 07.81	110821			
GS 1.2	[G12/611]					04.73- 06.79	110821			
						04.73- 06.79	110821			
GSA 1.1 Special	[G11/631]	07.80- 05.82	110757			07.80- 05.82	110821			
GSA 1.2	[G12/611]					04.73- 06.79	110821			
						04.73- 06.79	110821			
GSA 1.3	[G13/625]	09.79- 07.86	110757			09.79- 07.86	110821			
		09.79- 07.86	110757			09.79- 07.86	110821			
GSX 2 1.2	[G12/619]					09.75- 07.79	110821			
Jumper 1.9 Diesel	[DJY (XUD9A)]	01.99- 04.02	112230	14	90	07.99- 04.02	114460	12	1.4	
		02.94-	112230	14	90	02.94-	111070	12	1.7	
						02.94- 04.02	114460	12	1.4	
						01.99- 04.02	111070	12	1.7	
						03.94- 04.02	114460	12	1.4	
Jumper 1.9 TD	[D9B (XUD9A/U)]	02.94-	112230	14	90	02.94- 04.02	111070	12	1.7	
						02.94- 04.02	114460	12	1.4	
						02.94- 04.02	111070	12	1.7	
						02.94- 04.02	114460	12	1.4	
						03.94- 04.02	111070	12	1.7	
Jumper 1.9 TD 4x4	[D9B (XUD9A/U)]	02.94- 02.02	112230	14	90	08.96- 04.02	111070	12	1.7	
						08.96- 04.02	114460	12	1.4	
						02.03-	113443	12	1.4	
Jumper 2.0	[XU10J2]	02.94-	112298	14	80	02.94-	111130	12	1.1	
		02.94-	112299	14	95	A13 02.94-	113443	12	1.4	
		02.94-	112772	14	120					
						02.03-	111130	12	1.1	
						02.94- 02.02	111130	12	1.1	
Jumper 2.0 4x4	[RFW (XU10J2U)]	08.96-	112298	14	80	A13 02.94- 02.02	113443	12	1.4	
		08.96-	112299	14	95					
		08.96-	112772	14	120					
						04.02-	114460	12	1.4	
						04.02-	111070	12	1.7	
Jumper 2.0 HDi	[DW10UTD]	11.01- 04.02	112480	14	90	11.01- 04.02	111070	12	1.7	
		11.01- 04.02	112461	14	150					
		04.02-	112460	14	150	04.02-	114460	12	1.4	
		04.02-	112461	14	150	04.02-	111070	12	1.7	
		04.02-	112480	14	90					
		04.02-	113640	14	150					
		04.02-	113946	14	90					
AC 04.02-	113640	14	150							
Jumper 2.2 HDi 16V	[4HY (DW12TED)]	04.02-	112480	14	90	04.02-	111070	12	1.7	
Jumper 2.2 HDi	[4HY (DW12TED)]	04.02-	112460	14	150	04.02-	111070	12	1.7	
		04.02-	113946	14	90					
		AC 04.02-	113640	14	150					
		04.06-	113958	14	150	04.06-	113959	12	2.0	
		04.06-	113958	14	150	04.06-	113959	12	2.0	
		04.06-	113958	14	150	04.06-	113959	12	2.0	
		04.02-	112480	14	90	04.02-	114460	12	1.4	
		04.02-	113640	14	150					
		04.02-	113946	14	90					
		AC 04.02- 05.04	112461	14	150					
		AC 04.02-	113640	14	150					
		02.02- 06.06	113640	14	150					
AC 02.02- 06.06	112460	14	150							
AC 02.02- 06.06	112480	14	90							
AC 02.02- 06.06	113946	14	90							
Jumper 2.5 Diesel	[T9A (DJ5)]	03.94-	112299	14	95	03.94-	112053	12	2.2	
		02.94- 04.02	112772	14	120					
Jumper 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 04.02	112772	14	120	02.94- 04.02	112053	12	2.2	
		02.94- 04.02	112299	14	95					
Jumper 2.5 TD	[T8A (DJ5T)]	03.94-	112299	14	95	03.94-	112053	12	2.2	
		02.94- 04.02	112772	14	120					
Jumper 2.5 TD 4x4	[T8A (DJ5T)]	02.94- 04.02	112299	14	95	02.94- 02.02	112053	12	2.2	
		02.94- 04.02	112772	14	120					
Jumper 2.5 TDI	[THX (DJ5TED)]	12.96- 02.02	112299	14	95	12.96- 02.02	112053	12	2.2	
		12.96- 02.02	112772	14	120					
Jumper 2.5 TDI 4x4	[THX (DJ5TED)]	10.96- 04.02	112772	14	120	10.96- 04.02	112053	12	2.2	
		10.96- 04.02	112299	14	95					
Jumper 2.8 Diesel	[8140.63 (F28D)]	01.99- 02.02	111498	14	110	01.99- 02.02	113451	12	2.2	
		01.99-	111498	14	110	01.99-	113451	12	2.2	
		01.99-	112681	14	80					
Jumper 2.8 HDi	[8140.63 (F28D)]	01.99- 02.02	112681	14	80					
		05.04-	113247	14	120	05.04-	113451	12	2.2	
						05.04-	112436	12	2.3	
		09.00- 04.02	113950	14	90	Chas. -17600143	09.00-	112436	12	2.3
		09.00-	113247	14	120	04.02-	112026	12	2.6	
						Chas. 17600144-	04.02-	113935	12	2.5
		10.00- 01.02	113950	14	90					
		10.00- 01.02	113247	14	120					
		09.00-	113247	14	120	Chas. -17600143	09.00-	112436	12	2.3
		09.00- 04.02	113950	14	90	04.02-	112026	12	2.6	
Jumper 2.8 HDi 4x4	[8140.43S]	09.00-	113247	14	120	Chas. 17600144-	04.02-	113935	12	2.5
		02.02- 06.06	113247	14	120					
				02.02- 06.06	113950	14	90			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CITROËN** Continued

Jumper 2.8 TD	[8140.43]	10.99- 10.99-	111498 112681	14 14	110 80	10.99-	113451	12	2.2
Jumper 3.0 HDi 145	[F1CE348IN]					07.10-	114054	12	2.5
Jumper 3.0 HDi 155	[F1CE348IN]					07.10-	114054	12	2.5
Jumper 3.0 HDi 180		07.11-	114082	14	180	07.11-	114054	12	2.5
Jumpy 1.6	[1580SPI]	10.95- 10.95- 10.95-	111411 111416 111568	14 14 14	75 65 85	10.95-	112124	12	0.9
	[220A2.000]	10.95- 10.95- 10.95-	111411 111416 111568	14 14 14	75 65 85				
Jumpy 1.6 i	[1580SPI]					10.95-	112124	12	0.9
	[220A2.000]	10.95-	111568	14	85	10.95- 02.01	112124	12	0.9
	[1580SPI]	10.95-	111568	14	85				
	[220A2.000]	10.95-	111416	14	65				
Jumpy 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14	150	01.07- 01.07-	114030 113254	12	2.2 1.1
	[DV6UTED4]	01.07-	113640	14	150	01.07- 01.07-	114030 113254	12	2.2 1.1
Jumpy 1.9 Diesel	[WJZ (DW8)]	04.98- 02.01	112058	14	70	04.98-	114460	12	1.4
	[WJZ (DW8)]	10.98- 08.01	113603	14	80	04.98- 08.01	111070	12	1.7
	[D9B (XUD9A/U)]	10.95- 10.95- 10.95- 10.95- PS 10.95- ACPS 10.95- AC 10.95- AC 10.95-	112230 112292 113485 111893 112688 112703 113485	14 14 14 14 14 14 14 14	90 70 80 70 95 120 80	10.95- 10.95-	114460 111070	12	1.4 1.7
	[WJZ (DW8)]	04.98- 02.01 04.98- 02.01 AC 04.98-	112480 113503 113503	14 14 14	90 120 120				
Jumpy 1.9 TD	[DHX (XUD9TF/BTF)]	10.95- ACPS 10.95- PS 10.95- PS 10.95- PS 10.95- 04.96- 04.96- 10.99- 02.01 10.99- 02.01 10.99- 02.01 AC 04.96- AC 04.96- AC 04.96-	112230 112688 112078 111893 112230 112292 112058 112480 113503 112688 112703 113485	14 14 14 14 14 14 14 14 14 14 14 14	90 95 120 70 90 70 70 90 120 95 120 80	10.95- 10.95- 10.99- 10.99- 04.96- 02.01	111070 114460 114460 111070	12	1.7 1.4 1.4 1.7
	[DHX (XUD9TF/BTF)]	10.95- 10.95- 02.01 10.95- 10.95- 10.95- PS 10.95- AC 10.95- AC 10.95-	111893 112292 112688 112703 113485 111893 112703 113485	14 14 14 14 14 14 14 14	70 70 95 120 80 70 120 80				
Jumpy 2.0	[RFN (EW10J4)]	04.00-	113503	14	120	04.00-	112347		
	[RFN (EW10J4)]	04.00- 12.02 04.00- AC 04.00-	112461 112480 112460	14 14 14	150 90 150				
Jumpy 2.0 i 16V	[RFN (EW10J4)]	AC 03.00-	112460	14	150	03.00-	112347		
	[RFN (EW10J4)]	03.00- 12.02 03.00- 03.00-	112461 112480 113503	14 14 14	150 90 120				
Jumpy 2.0 HDi	[RHW (DW10ATED4)]	03.00- 10.06 03.00- 10.06	112480 113640	14 14	90 150	03.00- 10.06 03.00- 10.06	114460 111070	12	1.4 1.7
	[RHZ (DW10ATED)]	03.00-	113640	14	150	03.00- 10.06	114460	12	1.4
	[RHZ (DW10ATED)]	10.99- 12.02	112461	14	150	10.99-	111070	12	1.7
	[RHX (DW10BTED)]	10.99- 12.02	112461	14	150	01.99- 07.02	111070	12	1.7
	[RHX (DW10BTED)]	10.99-	112460	14	150	10.99-	114460	12	1.4
	[RHR (DW10UTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9
	[RHR (DW10BTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9
	[RHW (DW10ATED4)]	03.00- 10.06 03.00- 10.06	112460 112461	14 14	150 150				
	[RHX (DW10BTED)]	10.99- 10.99- AC 10.99-	112480 113640 112460	14 14 14	90 150 150				
	[RHZ (DW10ATED)]	03.00- AC 10.99-	112480 112460	14 14	90 150				
Jumpy 2.0 HDi 165	[RHH (DW10CTED4)]					07.10-	114054	12	2.5
LNA 0.6	[R06627]	11.76- 07.79	110743	14	30	11.76- 07.79	113753	12	0.9
	[V06630]	11.78- 07.82	110743	14	30	11.78- 07.82	113753	12	0.9
	[V06644]					07.82- 04.85	111068	12	0.85
LNA 1.0	[108C]	07.84- 10.86 07.84- 10.86	110916 111075	14 14	40 55	A27 07.84- 10.86	111068	12	0.85
LNA 1.1	[109/5E]	07.82- 04.85 07.82- 04.85	110916 111075	14 14	40 55	07.82- 04.85	111068	12	0.85
Mehari 0.6	[A06/635]					10.79- 10.87	111100	12	0.7
	[M28/1]	09.68- 10.87	110743	14	30	05.68- 10.79	111100	12	0.7
	[M28/1 (AK2)]					10.79- 10.87	111100	12	0.7
Mehari 0.6 4x4	[A06/635]					10.79- 10.87	111100	12	0.7
Nemo 1.4 HDi	[8HS (DV4TED)]					04.09- 04.09-	113254 113933	12	1.1 1.5
	[DV4TED]					02.08- 02.08-	113254 113933	12	1.1 1.5
Relay 2.8 Diesel	[8140.63 (F28D)]	01.99- 02.02	113755	14	150	01.99- 02.02	113451	12	2.2
	[8140.63 (F28D)]	01.99- 02.02	111498	14	110				
Saxo 1.0	[CDZ (TU9M)]	05.96- 09.03 05.98- 09.03	110619 112782	14 14	70 80	02.96- 09.03 02.96- 09.03	111994 110584	12	0.7 1.2
Saxo 1.1	[HDZ (TU1M)]	03.00- 05.96- 05.96- PS 03.00- AC 03.00-	112648 110619 112782 113258 113258	14 14 14 14 14	70 70 80	05.96-	110584	12	1.2
	[HFX (TU1JP)]	03.00- 05.96- 09.03	113258 110619	14 14	70 70	03.00- 09.03 03.00- 09.03	111994 110584	12	0.7 1.2
Saxo 1.4 VTS	[KFW (TU3JP)]	05.96- 06.03	110619	14	70	06.00- 09.03	111994	12	0.7
	[KFX (TU3JP)]	03.00- 05.96- 06.03	112648 110619	14 14	70 70	05.96-	110584	12	1.2
		05.96- 09.99- PS 05.96-	112782 111723 113258	14 14 14	80 70				
Saxo 1.5 Diesel	[VJY (TUD5)]	09.96- 09.96- 09.96-	111532 112287 112467	14 14 14	80 70 90	09.96-	111029	12	1.4
	[VJZ (TUD5)]	05.96- 09.96- 09.96-	111532 112287 112467	14 14 14	80 70 90	09.96-	111029	12	1.4



Saxo 1.6	[NFZ (TU5JP)]	03.00-	112648	14	70	05.96-	110584	12	1.2
		05.96-	110619	14	70				
		05.96-	111723	14	70				
		05.96-	112782	14	80				
		09.98-	113404	14	90				
		PS 03.00-	113258						
Saxo 1.6 16V	[NFX (TU5JP4)]	06.96-	112782	14	80	06.96-	110584	12	1.2
Saxo 1.6 VTS	[NFT (TU5JP/L4)]	09.00-	111723	14	70	09.00-	110584	12	1.2
	[NFT (TU5JP/L4)]	09.00-	112782	14	80				
Various Models						07.84-	110821		
						03.91-	111130	12	1.1
						05.94-	113443	12	1.4
						10.85-	111115	12	2.2
						09.81-	110793	12	0.9
						07.88-	110584	12	1.2
						01.85- 07.88	111068	12	0.85
						07.85- 01.93	111070	12	1.7
						10.84- 01.93	110587	12	1.2
Visa 1.0	[108/5C]	09.84- 06.88	110916	14	40	09.84- 06.88	111068	12	0.85
		09.84- 06.88	111075	14	55				
Visa 1.1	[109/5]	09.78- 03.91	110916	14	40	09.84- 03.91	111068	12	0.85
		09.78- 03.91	111075	14	55				
	[109/5F]	07.82- 03.91	110916	14	40	07.82- 03.91	111068	12	0.85
		07.82- 03.91	111075	14	55				
Visa 1.2 Super X	[129/5]	09.78- 06.88	110916	14	40	11.84- 06.88	111068	12	0.85
		09.78- 06.88	111075	14	55				
Visa 1.4	[150D (XV7)]	07.84- 03.91	110916	14	40	07.84- 03.91	111068	12	0.85
		07.84- 03.91	111075	14	55				
Visa 1.4 GT	[150B (XV8)]	03.82- 03.91	110916	14	40	03.82- 03.91	111068	12	0.85
		03.82- 03.91	111075	14	55				
Visa 1.6 GTI	[KAZ (XV7CP)]					07.82- 03.91	111068	12	0.85
	[180A (XU5J)]	10.84- 12.89	111076	14	50	01.85- 03.91	111130	12	1.1
		10.84- 12.89	111173#	14	80				
Visa 1.7 Diesel	[161A (XUD7)]	10.84- 03.91	111076	14	50	06.86- 03.91	111130	12	1.1
		10.84- 03.91	111173#	14	80				
		01.84- 03.91	111173#	14	80				
Xantia 1.6 i	[BFZ (XU5JP)]	03.93- 01.98	112298	14	80	A13 03.93- 01.98	113443	12	1.4
		03.93- 01.98	112299	14	95	03.93- 01.98	111130	12	1.1
		03.93- 01.98	112772	14	120				
Xantia 1.6 i SX	[XU5JP]	01.98- 03.01	112298	14	80	01.98- 03.01	111130	12	1.1
		01.98- 03.01	112299	14	95	01.98- 03.01	113443	12	1.4
Xantia 1.8 i 16V	[LFY (XU7JP4)]	01.98- 03.01	113438#	14	80				
		06.95- 01.98	111318	14	80	06.95- 01.98	111130	12	1.1
Xantia 1.8 i	[LFY (XU7JP4)]	06.95- 04.03	113604	14	95	A13 06.95- 01.98	113443	12	1.4
	[LFZ (XU7JP)]	03.93- 01.98	112298	14	80	03.93- 01.98	111130	12	1.1
		03.93- 01.98	112772	14	120	A13 03.93- 01.98	113443	12	1.4
	[LFX (XU7JB)]	04.97-	111318	14	80	A13 04.97-	113443	12	1.4
		AC				04.97-	111130	12	1.1
Xantia 1.9 Diesel	[DHW (XUD9SD)]	02.96-	112688	14	95	02.96-	111070	12	1.7
		02.96-	112703	14	120	02.96- 04.03	114460	12	1.4
	[D9B (XUD9A/L)]	06.94-	112230	14	90	06.94-	111070	12	1.7
		06.94-	112292	14	70	06.94- 01.98	114460	12	1.4
		06.94-	112688	14	95				
		06.94-	112703	14	120				
	[DHW (XUD9SD)]	04.97-	112230	14	90				
	[DJZ (XUD9V)]	06.94-	112230	14	90	06.94-	111070	12	1.7
		06.94-	112292	14	70	06.94- 01.98	114460	12	1.4
		06.94-	112688	14	95				
	06.94-	112703	14	120					
Xantia 1.9 TD	[DDB (XUD9TF)]	01.98-	112688	14	95	09.95- 04.03	114460	12	1.4
		06.95-	112703	14	120	10.94- 04.03	114460	12	1.4
	[DHX (XUD9TF/BTF)]	06.95-	112688	14	95	07.93- 01.98	111070	12	1.7
	[DHY (XUD9TE/Y)]	06.95-	112688	14	95	10.94- 04.03	114460	12	1.4
		06.95-	112703	14	120	07.93-	111070	12	1.7
	[DDB (XUD9TF)]	01.98-	112703	14	120	01.98-	111070	12	1.7
	[DHX (XUD9TF/BTF)]	07.93-	112230	14	90				
		07.93-	112292	14	70				
		AC 07.95-	112703	14	120				
	[DHY (XUD9TE/Y)]	07.93-	112230	14	90				
Xantia 2.0 i 16V	[RFV (XU10J4R)]	06.95- 04.03	113604	14	95	01.98-	113443	12	1.4
						Stationcar 06.95- 01.98	111130	12	1.1
	[RFT (XU10J4/Z)]	03.93- 12.98	112772	14	120	05.89- 06.94	113443	12	1.4
		06.94-	112298	14	80				
		06.94-	112299	14	95				
	[RFV (XU10J4R)]	06.95-	111318	14	80				
		01.98-	112299	14	95				
	[RFY (XU10J4/Z)]	03.93- 12.98	112298	14	80				
	03.93- 12.98	112299	14	95					
Xantia 2.0 i	[RFX (XU10J2C)]	03.93- 01.98	112298	14	80	03.93- 01.98	111130	12	1.1
		03.93- 01.98	112772	14	120	03.93- 01.98	113443	12	1.4
	[RFX (XU10J2)]	01.98-	112299	14	95	01.98-	111130	12	1.1
		03.93- 01.98	112299	14	95	01.98-	113443	12	1.4
	[RFX (XU10J2C)]	06.95-	111318	14	80				
	06.95- 01.98	113604	14	95					
Xantia 2.0 Turbo	[RGX (XU10J2TE)]	06.95- 04.03	113604	14	95	06.95- 01.98	111130	12	1.1
		06.95- 01.98	111318	14	80	06.95- 01.98	113443	12	1.4
Xantia 2.0 HDI	[RHY (DW10TD)]	03.99-	113503	14	120	03.99- 04.03	114460	12	1.4
		AC 03.99-	112460	14	150	03.99-	111070	12	1.7
	[RHZ (DW10ATED)]	02.99-	112480	14	90	02.99- 04.03	114460	12	1.4
		AC 02.99-	112460	14	150	02.99-	111070	12	1.7
Xantia 2.1 TD 12V	[RHY (DW10TD)]	03.99-	112480	14	90				
Xantia 3.0 i 24V	[P8C (XUD11BTE)]	06.95-	112703	14	120	06.95- 02.99	114460	12	1.4
		06.95-	112688	14	95	06.95-	111070	12	1.7
Xantia 3.0 V6	[XFZ (ES9J4)]	01.97- 01.98	111941#	14	150				
		12.97- 01.98	111944#	14	120				
	01.98-	111941#	14	150	03.89-	111129	12	1.4	
					03.89-	111129	12	1.4	
		01.98-	111941#	14	150				
		12.97-	111944#	14	120				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

CITROËN Continued

XM 2.0	[R2A (XU102C)]	05.89- 04.94	112688	14	95	05.89- 04.94	111130	12	1.1	
		05.89- 04.94	113604	14	95	05.89- 04.94	113443	12	1.4	
	[R2A (XU102C)]	05.89- 04.94	112299	14	95					
		05.89- 04.94	111175#	14	80					
		05.89- 04.94	112762#	14	70					
[RDZ (XU10M2)]	05.89- 04.94	112793	14	70	05.89- 04.94	111130	12	1.1		
	05.89- 04.94	111175#	14	80						
	05.89- 04.94	112762#	14	70						
[XU102C]	05.89- 04.94	112793	14	70	05.89- 04.94	111130	12	1.1		
	05.89- 04.94	111175#	14	80						
	05.89- 04.94	112762#	14	70						
XM 2.0 i 16V	[RFV (XU10J4R)]	05.94- 05.95	112298	14	80	A13 05.94-	113443	12	1.4	
		05.94- 05.95	112299	14	95	05.94-	111130	12	1.1	
		05.94- 10.00	113604	14	95					
	Chas. 6779- 05.95-	10.00	111318	14	80					
	Chas. -6778 05.94-	05.95	112298	14	80					
	Chas. -6778 05.94-	05.95	112299	14	95					
	Chas. -6778 05.94-	05.95	112772	14	120					
	Chas. -6778 05.94-	05.95	112762#	14	70					
	[RGY (XU10J2TE/Z)]	Chas. -6778 09.92-	06.94	111175#	14	80	09.92- 06.94	111130	12	1.1
		Chas. -6778 09.92-	06.94	112762#	14	70	A13 09.92- 06.94	113443	12	1.4
XM 2.0 i	[RDZ (XU10M2)]	05.89- 04.94	111175#	14	80	05.89- 04.94	111130	12	1.1	
		05.89- 04.94	112762#	14	70	A13 03.91- 04.94	113443	12	1.4	
	[RFZ (XU10J2)]	05.89- 06.94	111175#	14	80	A13 05.89- 06.94	113443	12	1.4	
		05.89- 06.94	112762#	14	70	05.89- 06.94	111130	12	1.1	
		Chas. -6778 11.91-	06.94	111175#	14	80				
Chas. -6778 11.91-	06.94	112762#	14	70						
XM 2.0 Turbo	[RGX (XU10J2TE)]	05.94- 10.00	113604	14	95	05.94-	111130	12	1.1	
		05.94- 05.95	111175#	14	80	A13 05.94-	113443	12	1.4	
		05.94- 05.95	112231#	14	90					
		06.95-		111318	14	80				
		Chas. 6779- 05.95-		111318	14	80				
	Chas. 6779-									
	Chas. -6778 05.94-	05.95	111175#	14	80					
	Chas. -6778 05.94-	05.95	112762#	14	70					
	[RGY (XU10J2TE/Z)]	09.92- 05.95	111175#	14	80	09.92- 10.00	111130	12	1.1	
		09.92- 06.94	112762#	14	70	A13 09.92- 06.94	113443	12	1.4	
XM 2.1 Diesel	[P9A (XUD11A)]	11.91- 12.95	111175#	14	80	11.91- 04.94	114460	12	1.4	
	[P9A (XUD11A)]	11.91- 12.95	112793	14	70	05.89- 06.94	111070	12	1.7	
	[P9A (XUD11A)]	05.89- 07.93	112762#	14	70					
		11.91- 12.95	112231#	14	90					
AC 05.89- 07.93		111175#	14	80						
XM 2.1 TD 12V	[P8A (XUD11ATE)]	05.89- 06.94	112793	14	70	05.89- 06.94	111070	12	1.7	
		05.89- 06.94	111175#	14	80					
		05.89- 06.94	112762#	14	70					
	07.93- 06.94	112231#	14	90						
	Chas. 6779- 05.94-		112688	14	95					
	Chas. 6779- 05.94-		112703	14	120					
	Chas. -6778									
	Chas. -6778 05.94-		112231#	14	90					
	AC 05.89- 06.94		111175#	14	80					
	[P8C (XUD11BTE)]	05.94- 06.95	112231#	14	90	05.94- 10.00	114460	12	1.4	
07.95-		112688	14	95	05.94-	111070	12	1.7		
07.95-		112703	14	120						
Chas. 6779- 05.94-			112688	14	95					
Chas. 6779- 05.94-			112703	14	120					
Chas. -6778										
Chas. -6778 05.94-		112231#	14	90						
[PHZ (XUD11ATE)]	05.89- 06.94	112793	14	70	05.89- 10.00	111070	12	1.7		
	05.89- 06.94	111175#	14	80	05.94- 10.00	114460	12	1.4		
	05.89- 06.94	112762#	14	70						
05.94- 06.95	112231#	14	90							
07.95-	112688	14	95							
07.95-	112703	14	120							
Chas. 6779- 05.94-		112688	14	95						
Chas. 6779- 05.94-		112703	14	120						
Chas. -6778										
Chas. -6778 05.94-		112231#	14	90						
[PJZ (XUD11ATE)]	09.93- 06.94	112793	14	70	05.89- 10.00	111070	12	1.7		
	09.93- 06.94	111175#	14	80	05.94- 10.00	114460	12	1.4		
	09.93- 06.94	112762#	14	70						
XM 2.5 TD	[THY (DK5ATE)]	05.94-	112772	14	120	05.94-	113443	12	1.4	
XM 3.0 V6 24V	[SKZ (ZPJ4/Z)]	07.90- 06.94	111175#	14	80	07.90- 06.94	111129	12	1.4	
		07.90- 06.94	112762#	14	70					
XM 3.0 V6	[UKZ (ZPJ4/Z)]					07.90- 10.00	111129	12	1.4	
	[SFZ (ZPJ/Z)]	05.89- 06.94	111175#	14	80	05.89- 06.94	111129	12	1.4	
		05.89- 06.94	112762#	14	70					
	[UFZ (ZPJ/Z)]	05.89- 04.94	111175#	14	80	05.89- 10.00	111129	12	1.4	
		05.89- 04.94	112762#	14	70					
[XFZ (ES9J4)]	04.97-	111941#	14	150						
04.97-	111944#	14	120							
Xsara 1.4 i	[KFW (TU3JP)]	04.97- 08.05	110619	14	70	09.00-	111994	12	0.7	
	[KFX (TU3JP)]	04.97- 08.05	110619	14	70	04.97- 08.00	111994	12	0.7	
		03.98- 02.01	111723	14	70	04.97- 08.00	110584	12	1.2	
	[KFW (TU3JP)]	04.97-	113575	14	80	04.97-	110584	12	1.2	
	[KFW (TU3JP)]	09.00-	111723	14	70					
		09.00-	112469	14	90					
		09.00-	112782	14	80					
[KFX (TU3JP)]	04.97- 02.01	112782	14	80						
AC 04.97-		111723	14	70						
Xsara 1.4 HDI	[8HX (DV4TD)]	01.03- 03.05	113872#	14	80	01.03-	113254	12	1.1	
	[8HX (DV4TD)]	01.03-	113246	14	90					
		01.03-	113250	14	70					
		01.03-	113755	14	150					
Xsara 1.5 Diesel	[VJZ (TUD5)]	04.97-	111532	14	80	04.97-	111029	12	1.4	
		04.97-	112287	14	70					
Xsara 1.6 Picasso	[NFV (TU5JP/L4)]	09.00-	112469	14	90	09.00-	110584	12	1.2	
		09.00-	113575	14	80	09.00-	111994	12	0.7	
		09.05-	113755	14	150	06.02-	110584	12	1.2	
		06.02-	112058	14	70	06.02-	111994	12	0.7	
	[NFV (TU5JP/L4)]	09.00-	113405	14	70					
	[NFZ (TU5JP)]	01.00-	113603	14	80	01.00-	110584	12	1.2	
	06.00-	112469	14	90	01.00-	111994	12	0.7		
	06.00-	113405	14	70						
	06.00-	113575	14	80						
Xsara 1.6 16V	[NFU (TU5JP4)]	09.00-	113405	14	70	11.00-	111994	12	0.7	
		09.00- 08.05	113575	14	80	11.00-	110584	12	1.2	
	[NFU (TU5JP4)]	09.00-	111723	14	70					
	09.00-	112782	14	80						
Xsara 1.6 16V Picasso	[NFV (TU5JP4)]	09.05-	113575	14	80					



Xsara 1.6 i	[NFZ (TU5JP)]	04.97- 09.00	112782	14	80	10.97- 09.00	111994	12	0.7	
		10.97-	110619	14	70	10.97- 09.00	110584	12	1.2	
		10.97- 09.00	111723	14	70					
Xsara 1.6 HDi Picasso	[9HY (DV6TED4)]	05.04-	113640	14	150	05.04-	114030	12	2.2	
		09.05-	113755	14	150	09.05-	114030	12	2.2	
	[DV6ATED4]	05.04-				05.04-	113254	12	1.1	
		05.04-				05.04-	113933	12	1.5	
Xsara 1.8 16V Picasso	[6FZ (EW7J4)]	02.00-	113575	14	80	09.05-	113254	12	1.1	
		02.00-	112480	14	90	02.00-	112347			
	[LFY (XU7JP4)]	01.00-	113603	14	80					
		02.00-	112469	14	90					
	[6FZ (EW7J4)]	02.00-	112480	14	90					
		02.00-	113503	14	120					
		02.00-	112469	14	90					
Xsara 1.8 i 16V	[LFY (XU7JP4)]	10.97-	111318	14	80	04.97-	111130	12	1.1	
		02.98- 09.00	113604	14	95	04.97-	113443	12	1.4	
Xsara 1.8 i	[LFX (TU7JB)]	04.97- 09.00	113604	14	95	10.97-	113443	12	1.4	
		10.97-	111318	14	80	10.97-	111130	12	1.1	
	[LFX (XU7JB)]	02.98-	111318	14	80	02.98-	113443	12	1.4	
		02.98- 09.00	113604	14	95	02.98-	111130	12	1.1	
	[LFX (XU7JP)]	10.97-	111318	14	80	10.97-	113443	12	1.4	
		10.97- 09.00	113604	14	95	10.97-	111130	12	1.1	
	[LFZ (XU7JP)]	04.97- 09.00	112298	14	80	04.97- 09.00	111130	12	1.1	
		04.97- 09.00	112299	14	95	04.97- 09.00	113443	12	1.4	
		04.97- 09.00	112772	14	120					
		04.97-	112793	14	70					
04.97- 09.00		113438#	14	80						
AC 04.97- 09.00		112772	14	120						
Xsara 1.8 Diesel	[161A (XUD7)]	04.97-	112230	14	90	04.97- 09.00	114460	12	1.4	
		04.97-	112292	14	70	04.97-	111070	12	1.7	
		PS 04.97-	111893	14	70					
		PS 04.97-	112688	14	95					
		PS 04.97-	113485	14	80					
		AC 04.97-	112703	14	120					
	[A9A (XUD7)]	10.97-	112230	14	90	04.97- 09.00	111070	12	1.7	
		10.97-	112292	14	70	10.97- 09.00	114460	12	1.4	
		PS 10.97-	111893	14	70					
		PS 10.97-	112688	14	95					
ACPS 10.97-	113485	14	80							
	112703	14	120							
Xsara 1.8 TD					10.97-	111070	12	1.7		
Xsara 1.9 Diesel	[DJY (XUD9A)]	04.97- 02.99	112230	14	90	04.97- 02.99	111070	12	1.7	
		04.97- 02.99	112292	14	70	04.97- 09.00	114460	12	1.4	
	[WJY (DW8B)]	09.00-	113603	14	80	07.98- 08.05	114460	12	1.4	
		07.98- 08.00	113603	14	80	07.98-	111070	12	1.7	
	[DHW (XUD9BSD)]	ACPS 01.98-	112688	14	95	01.98-	111070	12	1.7	
		ACPS 01.98-	113485	14	80	01.98- 09.00	114460	12	1.4	
	[WJZ (DW8)]	04.98- 08.00	113503	14	120	07.98- 08.05	114460	12	1.4	
		01.98-	112230	14	90					
	[DHW (XUD9BSD)]	01.98-	112292	14	70					
		02.98- 02.99	112688	14	95					
	[DJY (XUD9A)]	02.98- 02.99	113485	14	80					
		PS 10.97-	111893	14	70					
		PS 10.97-	112688	14	95					
		PS 10.97-	113485	14	80					
		ACPS 04.97-	112688	14	95					
		ACPS 04.97-	113485	14	80					
		ACPS 10.97-	112703	14	120					
		[WJY (DW8B)]	09.00-	113503	14	120				
		[WJZ (DW8)]	07.98-	112058	14	70				
07.98-		112480	14	90						
Xsara 1.9 TD	[DHY (XUD9TE/Y)]	04.97- 02.01	112292	14	70	04.97- 09.00	114460	12	1.4	
		04.97- 02.01	112230	14	90	04.97- 02.01	111070	12	1.7	
	[DHY (XUD9TE/Y)]	04.97- 02.01	112688	14	95					
		02.98- 02.01	111893	14	70					
	[DHY (XUD9TE/Y)]	02.98- 02.01	112703	14	120					
		02.98- 02.01	113485	14	80					
	PS 04.97-	111893	14	70						
		113485	14	80						
113485		14	80							
113485		14	80							
ACPS 10.97-	113485	14	80							
AC 04.97-	112703	14	120							
AC 10.97-	112688	14	95							
Xsara 2.0 16V	[RFN (EW10J4)]	09.00- 08.05	113603	14	80	11.00-	112347			
		09.00-	112480	14	90					
	[RFS (XU10J4RS)]	04.97-	111318	14	80	04.97-	113443	12	1.4	
		04.97- 09.00	113604	14	95	04.97-	111130	12	1.1	
[RFV (XU10J4R)]	07.98-	111318	14	80	07.98-	111130	12	1.1		
	07.98- 09.00	113604	14	95	07.98-	113443	12	1.4		
Xsara 2.0 16V Picasso	[RFN (EW10J4)]	03.01-	112469	14	90					
03.01-	113603	14	80							
Xsara 2.0 i 16V	[RFS (XU10J4RS)]	02.98-	111318	14	80	02.98-	113443	12	1.4	
		02.98- 03.05	113604	14	95	02.98-	111130	12	1.1	
Xsara 2.0 HDi	[RHY (DW10TD)]	AC 02.99-	112460	14	150	02.99- 03.05	111070	12	1.7	
		02.99- 03.05	113503	14	120	02.99- 08.05	114460	12	1.4	
	[RHZ (DW10ATED)]	05.01-	112480	14	90	05.01-	111070	12	1.7	
		09.00- 03.05	112460	14	150	09.00- 03.05	113926	12	1.9	
	[RHY (DW10TD)]	09.00- 03.05	113755	14	150					
		02.99-	112461	14	150					
02.99- 03.05		112480	14	90						
Xsara 2.0 HDi Picasso	[RHZ (DW10ATED)]	AC 05.01-	112460	14	150					
[RHY (DW10TD)]	04.00-	112480	14	90	04.00-	111070	12	1.7		
	04.00-	113503	14	120	12.99-	114460	12	1.4		
	AC 04.00-	112460	14	150						
ZX 1.1	[H1A]	03.91- 08.93	110619	14	70	03.91- 08.93	110584	12	1.2	
		03.91-	110619	14	70	03.91-	110584	12	1.2	
	[H1A]	03.91- 08.93	110618	14	50					
		03.91- 06.97	110618	14	50					
ZX 1.4	[KDZ (TU3M/Z)]	03.91-	110618	14	50	03.91-	110584	12	1.2	
		03.91-	110619	14	70					
	[KDZ (TU3M/Z)]	03.91-	112782	14	80					
ZX 1.4 i	[KDX (TU3M/Z)]	03.91- 06.97	110618	14	50	03.91- 06.97	110584	12	1.2	
		03.91- 06.97	110619	14	70					
		AC 03.91- 06.97	112782	14	80					
	[KDY (TU3M)]	10.93-	110618	14	50	10.93-	110584	12	1.2	
		10.93- 10.97	110619	14	70					
		10.93-	112782	14	80					
	[KDZ (TU3M/Z)]	03.91- 06.97	110618	14	50					
		03.91-	110619	14	70					
	[KFX (TU3JP)]	AC 03.91-	112782	14	80					
		03.96- 10.97	110619	14	70	05.96- 10.97	110584	12	1.2	
05.96- 10.97		110618	14	50						
06.96-		112782	14	80						
AC 05.96- 10.97		112782	14	80						
ZX 1.4 Diesel	[K9Y (TUD3Y)]	06.94- 06.97	112701#	14	70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CITROËN** *Continued*

ZX 1.6 i	[BDY (XU5M)]	03.91- 12.94	112230	14	90	10.93-	113443	12	1.4	
		03.91- 12.94	112793	14	70	03.91- 12.94	111130	12	1.1	
		03.91- 12.94	113438#	14	80					
		10.93-	112298	14	80					
		10.93-	112299	14	95					
	[BFZ (XU5JP)]	07.93- 01.94	112230	14	90	07.93- 10.97	111130	12	1.1	
		07.93- 10.97	112299	14	95	10.93-	113443	12	1.4	
		07.93- 10.97	112793	14	70					
		07.93- 10.97	113438#	14	80					
		10.93-	112298	14	80					
ZX 1.8 i 16V	[LFY (XU7JP4)]	01.96- 02.98	113604	14	95	01.96- 02.98	111130	12	1.1	
			111318	14	80					
ZX 1.8 i	[LFZ (XU7JP)]	07.92- 10.97	112298	14	80	A13 07.92- 10.97	113443	12	1.4	
		07.92- 10.97	112299	14	95	07.92- 10.97	111130	12	1.1	
		07.92- 10.97	112793	14	70					
		07.92- 01.94	113438#	14	80					
ZX 1.8 Diesel	[161A (XUD7)]	06.93- 06.97	111318	14	80	06.93- 06.97	111070	12	1.7	
		06.93- 06.97	111893	14	70	06.93- 10.97	114460	12	1.4	
ZX 1.9 i	[DKZ (XU9JA)]	03.91- 10.97	112298	14	80	A13 03.91- 10.97	113443	12	1.4	
		03.91- 10.97	112299	14	95	03.91- 10.97	111130	12	1.1	
		03.91- 10.97	112793	14	70					
ZX 1.9 Diesel	[D9B (XUD9A/U)]	03.91- 06.95	112292	14	70	06.94-	111070	12	1.7	
		03.91- 02.95	112770#	14	50	06.94- 10.97	114460	12	1.4	
		06.94-	112688	14	95					
		06.94-	112703	14	120					
		06.94-	113485	14	80					
		07.95- 10.97	111893	14	70					
		Chas. -6778 03.91- 06.95	112292	14	70					
		Chas. 6629- 06.94-	112688	14	95					
		Chas. 6629- 06.94-	112703	14	120					
		Chas. 6629- 06.94-	113485	14	80					
		ACPS 06.94- 06.97	114026	14	80					
		AC.PS. SteInr. 6629- 06.94-	111893	14	70					
		[DJZ (XUD9Y)]	03.91-	112292	14	70	03.91- 10.97	114460	12	1.4
			06.95- 01.98	112703	14	120	03.91- 01.98	111070	12	1.7
			Eng. -6778 03.91- 01.98	112292	14	70				
	Eng. -6778 03.91- 01.98	112770#	14	50						
	Chas. -6778 10.93-	112770#	14	50						
	Chas. -6628 10.93-	112292	14	70						
	ACPS 03.91- 10.97	114026	14	80						
	AC 03.91- 01.98	112230	14	90						
ZX 1.9 TD	[DHY (XUD9TE/Y)]	07.92- 05.95	112230	14	90	07.92- 10.97	114460	12	1.4	
		07.92- 06.95	112292	14	70	07.92- 10.97	111070	12	1.7	
		07.92- 11.95	112770#	14	50					
		07.95- 10.97	111893	14	70					
		Chas. 6629- 07.92- 10.97	112688	14	95					
		Chas. 6629- 07.92- 10.97	112703	14	120					
		Chas. 6629- 07.92- 10.97	113485	14	80					
	ACPS 10.93- 10.97	114026	14	80						
ZX 2.0 i 16V	[RFS (XU10J4RS)]	05.96-	111318	14	80					
		05.96- 06.97	113604	14	95					
	[RFT (XU10J4/Z)]	07.92- 10.97	111318	14	80	07.92- 10.94	111130	12	1.1	
		07.92- 06.97	113604	14	95					
		06.94-	112298	14	80					
		06.94-	112299	14	95					
	[RFY (XU10J4/Z)]	06.94-	112793	14	70					
		06.94-	113438#	14	80					
		07.92- 10.94	112298	14	80	07.92- 10.94	113443	12	1.4	
		07.92- 10.94	112299	14	95					
ZX 2.0 i	[RFX (XU10J2C)]	07.92- 10.94	112793	14	70					
		07.92- 10.94	113438#	14	80					
		07.92- 06.96	112298	14	80	07.92- 10.97	113443	12	1.4	
		07.92- 06.96	112299	14	95					
		07.92- 06.97	113604	14	95					
		Chas. 7175- 06.96- 10.97	111318	14	80					
Chas. -7174 07.92- 06.96	112298	14	80							
Chas. -7174 07.92- 06.96	112299	14	95							
Chas. -7174 07.92- 06.96	113438#	14	80							
<b>PASSENGER CARS AO</b>										
AX 1.4 4x4	[K2A]	09.86- 07.92	112754	14	70					
		AC 09.86- 07.92	114026	14	80					
Berlingo 2.0 HDi 4x4	[RHY (DW10TD)]	03.04- 10.05	112058	14	70	11.02- 10.05	111070	12	1.7	
		11.02- 10.05	113640	14	150					
		11.02- 10.05	113755	14	150					
		03.04- 10.05	112460	14	150					
		03.04- 10.05	112480	14	90					
		03.04- 10.05	113603	14	80					
BX 1.6	[B6D]					07.82- 01.93	110587	12	1.2	
BX 1.9 GTi 4x4						10.84- 01.93	110587	12	1.2	
C3 1.4 Pluriel Hybrid	[KFV (TU3JP)]	09.05-	113755	14	150					
XM 2.1 Diesel D12 VSX	[P9A (XUD11A)]	03.96- 08.96	112688	14	95	03.96- 08.96	111070	12	1.7	
		03.96- 08.96	112703	14	120					
XM 3.0		05.89- 05.94	112299	14	95					
		05.89- 05.94	111175#	14	80					
Xsara 1.6 Picasso Chrono		04.01- 10.04	113575	14	80					
ZX 1.4 Diesel	[K9Y (TUD3Y)]	07.94- 10.97	110619	14	70	07.94- 10.97	110584	12	1.2	
		07.94- 10.97	112701#	14	70	07.94- 10.97	111029	12	1.4	
ZX 1.5 Diesel SX	[VJY (TUD5)]	06.96- 02.98	111532	14	80					
		06.96- 02.98	112287	14	70					
ZX 1.9	N2	03.91- 08.92	112292	14	70	03.91- 09.93	111130	12	1.1	
		03.91- 08.92	112793	14	70	03.91- 09.93	113443	12	1.4	
		03.91- 08.92	112781#	14	80					
<b>Clark</b>										
<b>FORK LIFTS</b>										
GCX40	[Perkins]					01.90- 01.97	111222	12	2.8	
GCX50	[Perkins]					01.90- 01.97	111222	12	2.8	
GPX350	[Perkins]					01.90- 01.95	111222	12	2.8	
GPX400	[Perkins]					01.90- 01.95	111222	12	2.8	
GPX500	[Perkins]					01.90- 01.95	111222	12	2.8	
Various Models		01.95- 01.00	113310	14	50	01.75- 01.80	110347	24	7.5	
		01.75- 01.78	110173	28	75		110602	12	2.8	
							112255	12		
							01.68- 01.77	110953#	12	2.5
							01.82-	111222	12	2.8
							01.71- 01.78	111000	24	
							01.68-	110468	12	
							01.02- 01.03	113679	12	1.6
							01.65- 01.72	111007	12	
							111024	12	3.6	
							01.68-	111190	12	
							01.89- 12.95	111383	12	2.8
							01.68-	112655#	12	3.6
							112489	12	2.7	
							01.69- 01.93	110436	12	
					01.75- 01.84	112243	24			
					01.85- 01.94	113668	12	1.2		
					113189	12	2.5			
					01.89- 01.95	113454#	12	3.1		





						01.70- 01.81	110588#	12	2.0
						01.74- 01.83	111221	12	2.5
							112653	12	2.5
						01.68-	110798	12	1.5
<b>Class</b>									
<b>AGRICULTURE</b>									
48 3.9	[4.236]	06.78-	112098	14	65	06.78-	111791	12	2.4
56 4.1	[4.248]	12.83-	110641	14	33	12.83-	111791	12	2.4
66 5.8	[6.354]	12.79- 10.85	111649	14	33	06.79- 10.85	111791	12	2.4
76 6.1	[6.372]	06.78-	112098	14	65	06.78-	111791	12	2.4
85 6.1	[6.372]					10.74- 10.85	111790	12	2.4
						10.74- 10.85	111791	12	2.4
85	[OM352]					10.74- 05.76	110525	12	3.0
						10.74- 10.85	111790	12	2.4
86 5.7	[OM352]	06.78-	112098	14	65	06.78-	111790	12	2.4
96 5.7	[OM352]	09.79- 10.85	112098	14	65	09.79- 10.85	111790	12	2.4
96	[OM352]	06.78-	112098	14	65				
105	[OM360]	04.82-	112098	14	65				
106	[OM401]	05.80-	113611	14	90	05.80-	110539	12	3.6
						05.80- 10.85	113268	12	1.6
675	[OM360]	10.74-	113611	14	90				
680	[OM421]	10.74-	113611	14	90	10.74-	110539	12	3.6
690 14.6	[OM422]					10.74- 10.89	110206	24	5.4
816			113986	14	120				
826			113986	14	120				
836			113986	14	120				
850			113949	14	150				
685 SL	[OM421]	10.74-	113611	14	90	01.87-	110539	12	3.6
Combines		01.99-	111978	14	120				
Various 510 520 530 540			113986	14	120				
Various 610 620 630 640			113986	14	120				
Various Models			114000	14	120	10.74- 10.76	110775	12	1.8
						09.73- 05.76	110525	12	3.0
						01.73- 10.82	111790	12	2.4
						08.78- 10.82	110536	12	2.7
						01.73- 10.82	111791	12	2.4
<b>Compair</b>									
<b>INDUSTRY</b>									
Various Models						01.74- 01.78	110523	24	4.8
						01.76-	110439	12	2.0
<b>Conveyancer</b>									
<b>FORK LIFTS</b>									
Various Models						01.70- 01.83	110442	12	2.1
<b>Crusader</b>									
<b>MARINE</b>									
Various Models		01.00- 01.00	113692	14	70				
		01.00- 01.00	113693	14	70				
		01.00- 01.00	111250	14	42				
		01.00- 01.00	113691	14	70				
<b>Cub Cadet</b>									
<b>AGRICULTURE</b>									
982	[Onan B48G]					01.79- 01.84	113015	12	
						01.79- 01.84	113016	12	
984	[Onan B48G]					01.82- 01.84	113015	12	
						01.82- 01.84	113016	12	
986	[Onan B48G]					01.82- 01.84	113015	12	
						01.82- 01.84	113016	12	
1912	[Onan B48G]					B48G Eng. 01.85- 01.86	113015	12	
						01.85- 01.86	113016	12	
1914	[Onan B48G]					01.85- 01.86	113015	12	
						01.85- 01.86	113016	12	
7000 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14	50				
7200 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14	50				
7205 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14	50				
7260 Diesel	[Mitsubishi 3-80]	01.98- 01.03	112492	14	50				
7265 Diesel	[Mitsubishi 3-80]	01.98- 01.03	112492	14	50				
7305 Diesel	[Mitsubishi Equipped]		114079	14	40				
7360 Diesel	[Mitsubishi 4-107]	01.00- 01.03	112492	14	50				
7530 Diesel		01.04- 01.06	112492	14	50				
7532 Diesel		01.04- 01.06	112492	14	50				
Compact 1170	[Briggs & Stratton]					01.00- 01.01	113853	12	
Compact 1600	[Briggs & Stratton]					01.99- 01.99	113853	12	
Compact 1800	[Briggs & Stratton]					01.99- 01.99	113853	12	
Compact 2130	[Kohler]					01.94- 01.95	112546	12	0.6
Compact 2135	[Kohler]					01.94- 01.95	112546	12	0.6
Compact 2185	[Kohler]					01.94- 01.01	112546	12	0.6
Garden 1000	[Kohler]					01.74- 01.80	112245	12	
Garden 1200	[Kohler]					01.74- 01.80	112245	12	
Garden 1210	[Kohler]					01.85- 01.89	112245	12	
Garden 1250	[Kohler]					01.74- 01.80	112245	12	
Garden 1282	[Kohler]					01.82- 01.84	112245	12	
Garden 1340 1.3	[Kohler]					01.90- 01.91	112150	12	
Garden 1450	[Kohler]					01.74- 01.80	112245	12	
Garden 1650	[Kohler]					01.74- 01.80	112245	12	
Garden 1863	[Kohler]					01.93- 01.97	112546	12	0.6
Garden 1864	[Kohler]					01.93- 01.97	112546	12	0.6
Garden 2072						01.87- 01.89	112831	12	0.6
Garden 2082						01.92- 01.00	112831	12	0.6
Garden 2084	[Kohler]					01.94- 01.95	112546	12	0.6
Garden 680	[Kohler]					01.82- 01.84	112245	12	
Garden 800						01.74- 01.80	111702#	12	0.5
Lawn 1315 1.3	[Kohler]					01.89- 01.91	112150	12	
Lawn 1320	[Kohler]					01.89- 01.91	112150	12	
Lawn 1325	[Kohler]					01.92- 01.93	112150	12	
Lawn 1330	[Kohler]					01.92- 01.93	112150	12	
Lawn 1405	[Kohler]					01.90- 01.91	112150	12	
Zero Turn	[Kohler]						114075	12	
<b>INDUSTRY</b>									
365	[Kohler]					01.00- 01.02	112546	12	0.6
3654	[Kohler]					01.00- 01.01	112546	12	0.6
3660	[Kohler]					01.00- 01.01	112546	12	0.6
RTZ 17	[Briggs & Stratton]					01.04- 01.04	113853	12	
RTZ 42	[Briggs & Stratton]					01.05- 01.06	113583#	12	
Z48	[Kohler]					01.97- 01.99	112546	12	0.6
Z54	[Kohler]					01.97- 01.99	112546	12	0.6
Z-Force 42	[Briggs & Stratton]					01.04- 01.04	113853	12	
<b>MISC.</b>									
Big Country	[Honda]					01.02- 01.04	113732	12	1.0
<b>Cummins</b>									
<b>TRUCKS EU</b>									
Various Models	[DT466]		114349	28	150				
<b>INDUSTRY</b>									
Engine						01.85-	112267	12	2.5

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

CUMMINS Continued

MOTORS										
4B 3.3				114097	14	60				
Engine 10.0		01.83- 12.92		112989	14	60		01.83- 01.93	112089	12
				112265	28	100				
		01.83- 01.91		112260	14	80				
		01.83- 01.90		112262	14	90				
				112263#	32	50/60				
				112264	14	105				
Engine 14.0				112998	14	85				
		01.83- 01.91		110801	28	45				
		01.83- 12.92		112989	14	60		01.93	112089	12
				112265	28	100				
				112263#	32	50/60				
				112264	14	105				
Engine 5.9				112998	14	85				
		01.83- 01.93		110801	28	45				
		01.77- 01.91		112265	28	100				
		01.89-		112773	14	135			113114	12 2.7
				113999	14	150	IS		110520	24 4.0
									113101	12 2.5
Engine 8.3		01.89- 01.98		112265	28	100		01.92- 01.98	112544	24 7.5
		01.83- 01.85		110801	28	45			114013	24
									113827	24 7.6
Engine		01.80- 12.91		112989	14	60			113429	12 4.2
				01.92	112265	28	100		113114	12 2.7
		01.91- 01.92		112160	28	75		01.83- 01.85	113124	12
				111647	28	60			112267	12 2.5
		01.80- 01.92		112260	14	80			114332	12 2.2
		01.91- 01.92		112993	14	130			113101	12 2.5
		01.91- 01.92		112994	14	100				
				112263#	32	50/60				
		01.80- 01.88		110801	28	45				
				112019#	28	180				
	OSB 6 7L 6.7 Diesel	[OSB]							114325	12 4.6
OSB 8 3L 8.3 Diesel	[OSB]							114325	12 4.6	
Various Models		01.87-		114351	14	200			114397	24 4.0
		01.87-		114349	28	150		01.87-	114497	12 2.0
		01.87-		111295	28	55			114339	24 4.5
		01.87-		114347	28	150		01.85-	112267	12 2.5
		01.83- 12.84		112989	14	60		01.87-	111760	24 4.5
		01.87-		112998	14	85			112248	12 3.6
		01.83- 01.90		112262	14	90		01.83- 01.85	112255	12
		01.87-		112560	28	140			112372	24 7.8
		01.72- 01.84		112303	14	80		01.87-	112544	24 7.5
		01.80- 01.91		112260	14	80		01.70-	111000	24
				112263#	32	50/60		01.87-	114338	24 4.5
		01.80- 01.85		110801	28	45		01.87-	114332	12 2.2
								01.87-	114331	24 8.3
								01.87-	114330	24 8.3
								01.03-	114326	24 7.5

Dacia

PASSENGER CARS EU

1310 1.3	[810-02..]							05.83-	110367	12 1.0
Duster 1.5 DCI	[K9K796]	04.10-		113940	14	110				
	[K9K892]	10.10-		113940	14	110				
	[K9K894]	10.10-		113940	14	110				
Duster 1.5 DCI 4x4	[K9K894]	10.10-		113940	14	110				
Duster 1.6 16V	[K4M690]	04.10-		113940	14	110	04.10-	113932	12 0.85	
Duster 1.6 16V 4x4	[K4M606]	06.10-		113940	14	110	06.10-	113932	12 0.85	
Duster 1.6 16V LPG	[K4M696]	04.11-		113940	14	110	04.11-	113932	12 0.85	
Logan 1.1 16V	[D4F732]						02.06-	114095	12 0.85	
Logan 1.4 i	[K7J710]	PS 07.04-		112199	14	75	09.04-	111251	12 1.1	
		ACPS 07.04-		112144	14	98				
Logan 1.5 DCI	[K9K792]	01.06-		113862	14	125	01.06-	113927	12 1.1	
	[K9K790]	09.05-		113862	14	125	09.05-	113927	12 1.1	
	[K9K796]	09.07-		113862	14	125				
	[K9K892]	05.10-		113940	14	110				
Logan 1.5 DCI MCV	[K9K796]	09.07-		113862	14	125				
Logan 1.6 i	[K7M710]	PS 07.04-		112199	14	75	09.04-	111251	12 1.1	
		ACPS 07.04-		112144	14	98				
Logan 1.6 LPG	[K7M710]					11.08-	113932	12 0.85		
Logan 1.6 16V Flexifuel	[K4M690]	11.09-		113940	14	110	11.09-	113932	12 0.85	
	[K4M694]	11.09-		113940	14	110	11.09-	113932	12 0.85	
Sandero 1.2 Flexifuel						11.08-	114095	12 0.85		
Sandero 1.4 MPI LPG	[K7J714]	01.09-		112144	14	98	01.09-	114180	12 0.8	
		01.09-		112199	14	75				
Sandero 1.5 DCI	[K9K792]	11.08-		113862	14	125	11.08-	113897	12 1.4	
	[K9K792]	11.08-		113940	14	110				
	[K9K796]	11.08-		113940	14	110				

PASSENGER CARS AO

1210 1.2								06.83- 12.94	110367	12 1.0
----------	--	--	--	--	--	--	--	--------------	--------	--------

Daedong Kioti

AGRICULTURE

DK35 Series	[Kubota]			114219	14	50				
DK40 Series	[Kubota]			114219	14	50				
DK65 Series	[Kubota]			114219	14	50				
DK65S Series	[Kubota]			114219	14	50				

Daewoo

PASSENGER CARS EU

Avia A										
Espero 1.5								10.97- 09.99	111123	12 0.9
Espero 1.5 16V	[A15MF]	02.92- 01.98		111846	14	80		02.95- 06.99	111684	12 1.4
								02.95-	111123	12 0.9
								10.93- 09.94	111123	12 0.9
Espero 1.8	[C18LE]	02.95- 01.97		111708	14	85		02.95-	111698	
Espero 2.0	[C20LE]	02.95- 01.97		111708	14	85		02.95-	111698	
	[C20LZ]							10.91- 09.93	111698	
								10.93- 09.94	111698	
Evanda 2.0	[L88]	08.02-		113498	14	80	08.02- 01.05	111848	12 1.0	
Kalos 1.2	[B12S1]						04.03-	113860	12 0.8	
Kalos 1.4	[F14S3]	11.02- 12.04		114350	14	85				
		09.02-		114350	14	85		09.02-	111123	12 0.9
Kalos 1.4 16V	[F14D3]	04.03-		114350	14	85		04.03-	111123	12 0.9
Korando 2.0 16V	[M161E20]	02.99-		112578	14	75				
Korando 2.3	[M161E23]	07.96- 12.00		112530	14	120		07.96-	111347	12 1.2
		02.99-		112578	14	75		02.99-	111347	12 1.2
Korando 2.9 Diesel	[OM662]	02.99-		112529	14	90		01.99-	111065	12 2.2
	[OM662]	01.99-		112578	14	75				
Korando 2.9 TD	[OM60129TD]	01.99-		112578	14	75		07.96- 12.00	111065	12 2.2
Korando 3.2	[M104.995]	01.99-		112578	14	75		01.99-	112315	
Lacetti 1.4	[F14D3]	02.04-		114350	14	85		03.04- 01.05	111123	12 0.9
Lacetti 1.6	[F16D3]	02.04-		114350	14	85		02.04- 01.05	111123	12 0.9
	[F16D3]	02.04-		114412	14	85				
Lacetti 1.8	[T18SED]							02.04- 01.05	111848	12 1.0
Lanos 1.4	[A14SMS]	05.97-		113350	14	85		05.97-	111123	12 0.9
Lanos 1.5	[A15SMS]	AT 05.97-		113350	14	85		05.97-	111123	12 0.9
	[Y15L]	05.97-		113350	14	85		05.97-	111123	12 0.9
Lanos 1.6 16V	[A15SMS]	05.97-		113350	14	85				
	[A16DMS]	05.97-		113350	14	85		05.97- 04.97- 09.03	111684 111123	12 1.4 12 0.9



Leganza 2.0 16V	[X20SED]	06.97- 12.02	113498	14	80	06.97-	111848	12	1.0
Leganza 2.2 16V	[T22SED]	04.99- 12.02	113498	14	80	04.99- 12.02	111848	12	1.0
Matiz 0.8	[F8CV]	09.98-	111847	14	65	09.98- 01.05	111849	12	0.8
Matiz 1.0	[B10S]	01.03-	111847	14	65	01.03-	113860	12	0.8
Musso 2.3	[M111_970]	01.99-	112578	14	75	01.99-	111347	12	1.2
Musso 2.3 TD	[OM601]	09.99-	112578	14	75	09.99-	111065	12	2.2
Musso 2.9 Diesel	[OM662]	01.99-	112578	14	75	01.99-	111065	12	2.2
Musso 2.9 TD	[OM60129TD]	01.99-	112578	14	75				
Musso 3.2	[M104_992]	01.99-	112578	14	75	01.99-	111347	12	1.2
Nexia 1.5	[G15MF]	02.95- 01.98	111846	14	80	01.95- 11.01	111123	12	0.9
Nexia 1.5 16V	[A15MF]	02.95-	111846	14	80	02.95- 08.97	111684	12	1.4
						02.95-	111123	12	0.9
Nubira 1.4	[F14D3]	10.03- 12.04	114350	14	85				
Nubira 1.6	[F16D3]	07.03-	113498	14	80	07.03-	111123	12	0.9
		07.03-	114350	14	85				
		07.03-	114412	14	85				
Nubira 1.6 16V	[A16DMS]	05.97-	113349	14	85	02.97-	111123	12	0.9
		06.97-	113498	14	80				
Nubira 1.8	[T18SED]	07.03-	114350	14	85	07.03-	111848	12	1.0
		03.99-	113498	14	80				
Nubira 2.0 16V	[X20SED]	05.97-	113498	14	80	05.97-	111848	12	1.0
Rexton 2.9 TD		04.02-	112578	14	75				
Rexton 3.2 V6		04.02-	112578	14	75				
Rezzo/Tacuma 1.6	[A16DMS]	09.00-	112629	14	100/105	Chas. 732868-09.00- 01.05	112431	12	1.1
						Chas. -732867 09.00- 01.05	111123	12	0.9
Rezzo/Tacuma 1.8	[A18DMS]					09.00- 01.05	111123	12	0.9
		09.00-	113498	14	80	09.00- 01.05	111123	12	0.9
Rezzo/Tacuma 2.0	[X20SED]	09.01-	113498	14	80	09.01- 01.05	111848	12	1.0
		09.00-	113498	14	80	09.00- 01.05	111848	12	1.0
<b>PASSENGER CARS US</b>									
Leganza 2.2		01.99- 01.00	113498	14	80	01.99- 01.00	111848	12	1.0
Nubira 2.0		01.99- 01.00	113498	14	80	01.99- 01.00	111848	12	1.0
<b>PASSENGER CARS AO</b>									
Aranos 1.5	[V15L]					01.95- 11.97	111123	12	0.9
Cielo 1.5	[V15L]					06.94-	111123	12	0.9
Lacetti 1.8 CDX	[T18SED]	08.03- 12.04	114350	14	85				
Winstorm 3.2 Executive 4WD	[Z32SEE]	12.06-	114235	14	120				
<b>FORK LIFTS</b>									
Various Models							110573	12	2.0
							111709	12	2.2
							112344	12	2.5
							112502	24	4.5
							113456	24	6.0
<b>DAF</b>									
<b>PASSENGER CARS EU</b>									
44 0.8	[B85]	07.72- 09.74	110726#	14	35				
55 1.1	[DBB110E]								
428-435 2.5 Diesel	[EN55]					04.89- 08.93	111125	12	2.2
428-435 2.5 TD	[ET70]					04.89- 08.93	111125	12	2.2
66 Marathon 1.3 1300	[B13_0S]	09.73- 08.75	110899	14	33	09.73- 08.75	110367	12	1.0
<b>PASSENGER CARS US</b>									
55 1.1		01.67- 08.75	110744#	14	50	01.68-	110367	12	1.0
<b>TRUCKS EU</b>									
45.120 5.9	[CD85]					05.91- 12.00	111399	24	4.5
45.130 5.9	[CN96]	05.91- 12.00	111569	28	30	05.91-	111399	24	4.5
	[CS97M]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.5
	[CT97]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.5
45.150 5.9	[CB108]					05.91- 12.00	111399	24	4.5
	[CS107M]					05.91- 12.00	111399	24	4.5
	[CT108]					05.91- 12.00	111399	24	4.5
45.160 5.9	[CS119]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.5
	[CT119]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.5
45.180 5.9	[CS133M]					05.95- 12.00	111399	24	4.5
45.210 5.9	[CS158M]					05.95- 12.00	111399	24	4.5
65.180 6.2	[NS133L]	03.93- 02.98	110895	28	55	03.93- 02.98	111637	24	4.0
		03.93- 02.98	112159	28	80				
	[NS133M]	03.93- 02.98	110895	28	55				
65.210 6.2	[NS156L]	03.93- 02.98	110895	28	55	03.93- 02.98	111637	24	4.0
		03.93- 02.98	112159	28	80				
	[NS156M]	03.93- 02.98	110895	28	55				
75.240 8.7	[RS180]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
	[RS180L]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
	[RS180M]	07.92- 12.97	113488	28	140				
		07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
75.270 8.7	[RS200]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
	[RS200L]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
	[RS200M]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
75.300 8.7	[RS222]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
	[RS222 L]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
	[RS222L]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
	[RS222M]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2
		07.92- 02.98	112159	28	80				
85.330 11.6	[WS242]	07.92- 02.98	110895	28	55				
		07.92- 02.98	112159	28	80				
	[WS242L]	07.92- 02.98	110895	28	55				
		07.92- 02.98	112159	28	80				
	[WS242M]	07.92- 02.98	110895	28	55				
		07.92- 02.98	112159	28	80				
	[WS268]	07.92- 02.98	110895	28	55				
		07.92- 02.98	112159	28	80				
85.360 11.6	[WS268L]	07.92- 02.98	110895	28	55				
		07.92- 02.98	112159	28	80				
	[WS268M]	07.92- 02.98	110895	28	55				
		07.92- 02.98	112159	28	80				
85.400 11.6	[WS295M]	03.95- 02.98	110895	28	55				
		03.95- 02.98	112159	28	80				
95.310 11.6	[WS225]	09.87-	111146	28	55	09.87-	110981	24	5.4
		09.87-	112159	28	80				
		01.88- 09.92	111628	28	80				
		04.88-	113488	28	140				
95.330 11.6	[WS242]	01.90- 01.92	111628	28	55	08.90- 01.93	110981	24	5.4
		08.90-	111146	28	55				
		08.90-	112159	28	80				
		05.93-	113488	28	140				
95.350 11.6	[WS259]	09.87-	111146	28	55	09.87- 09.90	110981	24	5.4
		01.88- 01.92	111628	28	80				
		04.88-	112159	28	80				
		05.93-	113488	28	140				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

DAF Continued

95.360 11.6	[WS268]	08.90-01.98	110895	28	55	08.90-01.98	110981	24	5.4
		08.90-04.97	111146	28	55				
		08.90-01.92	111628						
		08.90-04.97	112159	28	80				
		08.90-01.98	113488	28	140				
	[WS268G]	08.90-04.97	111146	28	55	08.90-04.97	110981	24	5.4
		08.90-04.97	112159	28	80				
		04.92-04.97	113488	28	140				
	[WS268L]	08.90-04.97	111146	28	55	09.87-04.97	110981	24	5.4
		08.90-01.92	111628						
		08.90-04.97	112159	28	80				
		05.93-04.97	113488	28	140				
	[WS268M]	08.90-04.97	111146	28	55	03.93-04.97	110981	24	5.4
		08.90-04.97	112159	28	80				
		03.93-04.97	113488	28	140				
95.380 11.6	[WS282]	09.87-09.90	110116	28	35	09.87-09.90	110981	24	5.4
		09.87-	111146	28	55				
		01.88-12.92	111628						
		08.90-	112159	28	80				
		05.93-	113488	28	140				
95.400 11.6	[WS295]	08.90-01.98	110895	28	55	08.90-01.98	110981	24	5.4
		08.90-04.97	111146	28	55				
		08.90-01.92	111628						
		08.90-04.97	112159	28	80				
		05.93-04.97	113488	28	140				
	[WS295G]	08.90-04.97	111146	28	55	08.90-04.97	110981	24	5.4
		08.90-01.92	111628						
		08.90-04.97	112159	28	80				
		05.93-04.97	113488	28	140				
	[WS295L]	08.90-04.97	111146	28	55	08.90-04.97	110981	24	5.4
		08.90-01.92	111628						
		08.90-04.97	112159	28	80				
		05.93-04.97	113488	28	140				
	[WS295M]	08.90-04.97	111146	28	55	03.93-04.97	110981	24	5.4
		08.90-01.92	111628						
		08.90-04.97	112159	28	80				
		03.93-04.97	113488	28	140				
95.430 11.6	[WS315]	01.92-	111628			02.92-01.98	110981	24	5.4
		02.92-01.98	110895	28	55				
		02.92-04.97	111146	28	55				
		02.92-04.97	112159	28	80				
		07.92-04.97	113488	28	140				
	[WS315G]	02.92-	111146	28	55	02.92-	110981	24	5.4
		02.92-	112159	28	80				
		02.92-	113488	28	140				
	[WS315L]	02.92-04.97	111146	28	55	02.92-04.97	110981	24	5.4
		02.92-04.97	112159	28	80				
		02.92-04.97	113488	28	140				
	[WS315M]	01.92-	111628			02.92-04.97	110981	24	5.4
		02.92-04.97	111146	28	55				
		02.92-04.97	112159	28	80				
		02.92-04.97	113488	28	140				
65 CF.180 6.2	[NS133M]					02.98-12.00	111637	24	4.0
65 CF.210 6.2	[NS156M]					02.98-12.00	111637	24	4.0
65 CF.240 6.2	[NS177M]					02.98-12.00	111637	24	4.0
75 CF.250 9.2	[PF183M]	01.98-12.00	110895	28	55	01.98-12.00	112055	24	5.2
		01.98-12.00	113284	28	100				
	[PF212M]	01.98-12.00	110895	28	55	01.98-12.00	112055	24	5.2
		01.98-12.00	110895	28	55				
	[PF235M]	01.98-12.00	110895	28	55	01.98-12.00	112055	24	5.2
		01.98-04.01	110895	28	55				
	[XF250M]	01.98-04.01	113284	28	100				
		01.98-04.01	113284	28	100				
	[XF280M]	01.98-12.00	110895	28	55				
		01.98-12.00	113284	28	100				
	[XF315M]	01.98-12.00	110895	28	55				
		01.98-12.00	113284	28	100				
95 XF.380 12.6	[BM74]	01.97-09.02	110895	28	55				
	[XF280M]	01.97-	110895	28	55	01.97-	112581	24	6.2
		01.97-	112159	28	80				
		01.97-	113284	28	100				
95 XF.430 12.6	[XF315M]	01.97-	110895	28	55	01.97-	112581	24	6.2
		01.97-	112159	28	80				
		01.97-	113284	28	100				
95 XF.480 12.6	[XF355M]	01.97-	110895	28	55	01.97-	112581	24	6.2
		01.97-	112159	28	80				
		01.97-	113284	28	100				
95 XF.530 12.6	[XE390C]	02.01-09.02	110895	28	55	02.01-09.02	113934	24	5.5
95 XF.530 14.0	[VF390M]	01.97-	110895	28	55	01.97-	112581	24	6.2
		01.97-	112159	28	80				
		01.97-	113284	28	100				
CF 65.180 5.9	[CE136C]	01.01-	114036	28	100	01.01-	113760	24	4.0
CF 65.220 5.9	[CE162C]	01.01-	114036	28	100	01.01-	113760	24	4.0
CF 65.220 6.7	[GR165S1]					04.07-	113760	24	4.0
CF 65.250 5.9	[CE184C]	01.01-	114036	28	100	01.01-	113760	24	4.0
CF 65.250 6.7	[GR184S1]					04.07-	113760	24	4.0
CF 65.290 6.7	[GR210S1]					04.07-	113760	24	4.0
CF 75.250 9.2	[PE183C]	01.01-	113284	28	100	01.01-	114069	24	4.0
						01.01-	112055	24	5.2
	[PR183S]	01.01-	113284	28	100	01.01-	114069	24	4.0
						01.01-	112055	24	5.2
CF 75.310 9.2	[PE228C]	01.01-	113284	28	100	01.01-	112055	24	5.2
						01.01-	114069	24	4.0
	[PR228S]	01.01-	113284	28	100	01.01-	114069	24	4.0
						01.01-	112055	24	5.2
	[PR265S]					01.01-	112055	24	5.2
						01.01-	114069	24	4.0
CF 75.360 9.2	[PE265C]	01.01-	113284	28	100	01.01-	112055	24	5.2
CF 85.340 12.6	[XE250C]	01.01-	113284	28	100	01.01-	113934	24	5.5
		01.97-	110895	28	55	01.97-	112581	24	6.2
		01.97-	112159	28	80				
CF 85.360 12.6	[MX265]	10.06-	114089	28	80	10.06-	114073	24	5.5
		10.06-	114314	28	110				
CF 85.380 12.6	[XE280C]	01.01-	113284	28	100	04.01-	112581	24	6.2
		04.01-	110895	28	55	12.05-	114073	24	5.5
		04.01-	112159	28	80	01.01-	113934	24	5.5
		12.05-	114089	28	80				
		12.05-	114314	28	110				
CF 85.410 12.9	[MX300]	10.05-	114089	28	80	10.05-	114073	24	5.5
		10.05-	114314	28	110				
CF 85.430 12.6	[XE315C]	01.01-	113284	28	100	01.01-	113934	24	5.5
		04.01-	110895	28	55	04.01-	112581	24	6.2
CF 85.460 12.9	[MX340]	10.05-	114089	28	80	10.05-	114073	24	5.5
		10.05-	114314	28	110				
CF 85.480 12.6	[XE355C]	01.01-	113284	28	100	04.01-	112581	24	6.2
						01.01-	113934	24	5.5
CF 85.510 12.9	[MX375]	10.05-	114089	28	80	10.05-	114073	24	5.5
		10.05-	114314	28	110				



F 1100 5.8	[DD575]						01.78- 12.81	111637	24	4.0
F 1100 6.2	[DNTD620]	12.86- 11.90	110116	28	35		12.86- 11.90	111637	24	4.0
		03.78- 11.90	111146	28	55					
F 1200 5.8	[DD575]	05.77- 12.81	110116	28	35		01.77- 12.81	111637	24	4.0
		05.77- 12.81	111146	28	55					
F 1300 6.2	[DF615]	07.78- 10.88	110116	28	35		07.78- 10.88	111637	24	4.0
		07.78- 10.88	111146	28	55					
	[DNTD620]	12.86- 12.92	110116	28	35		12.86- 12.92	111637	24	4.0
		12.86- 12.92	111146	28	55					
	[DT615]	07.78- 02.90	110116	28	35		07.78- 02.90	111637	24	4.0
		07.78- 02.90	111146	28	55					
F 1305 6.2	[DT615]	07.78- 02.90	110116	28	35		07.78- 02.90	111637	24	4.0
		07.78- 02.90	111146	28	55					
F 1400 5.8	[DD575]	05.77- 12.81	110116	28	35		11.73- 12.81	111637	24	4.0
		05.77- 12.81	111146	28	55					
F 1400 6.2	[DF615]						01.70- 11.81	112670	24	4.0
F 1500 6.2	[DF615]	07.78- 08.91	110116	28	35		07.78- 08.91	111637	24	4.0
		07.78- 08.91	111146	28	55					
	[DT615]	07.78- 08.91	110116	28	35		07.78- 08.91	111637	24	4.0
		07.78- 08.91	111146	28	55					
F 1600 6.2	[DF615]	05.77- 08.91	110116	28	35		11.73- 08.91	111637	24	4.0
		05.77- 08.91	111146	28	55					
	[DT615]	05.77- 08.91	110116	28	35		11.73- 08.91	111637	24	4.0
		05.77- 08.91	111146	28	55					
F 1700 6.2	[DNS620]	01.88- 02.95	110116	28	35		01.88- 02.95	111637	24	4.0
		01.88- 02.95	111146	28	55					
	[DNTD620]	12.86- 02.95	110116	28	35		12.86- 02.95	111637	24	4.0
		12.86- 02.95	111146	28	55					
	[NT133]	12.86- 02.95	110116	28	35		12.86- 02.95	111637	24	4.0
		12.86- 02.95	111146	28	55					
		12.86- 02.95	112159	28	80					
F 1800 6.2	[DT615]	05.77- 08.91	110116	28	35		11.73- 08.91	111637	24	4.0
		05.77- 08.91	111146	28	55					
F 1900 6.2	[DNS620]	12.86- 09.93	110116	28	35		12.86- 09.93	111637	24	4.0
		12.86- 09.93	111146	28	55					
		12.86- 09.93	112159	28	80					
F 2000 8.3	[DH825]	05.77- 12.79	110116	28	35		02.75- 12.79	111636	24	5.0
F 2100 6.2	[DF615]	07.78- 09.86	110116	28	35		07.78- 09.86	111637	24	4.0
		07.78- 09.86	111146	28	55					
F 2100 8.3	[DH825]	07.78- 08.91	110116	28	35		07.78- 09.86	111636	24	5.0
		07.78- 08.91	111146	28	55					
	[DHR825]	07.78- 08.91	110116	28	35		07.78- 08.91	111636	24	5.0
		07.78- 08.91	111146	28	55					
F 2103 8.3	[DH825]	07.78- 08.91	110116	28	35		07.78- 08.91	111636	24	5.0
		07.78- 08.91	111146	28	55					
	[DHT825]	07.81- 09.86	110116	28	35		07.81- 09.86	112055	24	5.2
		07.81- 09.86	111146	28	55					
		07.81- 09.86	112055							
	[DHTD825]	07.78- 08.91	110116	28	35		07.78- 09.86	111636	24	5.0
		07.78- 08.91	111146	28	55					
F 2105 6.2	[DF615]	07.78- 08.91	110116	28	35		07.78- 09.86	112055	24	5.2
		07.78- 08.91	111146	28	55		07.78- 08.91	111637	24	4.0
F 2105 8.3	[DH825]	07.78- 08.91	110116	28	35		07.78- 08.91	111636	24	5.0
		07.78- 08.91	111146	28	55					
	[DHR825]	07.78- 09.86	110116	28	35		07.78- 09.86	111636	24	5.0
		07.78- 09.86	111146	28	55					
	[DHT825]	07.81- 08.91	110116	28	35		07.81- 08.91	111636	24	5.0
		07.81- 08.91	111146	28	55					
	[DHTD825]	07.78- 08.91	110116	28	35		07.78- 08.91	111636	24	5.0
		07.78- 08.91	111146	28	55					
F 2200 8.3	[DU825]	05.77- 11.80	110116	28	35		02.75- 11.80	111636	24	5.0
F 2205 8.3	[DU825]	05.77- 11.80	110116	28	35		02.75- 11.80	111636	24	5.0
F 2300 8.3	[DHR825]	07.78- 08.91	110116	28	35		07.78- 12.81	111636	24	5.0
		07.78- 08.91	111146	28	55					
	[DHT825]	11.81- 08.91	110116	28	35		11.81- 08.91	111636	24	5.0
		11.81- 08.91	111146	28	55					
	[DHTD825]	06.86- 08.91	110116	28	35					
		06.86- 08.91	111146	28	55					
	[DHU825]	07.78- 12.83	110116	28	35		07.78- 12.83	111636	24	5.0
		07.78- 12.83	111146	28	55					
F 2305 8.3	[DH825]	07.78- 08.91	110116	28	35		07.78- 12.81	111636	24	5.0
		07.78- 08.91	111146	28	55					
	[DHR825]	07.78- 08.91	110116	28	35		07.78- 08.91	111636	24	5.0
		07.78- 08.91	111146	28	55					
	[DHT825]	07.78- 09.86	110116	28	35		07.78- 09.86	111636	24	5.0
		07.78- 09.86	111146	28	55					
	[DHU825]	07.78- 08.91	110116	28	35		07.78- 08.91	111636	24	5.0
		07.78- 08.91	111146	28	55					
F 2335 8.3	[DHT825]	07.78- 08.91	110116	28	35		07.78- 08.91	111636	24	5.0
		07.78- 08.91	111146	28	55					
F 2500 8.3	[DHS825]	02.82- 08.91	110116	28	35		02.82- 08.86	112055	24	5.2
		02.82- 08.91	111146	28	55		02.82- 08.91	111636	24	5.0
F 2503 8.3	[DHS825]	02.82- 09.86	110116	28	35		02.82- 09.86	111636	24	5.0
		02.82- 09.86	111146	28	55					
F 2505 8.3	[DHS825]	02.82- 08.91	110116	28	35		02.82- 08.91	111636	24	5.0
		02.82- 08.91	111146	28	55					
F 2525 8.3	[DHS825]	02.82- 08.91	110116	28	35		01.82- 09.86	112055	24	5.2
		02.82- 08.91	111146	28	55		02.82- 08.91	111636	24	5.0
F 2535 8.3	[DHS825]	02.82- 08.91	110116	28	35		02.82- 09.86	112055	24	5.2
		02.82- 08.91	111146	28	55		02.82- 08.91	111636	24	5.0
F 2600 11.6	[DKB1160]	02.72- 12.73	110116	28	35		02.72- 12.73	110209	24	5.4
F 2700 8.3	[HS825]	01.90- 10.93	110116	28	35		01.90- 10.93	111636	24	5.0
		01.90- 10.93	111146	28	55					
F 2800 11.6	[DKA1160]	05.77- 11.80	110116	28	35		01.74- 11.80	110209	24	5.4
		05.77- 11.80	111146	28	55					
	[DKS1160]	01.74- 09.91	110116	28	35		01.74- 09.86	110209	24	5.4
		01.74- 09.91	111146	28	55					
	[DKS1160E]	05.77- 09.91	110116	28	35		01.80- 09.91	110209	24	5.4
		05.77- 09.91	111146	28	55					
	[DKT1160]	05.77- 11.80	110116	28	35		01.74- 11.80	110209	24	5.4
		05.77- 11.80	111146	28	55					
	[DKTD1160]	01.74- 09.91	110116	28	35		01.74- 09.91	110209	24	5.4
		01.74- 09.91	111146	28	55					
	[DKV1160]	01.80- 09.91	110116	28	35		01.80- 09.91	110209	24	5.4
		01.80- 09.91	111146	28	55					
	[DKXE1160]	01.80- 09.91	110116	28	35		01.80- 09.91	110209	24	5.4
		01.80- 09.91	111146	28	55					
F 2803 11.6	[DKS1160]	05.77- 09.91	110116	28	35		01.74- 09.91	110209	24	5.4
		05.77- 09.91	111146	28	55					
	[DKS1160E]	01.80- 07.90	110116	28	35		01.80- 07.90	110209	24	5.4
		01.80- 07.90	111146	28	55					
	[DKTD1160]	01.74- 09.91	110116	28	35		01.74- 09.91	110209	24	5.4
		01.74- 09.91	111146	28	55					
	[DKV1160]						05.83- 09.91	110209	24	5.4
							06.85- 09.91	110209	24	5.4

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

DAF Continued

F 2804 11.6	[DKS1160E]	01.80- 09.86	110116	28	35	01.80- 07.90	110209	24	5.4
		01.80- 09.86	111146	28	55				
	[DKT1160]	01.80- 09.86	110116	28	35	01.80- 09.86	110209	24	5.4
	[DKV1160]					05.83- 09.91	110209	24	5.4
F 2805 11.6	[DKXE1160]					06.85- 09.91	110209	24	5.4
	[DKS1160]	05.77- 09.91	110116	28	35	01.74- 09.91	110209	24	5.4
		05.77- 09.91	111146	28	55				
	[DKS1160E]	05.83- 09.91	110116	28	35	05.83- 09.91	110209	24	5.4
		05.83- 09.91	111146	28	55				
	[DKTD1160]	01.74- 09.91	110116	28	35	06.86- 09.91	110998	24	5.2
		01.74- 09.91	111146	28	55	01.74- 09.91	110209	24	5.4
F 2815 11.6	[DKV1160]	05.83- 09.91	110116	28	35	05.83- 09.91	110209	24	5.4
		05.83- 09.91	111146	28	55				
	[DKS1160]	05.77- 12.81	110116	28	35	01.74- 09.91	110209	24	5.4
		05.77- 12.81	111146	28	55				
F 2825 11.6	[DKTD1160]	01.74- 09.91	110116	28	35	01.74- 09.91	110209	24	5.4
		01.74- 09.91	111146	28	55	06.86- 09.91	110998	24	5.2
F 3300 11.6						01.74- 09.86	110932	24	5.4
	[DKV1160]	05.83- 09.91	110116	28	35	05.83- 09.91	110209	24	5.4
		05.83- 09.91	111146	28	55				
		05.83- 09.91	110116	28	35	05.83- 09.91	110209	24	5.4
F 3303 11.6		05.83- 09.91	111146	28	55				
	[DKX1160]	06.81- 09.86	110116	28	35	06.81- 09.86	110209	24	5.4
		06.81- 09.86	111146	28	55				
F 3304 11.6	[DKX1160 ATI]	06.81- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
		06.81- 09.91	111146	28	55				
		06.85- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
F 3305 11.6		06.85- 09.91	111146	28	55				
	[DKX1160]	06.81- 09.91	110116	28	35	06.81- 09.91	110209	24	5.4
F 3325 11.6		06.81- 09.91	111146	28	55				
	[DKX1160 ATI]	06.85- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28	55				
F 3600 11.6	[DKZ1160 ATI]	06.81- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
		06.81- 09.91	111146	28	55				
F 3603 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28	55				
F 3604 11.6	[DKZE1160]	06.85- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28	55				
F 3605 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28	55				
	[DKZE1160]	06.85- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
F 3625 11.6		06.85- 09.91	111146	28	55				
	[DKZ1160 ATI]	06.85- 09.91	110116	28	35	06.85- 09.91	110209	24	5.4
FA 85.360 12.9	[MX265]	10.06-	114314	28	110	10.06-	114073	24	5.5
FG 345 2.5 Diesel Leyland						01.72- 01.82	110464	12	2.1
FG 350 2.5 Diesel Leyland						01.72- 01.82	110464	12	2.1
FG 420 2.5 Diesel Leyland						01.72- 01.82	110464	12	2.1
LF 45.140 4.5	[FR10351]					05.06-	113760	24	4.0
LF 45.150 3.9	[BE110C]	01.01-	114036	28	100	01.01-	113760	24	4.0
LF 45.160 4.5	[FR11851]					05.06-	113760	24	4.0
LF 45.170 3.9	[BE123C]	01.01-	114036	28	100	01.01-	113760	24	4.0
LF 45.180 4.5	[FR13651]					05.06-	113760	24	4.0
LF 45.180 5.9	[CE136C]	01.01-	114036	28	100	01.01-	113760	24	4.0
LF 45.220 5.9	[CE162C]	01.01-	114036	28	100	01.01-	113760	24	4.0
LF 45.220 6.7	[GR16551]					05.06-	113760	24	4.0
LF 55.160 4.5	[FR11851]	05.06-	110895	28	55	05.06-	112581	24	6.2
		05.06-	112159	28	80				
LF 55.170 3.9	[BE123C]					01.01-	113760	24	4.0
LF 55.180 5.9	[CE136C]	01.01-	114036	28	100	01.01-	113760	24	4.0
LF 55.220 5.9	[CE162C]	01.01-	114036	28	100	01.01-	113760	24	4.0
LF 55.250 5.9	[CE184C]	01.01-	114036	28	100	01.01-	113760	24	4.0
N 2826 11.6	[DKS1160]	01.81- 09.91	110116	28	35	01.81- 09.91	110209	24	5.4
N 3326 11.6		01.81- 09.91	111146	28	55				
	[DKX1160]	01.81- 09.91	110116	28	35	01.81- 09.91	110209	24	5.4
		01.81- 09.91	111146	28	55				
SB 201 DKDL 11.6	[DKDL1160]					01.74- 07.90	110932	24	5.4
Various Models		01.89-	112238	14	65		110209	24	5.4
						1.5L, 1.8L 4cyl.	110817	12	2.1
							112670	24	4.0
							112656	24	4.5
							112581	24	6.2
							112055	24	5.2
							111637	24	4.0
							111636	24	5.0
							110981	24	5.4
							110932	24	5.4
XF 105.410 12.9	[MX300]	10.05-	114089	28	80	10.05-	114073	24	5.5
		10.05-	114314	28	110	10.05-	113934	24	5.5
XF 105.460 12.9	[MX340]	10.05-	114089	28	80	10.05-	114073	24	5.5
		10.05-	114314	28	110				
XF 105.510 12.9	[MX375]	10.05-	114089	28	80	10.05-	114073	24	5.5
		10.05-	114314	28	110				
XF 95.380 12.6	[XE280C]	12.05-	114089	28	80	01.97-	113934	24	5.5
		12.05-	114314	28	110	12.05-	114073	24	5.5
		01.97-	113284	28	100	01.97-	112581	24	6.2
		01.97-				01.97-	113284		
XF 95.430 12.6	[XF280M]	01.97-	113284	28	100	01.97-	112581	24	6.2
						01.97-	113934	24	5.5
XF 95.480 12.6	[XE315C]	12.05-	114089	28	80	01.97- 12.06	113934	24	5.5
		12.05-	114314	28	110	01.97-	112581	24	6.2
		01.97-	110895	28	55	12.05-	114073	24	5.5
		01.97-	112159	28	80				
		01.97-	113284	28	100				
XF 95.530 12.6	[XF315M]	01.97-	113284	28	100	01.97-	112581	24	6.2
						01.97-	113934	24	5.5
XF 95.480 12.6	[XE355C]	01.97-	113284	28	100	01.97-	113934	24	5.5
						01.97-	112581	24	6.2
XF 95.530 12.6	[XF355M]	01.97-	113284	28	100	01.97-	112581	24	6.2
						01.97-	113934	24	5.5
XF 95.530 12.6	[XE390C]	09.02-	113284	28	100	01.97- 12.06	113934	24	5.5
		01.97- 09.02	110895	28	55	01.97- 09.02	112581	24	6.2
		01.97- 09.02	112159	28	80				
XF 95.530 14.0	[VF390M]					01.97- 09.02	113934	24	5.5





MARINE									
DD515			113477	28	55				
DD575			110052	28	40				
DF615			110052	28	40				
			113477	28	55				
DT615			113477	28	55				
			112108#	28	35				
Various Models			110173	28	75	05.83-	112115	24	5.4
Daihatsu									
PASSENGER CARS EU									
1200 1.2	[3K]								
Applause 1.6 16V	[HD-E]	06.89- 09.90	111595#	14	60		11.74- 02.78	110421	12 0.8
		04.94- 08.96	112212#	14	60		03.90- 08.96	111553	12 0.8
	[HD]	06.89- 09.90	111595#	14	60		06.89- 04.94	111548	12 1.0
		04.94- 08.96	112212#	14	60		03.90- 08.96	111553	12 0.8
		AT 06.89- 09.90	111595#	14	60		06.89- 04.94	111548	12 1.0
	[HD-E]	AT 06.89- 09.90	111595#	14	60				
Applause 1.6 16V 4WD	[HD-E]	06.89- 09.90	111595#	14	60		06.89- 04.94	111548	12 1.0
		04.94- 08.96	112212#	14	60		03.90- 08.96	111553	12 0.8
	[HD-E]	AT 06.89- 09.90	111595#	14	60				
Charade 1.0	[CB20]						10.77- 09.83	110159#	12 0.8
	[CB23]	03.87- 11.90	110374	14	45		03.87- 12.92	110298	12 0.8
	[CB90]	04.89- 10.90	110374	14	45		04.89- 12.92	110298	12 0.8
							AT 04.89- 12.92	111449#	12 1.0
	[CB20]	10.77- 02.83	110258	14	35		04.83- 03.87	110298	12 0.8
		11.78- 09.83	110138	14	40		01.86- 01.87	111449#	12 1.0
		04.83- 03.87	110374	14	45		AT 01.83- 03.87	111447	12 0.8
	[CB22]	04.83- 03.87	110374	14	45		AT 01.83- 03.87	111447	12 0.8
	[CB22]						04.83- 03.96	110298	12 0.8
	[CB22]						01.86- 01.87	111449#	12 1.0
	[CB23]						AT 03.87- 12.92	111449#	12 1.0
							11.90- 12.92	111449#	12 1.0
	Charade 1.0 GTi	[CB80T]	03.87- 12.92	110374	14	45		01.87-	111449#
Charade 1.0 Turbo	[CB61]	03.87- 10.90	110374	14	45		01.87-	111449#	12 1.0
	[CB60]	10.83- 03.87	110374	14	45		01.86- 01.87	111449#	12 1.0
	[CB60]						AT 10.83- 03.87	111447	12 0.8
						10.83- 03.87	110298	12 0.8	
	[CB61]					03.87- 10.90	110298	12 0.8	
Charade 1.0 Diesel	[CL10]						10.83- 03.87	110400#	12 1.4
	[CL11]						03.87- 12.92	110400#	12 1.4
Charade 1.0 TD	[CL]						03.87- 10.90	110400#	12 1.4
	[CL60]						02.85- 03.87	110400#	12 1.4
	[CL61]						11.90- 12.92	110400#	12 1.4
Charade 1.05	[CB22]	02.81- 02.83	110138	14	40		02.81- 09.83	110159#	12 0.8
Charade 1.3	[HCE]	09.88- 10.90	111278	14	45		11.90- 02.93	111548	12 1.0
	[HC]	09.96-	111610	14	45				
Charade 1.3 16V	[HCE]	05.96-	111610	14	45		01.93- 09.00	111548	12 1.0
	[HC]	01.93-	111610	14	45		01.93-	111553	12 0.8
		01.93-	112212#	14	60		03.93- 04.94	111548	12 1.0
Charade 1.3 i	[HCE]	11.90- 12.92	111610	14	45		06.88- 12.92	111548	12 1.0
	[HCE]	06.88- 10.91	111278	14	45				
Charade 1.3 i 4WD	[HCE]	06.88- 10.91	111278	14	45		06.88- 01.93	111548	12 1.0
	[HCE]	11.90- 01.93	111610	14	45				
Charade 1.5	[HE]						06.94- 09.00	111548	12 1.0
							06.94- 09.00	111553	12 0.8
Charade 1.5 i 16V	[HEE]	08.94-	112212#	14	60		08.94-	111553	12 0.8
	[HEE]						08.94-	111548	12 1.0
Charade 1.6 GTi	[HD-E]	04.94- 08.96	111610	14	45		08.93- 10.95	110298	12 0.8
		04.94- 08.96	112212#	14	60		04.94- 08.96	111553	12 0.8
	[HD-E]						03.93- 04.94	111548	12 1.0
Charmant 1.3	[4K]	11.81- 07.87	110274#	14	40		11.81- 07.97	110153	12 0.8
	[4K]	03.78- 07.81	110138	14	40				
Charmant 1.6	[2T]	03.78- 07.81	110138	14	40		08.78- 07.81	110296#	12 0.9
		08.81- 07.83	110139#	14	50		12.81- 08.83	110261	12 1.0
	[4A]	08.83- 07.87	110273	14	50		08.83- 07.87	110290#	12 1.0
Cuore 0.6	[AD10]	05.76- 09.80	110137	14	30				
Cuore 0.8	[ED10]	09.85- 12.90	113921	14	40		09.85- 12.90	111447	12 0.8
	[ED10]	09.85- 12.90	111048	14	40				
Cuore 0.8 4WD	[ED10]	09.86- 10.88	113921	14	40		09.86- 10.88	111447	12 0.8
	[ED10]	09.86- 10.88	111048	14	40				
Cuore 0.85	[ED10K]	10.90- 12.94	111951	14	40		10.90- 12.94	111447	12 0.8
	[ED20]	01.95-	111048	14	40		01.95- 11.96	111447	12 0.8
	[ED20]	01.95- 11.96	113921	14	40				
		03.03-	113306	14	60				
Cuore 1.0 i	[EJDE]	10.98-	113306	14	60				
Feroza 1.6 16V	[HDC]	10.88-	111437	14	50		06.90-	111464	12 1.0
Feroza 1.6 i 16V	[HD-E]	10.88-	111437	14	50		06.90-	111464	12 1.0
Grand Move 1.5 16V	[HEEG]	11.96- 03.00	111610	14	45		11.96- 03.00	111553	12 0.8
							11.96- 09.97	111548	12 1.0
							05.98- 07.02	111553	12 0.8
Grand Move 1.6	[HDEP]						06.86-	111088	12 0.8
Hijet 0.8	[CD]	06.86- 01.92	111048	14	40				
		06.86- 01.92	113921	14	40				
Hijet 1.0	[CB]	06.86- 11.92	111048	14	40		06.86- 11.92	111088	12 0.8
		06.86- 11.92	113921	14	40				
	[CB41]	12.92-	111048	14	40		12.92-	111088	12 0.8
		12.92- 05.98	113921	14	40				
Hijet 1.0 i	[CB42]						07.94- 05.98	111088	12 0.8
Move 0.9	[ED20]	10.96-	110258	14	35		10.96-	110298	12 0.8
Move 1.0 i	[EJDE]	10.98- 09.00	113306	14	60				
Rocky 2.0	[3V]	06.86- 04.93	111616	14	40		02.87- 04.93	110397	12 1.0
		02.87- 04.93	110248	14	40				
		02.87- 04.93	111428	14	60				
Rocky 2.8 Diesel	[DL]						12.87-	110473	12 2.5
							12.87-	111525	12 2.2
							02.85-	111262#	12 2.5
Rocky 2.8 TD	[DL51]						12.87- 04.93	110473	12 2.5
							12.87- 04.93	111525	12 2.2
							A13 05.93-	110473	12 2.5
							05.93-	110397	12 1.0
							09.91-	110473	12 2.5
						09.91-	111525	12 2.2	
						09.91-	111262#	12 2.5	
Sirion 1.0 i	[EJDE]	04.98-	113306	14	60				
Sirion 1.0 i 4WD	[EJDE]	AT 04.98- 05.00	113306	14	60				
	[EJ-VE]	05.00- 12.01	113306	14	60				
Sirion 1.3 Sport 4WD	[K3-VE2]	01.98- 08.04	113306	14	60				
Taft 1.6 Diesel 4WD	[12R]	09.76- 02.85	110137	14	30		09.76- 02.85	110154	12 0.8
	[12R]	09.76- 02.85	110138	14	40				
		09.76- 02.85	110258	14	35				
Taft 2.5 Diesel 4WD	[DG]						08.78- 08.82	110473	12 2.5
Taft 2.8 Diesel 4WD	[DL]						08.82- 02.85	110473	12 2.5
Terios 1.3	[K3-VE]						09.01-	112369	12 0.8
Terios 1.3 4WD	[HE-EJ]						10.97-	112369	12 0.8
	[K3-VE]						10.00-	112369	12 0.8
Wildcat 2.8 Diesel	[DL]						02.85- 03.87	110473	12 2.5
Wildcat 2.8 TD	[DL50]						09.85- 04.87	110473	12 2.5

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**DAIHATSU Continued**

PASSENGER CARS US										
Charade 1.0 CES								01.89-	110298	12 0.8
Charade 1.0 CLS								01.88- 01.89	110298	12 0.8
Charade 1.0 CLX								01.88- 01.89	110298	12 0.8
Charade 1.0 CSX								01.88-	110298	12 0.8
Charade 1.0 SE								01.90- 01.92	110298	12 0.8
Charade 1.0 SX								01.90-	110298	12 0.8
PASSENGER CARS AO										
Charade 1.6 GS	[HD-F]							08.93- 10.95	110298	12 0.8
Hilife 1.0 4WD	[CB10]							07.86- 10.90	111088	12 0.8
Rocky 2.2 4WD	[4Y]	03.93-	04.93	110248	14	40		05.93-	110397	12 1.0
DeLorean										
PASSENGER CARS US										
DMC 2.9 12								01.81-	01.83	110835 12 1.1
Dennis										
TRUCKS EU										
240 7.1	[D7E240]							05.03-	114323	24 4.0
250 5.9	[SBe250]	05.03-		112624						
240 MS 7.1	[D7E240]							10.07-	114323	24 4.0
240 RS 7.1	[D7E240]							10.07-	114323	24 4.0
Detroit										
MOTORS										
Various Models										
									112258	12
									112652	24 4.5
Deutz-Fahr										
AGRICULTURE										
60	[1000.3A]			112389	14	85				
75	[1000.4A]			112389	14	85				
85	[1000.4AT]			112389	14	85				
110	[1000.6A]			112389	14	85				
130	[1000.6A]			112389	14	85				
2003 3.8	[F4L 912]	02.79-	05.80	110641	14	33				
2004 3.8	[F4L912]	05.78-	12.88	110641	14	33				
100.4	[1000.4AT1]			112389	14	85				
100.6	[1000.4A]			112389	14	85				
60DT/2RM	[1000.3A]			112389	14	85				
70DT/2RM	[1000.4A]			112389	14	85				
80DT	[1000.4A]			112389	14	85				
90DT	[1000.4AT]			112389	14	85				
Agri 605								01.97-	112071	12 3.0
D 2807 1.9 Diesel	[F2L912]	06.86-	08.88	110641	14	33				
		09.88-		110360	14	45				
		09.88-		110881	14	55				
D 3607 1.9 Diesel	[F2L912]	06.86-	08.88	110641	14	33				
		09.88-		110360	14	45				
		09.88-		110881	14	55				
D 6807 3.8 Diesel	[F4L912]	06.86-	08.88	110641	14	33	06.86-	110536	12 2.7	
		09.88-		110360	14	45	01.92-	112555	12 3.1	
D 7007 3.8 Diesel	[F4L912]	06.86-	08.88	110641	14	33	01.92-	112555	12 3.1	
		09.88-		110360	14	45	06.86-	110536	12 2.7	
DE6 - Various Models										
		06.86-		110360	14	45				
DX 3.10 2.8 Diesel	[F3L912]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 3.30 2.8 Diesel	[F3L912]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 3.50 3.1 Diesel	[F3L913]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 3.60 3.8 Diesel	[F4L912]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 3.70 3.8 Diesel	[F4L912]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 3.80 4.1 Diesel	[F4L913]	06.86-		110360	14	45	06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 3.90 4.1 Diesel	[F4L913]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 4.10 3.8 Diesel	[F4L912]	06.86-		110360	14	45	01.92-	06.01	112555	12 3.1
							06.86-	110536	12 2.7	
DX 4.30 4.1 Diesel	[F4L913]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 4.31 4.1 Diesel	[F4L913]	01.91-		110360	14	45	01.92-	112555	12 3.1	
							01.91-	110536	12 2.7	
DX 4.50 4.1 Diesel	[BF4L913]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 4.51 4.1 Diesel	[BF4L913]	01.90-		110360	14	45	01.90-	06.94	113467	12 3.7
							01.92-	112555	12 3.1	
DX 4.70 4.1 Diesel	[BF4L913]						06.86-	110536	12 2.7	
							01.92-	112555	12 3.1	
DX 6.05 5.7 Diesel	[F6L912]	06.86-		110360	14	45	01.92-	06.01	112555	12 3.1
							06.86-	110536	12 2.7	
DX 6.30 6.1 Diesel	[F6L913]						06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX 6.31 6.0 Diesel	[BF6L913]	01.90-	01.05	112046	14	95	01.90-	06.94	113467	12 3.7
							01.90-	110536	12 2.7	
							01.92-	01.05	112555	12 3.1
DX 6.50 6.1 Diesel	[BF6L913]	06.86-	06.01	112046	14	95	01.92-	06.01	112555	12 3.1
							06.86-	110536	12 2.7	
							06.86-	113467	12 3.7	
DX 6.60 6.0 Diesel	[BF6L913]	10.88-		110360	14	45	01.92-	10.03	112555	12 3.1
							10.88-	110536	12 2.7	
DX 7.10 6.1 Diesel	[BF6L913]	06.86-	06.01	112046	14	95	06.86-	06.94	113467	12 3.7
							06.86-	110536	12 2.7	
							01.92-	06.01	112555	12 3.1
DX3 - Various Models										
		06.86-		110360	14	45				
		07.76-	10.85	110641	14	33				
DX4 - Various Models										
		06.86-		110360	14	45				
DX7 - Various Models										
		09.88-		110360	14	45				
		06.86-		112736	14	65				
Intrac 6.30 6.0 TD	[BF6L913]	01.88-		112046	14	95	01.89-	110536	12 2.7	
		01.88-	12.88	112736	14	65	01.92-	01.04	112555	12 3.1
Intrac 6.60 6.0 TD	[BF6L913]	01.88-	01.93	112046	14	95	01.88-	01.03	113467	12 3.7
		01.88-		112736	14	65				
M 1080 4.7 Diesel	[F5L912]	01.81-	08.88	110641	14	33	01.81-	110536	12 2.7	
		09.88-		110360	14	45	01.92-	01.96	112555	12 3.1
M 1202 5.7 Diesel	[F6L912]	01.80-	08.88	110641	14	33	01.80-	110536	12 2.7	
		09.88-		110360	14	45	01.92-	01.95	112555	12 3.1
M 2385 5.7 Diesel	[F6L912]	01.82-	01.97	112046	14	95	01.92-	01.97	112555	12 3.1
		01.82-	07.93	112736	14	65	01.82-	110536	12 2.7	
M 3330 2.8	[F3L912]						01.92-	03.02	112555	12 3.1
M 3360 3.8	[F4L912]						03.87-	03.02	110536	12 2.7
							01.92-	03.02	112555	12 3.1
M 980 3.8 Diesel	[F4L912]	01.81-	08.88	110641	14	33	01.92-	01.96	112555	12 3.1
							01.81-	110536	12 2.7	
Various Models										
		01.73-	12.75	110766	28	27			110536	12 2.7
		12.79-		112747	28	55				
		04.88-		113740	14	160	05.78-	10.85	113467	12 3.7
							01.92-		112555	12 3.1
		04.72-	12.75	110761	28	35			114220	24 4.0
		02.79-	10.84	110641	14	33				



		07.80- 10.84	110077	14	50				
		09.88- 12.01	110881	14	55				
			114192	14	200				
			114110	28	80				
			114365	28	140				
			114470	14	120				
<b>Dodge</b>									
<b>PASSENGER CARS EU</b>									
Caravan 2.4 i	[EDZ]	01.95- 03.01	113067	14	90	01.95- 03.01	112432		
Caravan 2.5 TD	[ENC]	01.95- 12.98	112195	14	115	01.95- 03.01	112454	12	2.2
Caravan 3.0	[EFA]	01.95-	113235	14	130	01.95- 03.01	113117#	12	1.2
Caravan 3.3	[EGA]	02.00- 01.06	113803	14	130				
Caravan 3.3 4WD	[EGA]	02.00- 01.06	113803	14	130				
Caravan 3.3 i	[EGP]	01.95- 12.98	113235	14	130	01.95- 03.01	111492	12	1.4
						01.95- 03.01	114135	12	1.2
Caravan 3.8	[EGH]	01.01- 01.06	113803	14	130				
Caravan 3.8 4WD	[EGH]	01.01- 01.06	113803	14	130				
Caravan 3.8 i	[EGH]	01.95- 12.98	113235	14	130	01.95- 03.01	114135	12	1.2
						01.95- 03.01	111492	12	1.4
Caravan 3.8 i 4WD	[EGH]	01.95- 12.98	113235	14	130	01.95- 03.01	114135	12	1.2
						06.08-	114117	12	1.0
Journey 2.0 CRD	[ECE]					05.94-	111396	12	1.2
Neon 2.0 16V	[ECB]	08.99-	113360	14	85	06.94-	111396	12	1.2
	[ECC]	04.96-	113360	14	85	04.96- 01.97	111396	12	1.2
	[ECH]	04.96-	113360	14	85	12.95-	111396	12	1.2
Stratus 2.0 16V	[ECB]	12.95-	113067	14	90				
Stratus 2.4 16V	[EDZ]	12.95-	113067	14	90				
Stratus 2.5 V6	[EEB]	12.95-	111529	14	90	01.95- 12.99	112846	12	1.4
<b>PASSENGER CARS US</b>									
330 4.5		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
330 5.2		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12	1.1
330 5.9		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
330 6.3		01.64- 01.64	110074	14	60	01.64- 01.64	110222	12	1.3
330 6.8		01.63- 01.63	110074	14	60				
330 7.0		01.63- 01.64	110074	14	60				
400 2.2		01.82-	110514	14	78	01.82-	113095#	12	0.9
400 2.2 LS		01.82-	110514	14	78	01.82-	113095#	12	0.9
400 2.6		01.82-	113028#	14	75	01.82- 01.83	111022#	12	1.4
						01.82-	110290#	12	1.0
400 2.6 LS		01.82-	113028#	14	75	01.82- 01.82	111022#	12	1.4
						01.82-	110290#	12	1.0
440 4.5		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
440 5.2		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12	1.1
440 5.9		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
440 6.3		01.64- 01.64	110074	14	60	01.64- 01.64	110222	12	1.3
440 6.8		01.63- 01.63	110074	14	60				
440 7.0		01.63- 01.64	110074	14	60				
600 2.2		01.83- 01.88	110513			01.83- 01.88	113095#	12	0.9
		01.83- 01.88	111813#	14	90				
		01.85- 01.88	111191#	14	90				
		01.83- 01.84	110514	14	78				
600 2.2 ES		01.83- 01.84	110513			01.83- 01.84	113095#	12	0.9
		01.83-	110514	14	78				
600 2.2 SE		01.85- 01.87	110513			01.85- 01.87	113095#	12	0.9
		01.85- 01.87	111813#	14	90				
600 2.2 Turbo		01.84- 01.89	110513			01.84- 01.89	113095#	12	0.9
		01.84- 01.89	111813#	14	90				
600 2.2 Turbo ES		01.84-	110513			01.84-	113095#	12	0.9
600 2.2 Turbo SE		01.85- 01.88	110513			01.85- 01.88	113095#	12	0.9
		01.85- 01.88	111813#	14	90				
600 2.5		01.85- 01.88	111191#	14	90	01.86- 01.88	111425	12	1.4
		01.86- 01.88	111813#	14	90				
600 2.5 SE		01.86- 01.88	111813#	14	90	01.86- 01.88	111425	12	1.4
600 2.6		01.83- 01.85	113028#	14	75	01.83- 01.85	111022#	12	1.4
						01.83- 01.85	110290#	12	1.0
600 2.6 ES		01.83- 01.84	113028#	14	75	01.83- 01.84	111022#	12	1.4
						01.83- 01.84	110290#	12	1.0
600 2.6 SE		01.85-	113028#	14	75	01.85- 01.85	111022#	12	1.4
						01.85-	110290#	12	1.0
880 4.5		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
880 5.2		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12	1.1
880 5.9		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12	1.1
880 6.3		01.63- 01.64	110074	14	60				
880 6.8		01.63- 01.63	110074	14	60				
880 7.0		01.63- 01.64	110074	14	60				
2000 2.0 GTX		01.89-	110802	14	75				
		01.89-	110804	14	90				
A100 2.8		01.64- 01.69	110074	14	60	01.64- 01.69	110223	12	1.1
A100 2.8 Sportsman		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
A100 3.2		01.70-	110236	14	60	01.70-	110223	12	1.1
A100 3.2 Sportsman		01.70-	110236	14	60	01.70-	110223	12	1.1
A100 3.7		01.64- 01.69	110074	14	60	01.64- 01.69	110223	12	1.1
		01.70-	110236	14	60				
A100 3.7 Sportsman		01.70-	110236	14	60	01.68- 01.69	110223	12	1.1
		01.68- 01.69	110074	14	60				
A100 4.5		01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
A100 5.2		01.67- 01.69	110074	14	60	01.67- 01.69	110223	12	1.1
		01.70-	110236	14	60				
A100 5.2 Sportsman		01.70-	110236	14	60	01.68- 01.69	110223	12	1.1
		01.68- 01.69	110074	14	60				
A108 2.8		01.67- 01.69	110074	14	60	01.67- 01.69	110223	12	1.1
A108 3.2		01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
A108 3.7		01.70- 01.70	110236	14	60	01.67- 01.70	110223	12	1.1
		01.67- 01.69	110074	14	60				
Aries 2.2		01.85- 01.89	111191#	14	90	01.81- 01.87	113095#	12	0.9
		01.85- 01.87	110513						
		01.85- 01.87	111813#	14	90				
		01.81- 01.85	110514	14	78				
Aries 2.2 Custom		01.81- 01.84	110514	14	78	01.81- 01.84	113095#	12	0.9
Aries 2.2 LE		01.85- 01.89	110513			01.85- 01.89	113095#	12	0.9
		01.85- 01.89	111813#	14	90				
Aries 2.2 SE		01.85- 01.86	110513			01.81- 01.86	113095#	12	0.9
		01.85- 01.86	111813#	14	90				
		01.81- 01.85	110514	14	78				
Aries 2.5		01.85- 01.89	111191#	14	90	01.86- 01.87	111425	12	1.4
		01.86- 01.87	111813#	14	90				
Aries 2.5 LE						01.86- 01.89	111425	12	1.4
		01.86- 01.89	111813#	14	90				





Application list

DODGE Continued

Aries 2.5 SE		01.86-	111813#	14	90		01.86-	111425	12	1.4
Aries 2.6		01.81- 01.85	113028#	14	75		01.81- 01.85	111022#	12	1.4
Aries 2.6 Custom		01.81- 01.84	113028#	14	75		01.81- 01.85	110290#	12	1.0
Aries 2.6 LE		01.85-	113028#	14	75		01.81- 01.84	111022#	12	1.4
Aries 2.6 SE		01.81- 01.85	113028#	14	75		01.81- 01.84	110290#	12	1.0
Aries		01.89-	111192#	14	120		01.85-	111022#	12	1.4
Aspen 3.7		01.76- 01.80	110236	14	60		01.85-	110290#	12	1.0
Aspen 3.7 Custom		01.76- 01.77	112848#	14	110/114		01.81- 01.85	111022#	12	1.4
Aspen 3.7 Special Edition		01.76- 01.77	110236	14	60		01.81- 01.85	110290#	12	1.0
Aspen 5.2		01.76- 01.80	110236	14	60		01.76- 01.77	110223	12	1.1
Aspen 5.2 Custom		01.76- 01.77	112848#	14	110/114		01.76- 01.77	110223	12	1.1
Aspen 5.2 Special Edition		01.76- 01.77	110236	14	60		01.76- 01.77	110223	12	1.1
Aspen 5.9		01.76- 01.80	110236	14	60		01.76- 01.80	110222	12	1.3
Aspen 5.9 Custom		01.76- 01.77	112848#	14	110/114		01.76- 01.77	110222	12	1.3
Aspen 5.9 Special Edition		01.76- 01.77	110236	14	60		01.76- 01.77	110222	12	1.3
Avenger 2.0	[ECF]	01.95- 01.98	111530	14	90		01.76- 01.77	112848#	14	110/114
Avenger 2.0 ES	[ECF]	01.96- 01.98	111530	14	90		01.95- 01.98	112816#	12	1.1
Avenger 2.5	[EEB]	01.97- 01.98	113027	14	130		01.99- 01.99	112816#	12	1.1
Avenger 2.5 ES	[EEB]	01.95- 01.98	113027	14	130		01.96- 01.98	112816#	12	1.1
B100 3.2		01.71-	110236	14	60		01.97- 01.98	113287	12	1.4
B100 3.7		01.71- 01.80	110236	14	60		01.99- 01.00	113287	12	1.4
B100 3.7 Sportsman		01.71- 01.80	112848#	14	110/114		01.95- 01.98	113287	12	1.4
B100 5.2		01.71- 01.80	110236	14	60		01.71-	110223	12	1.1
B100 5.2 Sportsman		01.71- 01.80	112848#	14	110/114		01.70- 01.87	112845	12	1.4
B100 5.9		01.71- 01.78	112848#	14	110/114		01.71- 01.80	110223	12	1.1
B100 5.9 Sportsman		01.72- 01.78	110236	14	60		01.71- 01.80	112845	12	1.4
B150 3.7		01.81- 01.87	110236	14	60		01.71- 01.78	110222	12	1.3
B150 3.7 Sportsman		01.81- 01.87	112848#	14	110/114		01.99- 01.03	113120	12	1.4
B150 3.9		01.88- 01.94	111193	14	90		01.70- 01.87	112845	12	1.4
B150 3.9 Sportsman		01.88- 01.94	113050#	14	90		01.72- 01.78	110222	12	1.3
B150 5.2		01.88- 01.94	111192#	14	120		01.70- 01.87	112845	12	1.4
B150 5.2 Sportsman		01.88- 01.94	113050#	14	90		01.71- 01.87	110223	12	1.1
B200 3.2		01.71-	110236	14	60		01.71- 01.87	112845	12	1.4
B200 3.7		01.71- 01.79	112848#	14	110/114		01.81- 01.87	110223	12	1.1
B200 3.7 Maxi		01.72- 01.78	110236	14	60		01.81- 01.87	112845	12	1.4
B200 3.7 Sportsman		01.71- 01.78	112848#	14	110/114		01.81- 01.87	110223	12	1.1
B200 5.2		01.71- 01.80	110236	14	60		01.81- 01.87	110223	12	1.1
B200 5.2 Maxi		01.71- 01.71	112833	14	90		01.81- 01.87	112845	12	1.4
B200 5.2 Sportsman		01.72- 01.80	110236	14	60		01.88- 01.94	111456	12	1.4
B200 5.9		01.71- 01.80	110236	14	60		01.81- 01.87	112845	12	1.4
B200 5.9 Maxi		01.72- 01.80	112848#	14	110/114		01.81- 01.87	110223	12	1.1
B200 5.9 Sportsman		01.72- 01.80	110236	14	60		01.88- 01.94	111456	12	1.4
		01.72- 01.80	112848#	14	110/114		01.81- 01.87	112845	12	1.4

**STARTERS & ALTERNATORS**  
O.E.M. names and numbers are used for reference purposes only.



B200 6.6	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
	01.71- 01.78	112848#	14	110/114				
B200 6.6 Maxi	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
B200 6.6 Sportsman	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
B200 7.2	01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
	01.75- 01.78	112848#	14	110/114				
B200 7.2 Maxi	01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
	01.74- 01.78	112848#	14	110/114				
B200 7.2 Sportsman	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
B250 3.7	01.81- 01.87	110236	14	60	01.81- 01.87	110223	12	1.1
	01.81- 01.87	112848#	14	110/114				
B250 3.7 Sportsman	01.81- 01.87	110236	14	60	01.81- 01.87	110223	12	1.1
	01.81- 01.87	112848#	14	110/114				
B250 3.9	01.88- 01.94	111193	14	90	01.88- 01.94	111456	12	1.4
	01.88- 01.94	113050#	14	90				
	01.88- 01.94	111192#	14	120				
B250 3.9 Sportsman	01.88- 01.94	113050#	14	90	01.88- 01.94	111456	12	1.4
	01.88- 01.94	111192#	14	120				
	01.88- 01.94	111193	14	90				
B250 5.2	01.88- 01.94	113050#	14	90	01.88- 01.94	111456	12	1.4
	01.88- 01.94	111193	14	90	01.99- 01.03	113120	12	1.4
	01.88- 01.94	111192#	14	120	01.81- 01.87	110223	12	1.1
	01.81- 01.87	110236	14	60				
	01.81- 01.87	112848#	14	110/114				
B250 5.2 Sportsman	01.88- 01.94	113050#	14	90	01.88- 01.94	111456	12	1.4
	01.88- 01.94	111193	14	90	01.99- 01.03	113120	12	1.4
	01.88- 01.94	111192#	14	120	01.81- 01.87	110223	12	1.1
	01.81- 01.87	110236	14	60				
	01.81- 01.87	112848#	14	110/114				
B250 5.2	01.92- 01.94	112833	14	90	01.92- 01.94	111764	12	1.4
B250 5.2 Sportsman	01.92- 01.94	112833	14	90	01.92- 01.94	111764	12	1.4
B250 5.9	01.81- 01.87	112848#	14	110/114	01.99- 01.03	113120	12	1.4
	01.81- 01.87	110236	14	60	01.88- 01.94	111456	12	1.4
	01.88- 01.94	111192#	14	120	01.81- 01.87	110222	12	1.3
	01.88- 01.94	111193	14	90				
	01.88- 01.94	113050#	14	90				
B250 5.9 Sportsman	01.88- 01.94	113050#	14	90	01.88- 01.94	111456	12	1.4
	01.88- 01.94	111193	14	90	01.99- 01.03	113120	12	1.4
	01.88- 01.94	111192#	14	120	01.81- 01.87	110222	12	1.3
	01.81- 01.87	110236	14	60				
	01.81- 01.87	112848#	14	110/114				
B2500 3.9	01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
	01.95- 01.98	112833	14	90	01.95- 01.97	111764	12	1.4
B2500 3.9 Sportsman	01.95- 01.97	112833	14	90	01.96- 01.97	113116	12	1.4
	01.95- 01.97	112833	14	90	01.95- 01.97	111764	12	1.4
B2500 5.2	01.95- 01.98	112833	14	90	01.96- 01.98	113116	12	1.4
	01.98- 01.98	113071	14	136	01.95- 01.97	111764	12	1.4
B2500 5.2 Sportsman	01.95- 01.97	112833	14	90	01.96- 01.97	113116	12	1.4
	01.95- 01.97	112833	14	90	01.95- 01.97	111764	12	1.4
B2500 5.2	01.95- 01.96	112833	14	90	01.96- 01.96	113116	12	1.4
	01.95- 01.96	112833	14	90	01.95- 01.96	111764	12	1.4
B2500 5.2 Sportsman	01.95- 01.97	112833	14	90	01.96- 01.97	113116	12	1.4
	01.95- 01.97	112833	14	90	01.95- 01.97	111764	12	1.4
B2500 5.9	01.95- 01.98	112833	14	90	01.96- 01.98	113116	12	1.4
	01.98- 01.98	113071	14	136	01.95- 01.97	111764	12	1.4
B2500 5.9 Sportsman	01.95- 01.97	112833	14	90	01.96- 01.97	113116	12	1.4
	01.95- 01.97	112833	14	90	01.95- 01.97	111764	12	1.4
B300 3.7	01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
	01.71- 01.80	112848#	14	110/114				
B300 3.7 Maxi	01.72- 01.79	112848#	14	110/114	01.72- 01.79	110223	12	1.1
	01.72- 01.79	110236	14	60				
B300 3.7 Sportsman	01.71- 01.73	110236	14	60	01.71- 01.73	110223	12	1.1
	01.71- 01.73	112848#	14	110/114				
B300 5.2	01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
	01.71- 01.80	112848#	14	110/114				
B300 5.2 Maxi	01.72- 01.80	110236	14	60	01.72- 01.80	110223	12	1.1
	01.72- 01.80	112848#	14	110/114				
B300 5.2 Sportsman	01.71- 01.80	110236	14	60	01.99- 01.03	113120	12	1.4
	01.71- 01.80	112848#	14	110/114	01.71- 01.80	110223	12	1.1
B300 5.9	01.71- 01.80	110236	14	60	01.71- 01.80	110222	12	1.3
	01.71- 01.80	112848#	14	110/114				
B300 5.9 Maxi	01.72- 01.80	110236	14	60	01.72- 01.80	110222	12	1.3
	01.72- 01.80	112848#	14	110/114				
B300 5.9 Sportsman	01.72- 01.80	110236	14	60	01.72- 01.80	110222	12	1.3
	01.72- 01.80	112848#	14	110/114				
B300 6.6	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
B300 6.6 Maxi	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
B300 6.6 Sportsman	01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
	01.77- 01.78	112848#	14	110/114				
B300 7.2	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
B300 7.2 Maxi	01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
	01.75- 01.78	112848#	14	110/114				
B300 7.2 Sportsman	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

DODGE Continued

B350 3.9	01.90- 01.94	111194	14	120	01.90- 01.94	111456	12	1.4	
	01.90- 01.94	113054#	14	90					
B350 5.2					01.88- 01.94	111456	12	1.4	
					01.99- 01.03	113120	12	1.4	
		01.88- 01.94	113050#	14	90	01.81- 01.87	110223	12	1.1
		01.88- 01.94	111193	14	90				
		01.88- 01.94	111192#	14	120				
		01.81- 01.87	112848#	14	110/114				
B350 5.2 Sportsman		01.81- 01.87	110236	14	60				
					01.88- 01.94	111456	12	1.4	
		01.88- 01.94	111192#	14	120	01.99- 01.03	113120	12	1.4
					01.81- 01.87	110223	12	1.1	
		01.88- 01.94	113050#	14	90				
		01.88- 01.94	111193	14	90				
B350 5.2		01.81- 01.87	110236	14	60				
		01.81- 01.87	112848#	14	110/114				
		01.92- 01.94	112833	14	90	01.92- 01.94	111764	12	1.4
B350 5.2 Sportsman					01.92- 01.94	111764	12	1.4	
		01.92- 01.94	112833	14	90				
B350 5.9					01.81- 01.87	112848#	14	110/114	
		01.81- 01.87	110236	14	60	01.99- 01.03	113120	12	1.4
					01.88- 01.94	111456	12	1.4	
					01.96- 01.98	113116	12	1.4	
		01.88- 01.94	111193	14	90	01.81- 01.87	110222	12	1.3
		01.88- 01.94	113050#	14	90				
B350 5.9 Sportsman		01.88- 01.94	111192#	14	120				
		01.90- 01.94	111194	14	120	01.88- 01.94	111456	12	1.4
		01.90- 01.94	113054#	14	90	01.96- 01.98	113116	12	1.4
					01.99- 01.03	113120	12	1.4	
					01.88-	111192#	14	120	
		01.88-	113050#	14	90	01.81- 01.87	110222	12	1.3
B3500 5.2		01.88-	111193	14	90				
		01.81- 01.87	110236	14	60				
		01.81- 01.87	112848#	14	110/114				
		01.95- 01.98	112833	14	90	01.96- 01.98	113116	12	1.4
		01.98- 01.98	113071	14	136	01.95- 01.97	111764	12	1.4
B3500 5.2 Sportsman					01.96- 01.97	113116	12	1.4	
					01.95- 01.97	111764	12	1.4	
B3500 5.2		01.95- 01.97	112833	14	90				
		01.95- 01.96	112833	14	90	01.96- 01.96	113116	12	1.4
B3500 5.2 Sportsman					01.95- 01.96	111764	12	1.4	
B3500 5.9					01.96- 01.97	113116	12	1.4	
					01.95- 01.97	111764	12	1.4	
		01.95- 01.98	112833	14	90	01.96- 01.98	113116	12	1.4
					01.97- 01.98	112833			
B3500 5.9 Sportsman					01.95- 01.97	111764	12	1.4	
		01.98- 01.98	113071	14	136	01.95- 01.97	111764	12	1.4
Caravan 2.2		01.85- 01.89	111191#	14	90	01.84- 01.87	113095#	12	0.9
		01.89-	111192#	14	120				
		01.84- 01.87	110513						
Caravan 2.2 LE		01.84- 01.87	110513			01.84- 01.87	113095#	12	0.9
Caravan 2.2 SE		01.84- 01.87	110513			01.84- 01.87	113095#	12	0.9
Caravan 2.4						01.96- 01.00	113241#	12	1.2
Caravan 2.4 SE						01.96- 01.97	113241#	12	1.2
Caravan 2.5						01.88- 01.95	111425	12	1.4
Caravan 2.5 C/V									
		01.92- 01.95	113058	14	120				
		01.92- 01.95	111193	14	90				
		01.85- 01.89	111191#	14	90				
		01.89-	111192#	14	120				
		01.90- 01.93	111194	14	120				
		01.88- 01.91	111813#	14	90				
		01.88- 01.91	113052#	14	90				
Caravan 2.5 LE									
		01.89- 01.91	113052#	14	90				
		01.88- 01.91	111813#	14	90	01.88- 01.91	111425	12	1.4
		01.88- 01.91	113052#	14	90				
Caravan 2.5 SE						01.88- 01.93	111425	12	1.4
		01.92- 01.93	111193	14	90				
		01.92- 01.93	113058	14	120				
		01.88- 01.91	111813#	14	90				
Caravan 2.5 Turbo									
		01.88- 01.91	113052#	14	90				
		01.89- 01.90	113052#	14	90	01.89- 01.90	111425	12	1.4
		01.89- 01.90	113051	14	120				
Caravan 2.5 Turbo C/V		01.89- 01.90	111813#	14	90				
		01.89- 01.90	113051	14	120	01.89- 01.90	111425	12	1.4
		01.89- 01.90	113052#	14	90				
Caravan 2.5 Turbo LE									
		01.89- 01.90	113052#	14	90	01.89- 01.90	111425	12	1.4
		01.89- 01.90	113051	14	120				
Caravan 2.5 Turbo SE		01.89- 01.90	111813#	14	90				
		01.89- 01.90	113051	14	120	01.89- 01.90	111425	12	1.4
		01.89- 01.90	113052#	14	90				
Caravan 2.6									
		01.84- 01.87	113028#	14	75	01.84- 01.87	111022#	12	1.4
Caravan 2.6 LE						01.84- 01.87	110290#	12	1.0
		01.84- 01.87	113028#	14	75	01.84- 01.87	111022#	12	1.4
Caravan 2.6 SE						01.84- 01.87	110290#	12	1.0
		01.84- 01.87	113028#	14	75	01.84- 01.87	111022#	12	1.4
						01.84- 01.87	110290#	12	1.0





Caravan 3.0		01.91- 01.95	113056	14	90	01.90- 01.95	111456	12	1.4
		01.91- 01.95	113060#	14	120	01.96- 01.00	113117#	12	1.2
		01.90- 01.89	111193	14	90				
		01.90- 01.90	113059#	14	120				
		01.90- 01.90	113055	14	90				
Caravan 3.0 C/V		01.91- 01.95	113056	14	90	01.89- 01.95	111456	12	1.4
		01.91- 01.95	113060#	14	120				
		01.90- 01.90	113059#	14	120				
		01.90- 01.90	113055	14	90				
		01.89- 01.89	111192#	14	120				
		01.89- 01.89	111191#	14	90				
Caravan 3.0 ES		01.94- 01.95	113056	14	90	01.93- 01.95	113117#	12	1.2
		01.94- 01.95	113060#	14	120	01.94- 01.95	111456	12	1.4
Caravan 3.0 LE		01.91- 01.95	113060#	14	120	01.87- 01.95	111456	12	1.4
		01.91- 01.95	113056	14	90				
		01.90- 01.90	113059#	14	120				
		01.90- 01.90	113055	14	90				
Caravan 3.0 SE		01.91- 01.95	113056	14	90	01.87- 01.95	111456	12	1.4
		01.91- 01.95	113060#	14	120	01.96- 01.97	113117#	12	1.2
		01.90- 01.90	113055	14	90				
		01.90- 01.90	113059#	14	120				
Caravan 3.3		01.01- 01.06	113803	14	130	01.90- 01.00	111492	12	1.4
		01.90- 01.95	113056	14	90	01.97- 01.00	114135	12	1.2
		01.90- 01.95	113060#	14	120				
Caravan 3.3 C/V		01.91- 01.92	113060#	14	120	01.91- 01.92	111492	12	1.4
		01.91- 01.92	113056	14	90				
Caravan 3.3 ES		01.93- 01.97	113056	14	90	01.93- 01.97	111492	12	1.4
		01.93- 01.97	113060#	14	120				
Caravan 3.3 LE		01.91- 01.95	113056	14	90	01.91- 01.97	111492	12	1.4
		01.91- 01.95	113060#	14	120				
Caravan 3.3 SE		01.91- 01.95	113056	14	90	01.91- 01.97	111492	12	1.4
		01.91- 01.95	113060#	14	120				
Caravan 3.3		01.94- 01.95	113060#	14	120	01.94- 01.95	111492	12	1.4
		01.94- 01.95	113056	14	90				
Caravan 3.3 C/V		01.94- 01.95	113056	14	90	01.94- 01.95	111492	12	1.4
		01.94- 01.95	113060#	14	120				
Caravan 3.3 SE		01.94- 01.95	113056	14	90	01.94- 01.95	111492	12	1.4
		01.94- 01.95	113060#	14	120				
Caravan 3.3	[EGM]	01.01- 01.06	113803	14	130	01.99- 01.00	111492	12	1.4
		01.01- 01.06	113803	14	130	01.99- 01.00	114135	12	1.2
		01.01- 01.06	113803	14	130	01.98- 01.98	111492	12	1.4
Caravan 3.3 SE	[EGM]	01.01- 01.06	113803	14	130				
		01.01- 01.06	113803	14	130				
Caravan 3.3 Sport		01.01- 01.06	113803	14	130				
Caravan 3.8						01.98- 01.99	111492	12	1.4
						01.98- 01.99	114135	12	1.2
Caravan 3.8 ES						01.96- 01.97	111492	12	1.4
Caravan 3.8 LE						01.96- 01.97	111492	12	1.4
CB300 3.7		01.74- 01.79	110236	14	60	01.74- 01.79	110223	12	1.1
		01.74- 01.79	112848#	14	110/114	01.74- 01.79	110222	12	1.3
CB300 5.2		01.74- 01.80	112848#	14	110/114	01.74- 01.80	110222	12	1.3
		01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
CB300 5.9		01.74- 01.80	110236	14	60	01.74- 01.80	110222	12	1.3
		01.74- 01.80	112848#	14	110/114				
CB300 6.6		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
		01.76- 01.78	112848#	14	110/114				
CB300 7.2		01.77- 01.79	110236	14	60	01.77- 01.79	110222	12	1.3
		01.77- 01.79	112848#	14	110/114				
Challenger 1.6						01.78- 01.79	110158	12	1.2
						01.78- 01.79	110157	12	1.0
Challenger 2.6		01.81- 01.83	110805	14	50	01.78- 01.83	110158	12	1.2
						01.81- 01.83	110311#	12	1.2
						01.78- 01.80	110291	12	1.2
Challenger 3.2		01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
		01.70- 01.72	110236	14	60	01.70- 01.72	110223	12	1.1
Challenger 3.7		01.70- 01.72	112848#	14	110/114				
Challenger 5.2		01.70- 01.74	112848#	14	110/114	01.70- 01.74	110223	12	1.1
		01.70- 01.74	110236	14	60				
Challenger 5.2 Rallye		01.72- 01.72	112848#	14	110/114	01.72- 01.72	110223	12	1.1
		01.72- 01.72	110236	14	60				
Challenger 5.6		01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
		01.70- 01.73	112848#	14	110/114				
Challenger 5.6 R/T		01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
		01.71- 01.71	112848#	14	110/114				
Challenger 5.6 Rallye		01.72- 01.72	110236	14	60	01.72- 01.72	110223	12	1.1
		01.72- 01.72	112848#	14	110/114				
Challenger 5.6 T/A		01.70- 01.70	112848#	14	110/114	01.70- 01.70	110223	12	1.1
		01.70- 01.70	110236	14	60				
Challenger 5.9		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
		01.74- 01.74	112848#	14	110/114				
Challenger 6.3		01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
		01.70- 01.71	112848#	14	110/114				
Challenger 6.3 R/T		01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
		01.70- 01.71	112848#	14	110/114				
Challenger 7.0		01.70- 01.70	110236	14	60	01.70- 01.70	110222	12	1.3
		01.70- 01.70	112848#	14	110/114				
Challenger 7.0 R/T		01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
		01.70- 01.71	112848#	14	110/114				
Challenger 7.2 R/T		01.70- 01.71	112848#	14	110/114	01.70- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60				
Charger 1.6	[ECA]					01.84- 01.84	113039	12	0.9
Charger 2.2									
		01.84- 01.86	111813#	14	90				
		01.84- 01.86	110513						
Charger 2.2 2.2		01.85- 01.87	111191#	14	90				
Charger 2.2 Shelby		01.84- 01.84	110513			01.83- 01.84	113095#	12	0.9
		01.83- 01.84	110514	14	78				
Charger 2.2 Turbo 2.2		01.84- 01.84	110513						
Charger 2.2 Turbo Shelby		01.85- 01.87	110513			01.85- 01.87	113095#	12	0.9
		01.85- 01.87	111813#	14	90				
Charger 3.7		01.70- 01.76	112848#	14	110/114	01.68- 01.76	110223	12	1.1
		01.70- 01.76	110236	14	60				
		01.68- 01.69	110074	14	60				
Charger 3.7 500		01.70- 01.70	112848#	14	110/114	01.70- 01.70	110223	12	1.1
		01.70- 01.70	110236	14	60				
Charger 3.7 Sport		01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
		01.76- 01.76	112848#	14	110/114				
Charger 4.5		01.66- 01.66	110074	14	60	01.66- 01.66	110223	12	1.1
Charger 5.2		01.70- 01.76	110236	14	60	01.67- 01.76	110223	12	1.1
		01.70- 01.76	112848#	14	110/114				
		01.67- 01.69	110074	14	60				
Charger 5.2 500		01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
		01.70- 01.71	112848#	14	110/114				
Charger 5.2 R/T		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Charger 5.2 Special Edition		01.71- 01.78	112848#	14	110/114	01.71- 01.78	110223	12	1.1
		01.71- 01.78	110236	14	60				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

DODGE Continued

Charger 5.2 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
	01.76- 01.76	112848#	14	110/114				
Charger 5.6	01.72- 01.73	110236	14	60	01.72- 01.73	110223	12	1.1
	01.72- 01.73	112848#	14	110/114				
Charger 5.6 Special Edition	01.72- 01.73	110236	14	60	01.72- 01.73	110223	12	1.1
	01.72- 01.73	112848#	14	110/114				
Charger 5.6 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
	01.71- 01.71	112848#	14	110/114				
Charger 5.9	01.74- 01.76	110236	14	60	01.74- 01.76	110222	12	1.3
	01.74- 01.76	112848#	14	110/114				
Charger 5.9 Special Edition	01.74- 01.78	112848#	14	110/114	01.74- 01.78	110222	12	1.3
	01.74- 01.78	110236	14	60				
Charger 5.9 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110222	12	1.3
	01.76- 01.76	112848#	14	110/114				
Charger 6.3	01.70- 01.71	110236	14	60	01.67- 01.71	110223	12	1.1
	01.70- 01.71	112848#	14	110/114				
Charger 6.3 500	01.67- 01.69	110074	14	60				
	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
	01.70- 01.71	112848#	14	110/114				
Charger 6.3 R/T	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Charger 6.3 Special Edition	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
	01.71- 01.71	112848#	14	110/114				
Charger 6.3 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
	01.71- 01.71	112848#	14	110/114				
Charger 6.6	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
	01.72- 01.76	112848#	14	110/114				
Charger 6.6 Special Edition	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
	01.72- 01.78	112848#	14	110/114				
Charger 6.6 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110222	12	1.3
	01.76- 01.76	112848#	14	110/114				
Charger 7.0	01.67- 01.69	110074	14	60	01.67- 01.69	110222	12	1.3
Charger 7.0 500	01.69- 01.69	110074	14	60	01.69- 01.69	110222	12	1.3
Charger 7.0 R/T	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
Charger 7.0 Super Bee	01.68- 01.69	110074	14	60				
	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Charger 7.2	01.70- 01.74	110236	14	60	01.67- 01.74	110222	12	1.3
	01.70- 01.74	112848#	14	110/114				
	01.67- 01.69	110074	14	60				
Charger 7.2 500	01.70- 01.70	110236	14	60	01.69- 01.70	110222	12	1.3
	01.70- 01.70	112848#	14	110/114				
	01.69- 01.69	110074	14	60				
Charger 7.2 R/T	01.70- 01.71	110236	14	60	01.67- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
Charger 7.2 Special Edition	01.67- 01.69	110074	14	60				
	01.71- 01.74	110236	14	60	01.71- 01.74	110222	12	1.3
	01.71- 01.74	112848#	14	110/114				
Charger 7.2 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Colt 1.4	01.79- 01.83	110140	14	50	01.79- 01.83	110158	12	1.2
Colt 1.4 Custom	01.79- 01.79	110140	14	50	01.79- 01.79	110158	12	1.2
Colt 1.4 Deluxe	01.82- 01.83	110140	14	50	01.82- 01.83	110158	12	1.2
Colt 1.4 DL	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.4 E	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.5	01.89- 01.94	110659	14	75	01.89- 01.94	110158	12	1.2
					01.91- 01.94	110958	12	0.9
Colt 1.5 100 DL	01.89- 01.91	110659	14	75	01.89- 01.91	110158	12	1.2
					01.91- 01.91	110958	12	0.9
Colt 1.5 100 E	01.89- 01.92	110659	14	75	01.89- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 100 LX	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 200 DL	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 200 E	01.89- 01.92	110659	14	75	01.89- 01.92	110158	12	1.2
					01.92- 01.92	110958	12	0.9
Colt 1.5 200 GT	01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 200 LX	01.89- 01.89	110659	14	75	01.89- 01.89	110158	12	1.2
Colt 1.5 DL	01.88- 01.90	110659	14	75	01.85- 01.90	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 E	01.89- 01.89	110659	14	75	01.85- 01.89	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 ES	01.94- 01.94	110659	14	75	01.94- 01.94	110158	12	1.2
					01.94- 01.94	110958	12	0.9
Colt 1.5 GL	01.90- 01.93	110659	14	75	01.90- 01.93	110158	12	1.2
					01.91- 01.93	110958	12	0.9
Colt 1.5 GT	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.6	01.79- 01.80	110140	14	50	01.79- 01.80	110158	12	1.2
					01.71- 01.78	110157	12	1.0
Colt 1.6 200 LX	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Carousel					01.75- 01.77	110157	12	1.0
Colt 1.6 Custom	01.79- 01.83	110140	14	50	01.79- 01.83	110158	12	1.2
					01.77- 01.78	110157	12	1.0
Colt 1.6 Deluxe	01.82- 01.83	110140	14	50	01.82- 01.83	110158	12	1.2
Colt 1.6 DL	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.6 E	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.6 GT	01.90- 01.90	110802	14	75	01.90- 01.90	110811	12	1.2
					01.73- 01.77	110157	12	1.0
Colt 1.6 Turbo 100 DL	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Turbo 100 LX	01.89- 01.90	110802	14	75	01.89- 01.90	110811	12	1.2
Colt 1.6 Turbo DL					01.84- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
	01.84- 01.84	110140	14	50				
Colt 1.6 Turbo GT	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Turbo Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.8	01.94- 01.94	111375	14	75	01.94- 01.94	111379		
Colt 1.8 DL					01.89- 01.90	110158	12	1.2
Colt 1.8 ES	01.94- 01.94	111375	14	75	01.94- 01.94	111379		
Colt 1.8 GL					01.93- 01.93	111379		
Colt 1.8 SE								
Colt 2.0					01.74- 01.77	110157	12	1.0
Colt 2.0 Carousel					01.76- 01.77	110291	12	1.2
					01.76- 01.77	110157	12	1.0
Colt 2.0 GT					01.74- 01.77	110157	12	1.0
Colt 2.0 Vista	01.87- 01.91	112531	14	60	01.87- 01.91	110811	12	1.2
	01.85- 01.86	110660	14	65	01.84- 01.91	110158	12	1.2
	01.84- 01.84	110405#	14	65	01.84- 01.86	110311#	12	1.2
Colt 2.0 Vista Custom	01.86- 01.86	110660	14	65	01.86- 01.86	110158	12	1.2
					01.86- 01.86	110311#	12	1.2
Colt 2.4	01.93- 01.94	111376	14	75	01.93- 01.94	113615#	12	1.6
					01.93- 01.94	110158	12	1.2



Colt 2.4 4x4	01.93- 01.94	111376	14	75	01.93- 01.94	113615#	12	1.6
					01.93- 01.94	110158	12	1.2
Colt 2.4 SE	01.93- 01.94	111376	14	75	01.93- 01.94	113615#	12	1.6
					01.93- 01.94	110158	12	1.2
Colt 2.6	01.78- 01.80	110805	14	50	01.78- 01.80	110158	12	1.2
					01.78- 01.80	110291	12	1.2
Conquest 2.6 Turbo	01.84- 01.86	110318	14	50	01.84- 01.86	110311#	12	1.2
					01.84- 01.85	110158	12	1.2
Coronet 3.7	01.67- 01.67	110074	14	60	01.67- 01.76	110223	12	1.1
	01.71- 01.76	110236	14	60				
	01.71- 01.76	112848#	14	110/114				
Coronet 3.7 440	01.70- 01.70	112848#	14	110/114	01.68- 01.70	110223	12	1.1
	01.70- 01.70	110236	14	60				
Coronet 3.7 Brougham	01.68- 01.69	110074	14	60				
	01.76- 01.76	112848#	14	110/114	01.76- 01.76	110223	12	1.1
	01.76- 01.76	110236	14	60				
Coronet 3.7 Custom	01.71- 01.75	110236	14	60	01.71- 01.75	110223	12	1.1
	01.71- 01.75	112848#	14	110/114				
Coronet 3.7 Deluxe	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 4.5	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
Coronet 4.5 440	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 4.5 500	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 4.5 Deluxe	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 5.2	01.65- 01.67	110074	14	60	01.71- 01.76	110223	12	1.1
	01.71- 01.76	112848#	14	110/114				
	01.71- 01.76	110236	14	60				
Coronet 5.2 440	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 5.2 500	01.70- 01.70	112848#	14	110/114	01.68- 01.70	110223	12	1.1
	01.70- 01.70	110236	14	60				
	01.68- 01.69	110074	14	60				
Coronet 5.2 Brougham	01.71- 01.76	110236	14	60	01.71- 01.76	110223	12	1.1
	01.71- 01.76	112848#	14	110/114				
Coronet 5.2 Crestwood	01.71- 01.75	110236	14	60	01.71- 01.75	110223	12	1.1
	01.71- 01.75	112848#	14	110/114				
Coronet 5.2 Custom	01.71- 01.75	110236	14	60	01.71- 01.75	110223	12	1.1
	01.71- 01.75	112848#	14	110/114				
Coronet 5.2 Deluxe	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 5.6 Crestwood	01.73- 01.73	110236	14	60	01.73- 01.73	110223	12	1.1
	01.73- 01.73	112848#	14	110/114				
Coronet 5.6 Custom	01.72- 01.73	110236	14	60	01.72- 01.73	110223	12	1.1
	01.72- 01.73	112848#	14	110/114				
Coronet 5.9	01.73- 01.76	110236	14	60	01.73- 01.76	110222	12	1.3
	01.73- 01.76	112848#	14	110/114				
Coronet 5.9 Brougham	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
	01.75- 01.76	112848#	14	110/114				
Coronet 5.9 Crestwood	01.74- 01.76	112848#	14	110/114	01.74- 01.76	110222	12	1.3
	01.74- 01.76	110236	14	60				
Coronet 5.9 Custom	01.74- 01.75	110236	14	60	01.74- 01.75	110222	12	1.3
	01.74- 01.75	112848#	14	110/114				
Coronet 6.3	01.67- 01.67	110074	14	60	01.67- 01.71	110223	12	1.1
	01.71- 01.71	110236	14	60				
	01.71- 01.71	112848#	14	110/114				
Coronet 6.3 440	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 6.3 500	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 6.3 Brougham	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
	01.71- 01.71	112848#	14	110/114				
Coronet 6.3 Crestwood	01.71- 01.71	112848#	14	110/114	01.71- 01.71	110223	12	1.1
	01.71- 01.71	110236	14	60				
Coronet 6.3 Custom	01.71- 01.71	112848#	14	110/114	01.71- 01.71	110223	12	1.1
	01.71- 01.71	110236	14	60				
Coronet 6.3 Deluxe	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 6.3 R/T	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 6.3 Super Bee	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 6.6	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
	01.72- 01.76	112848#	14	110/114				
Coronet 6.6 Brougham	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
	01.75- 01.76	112848#	14	110/114				
Coronet 6.6 Crestwood	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
	01.72- 01.76	112848#	14	110/114				
Coronet 6.6 Custom	01.72- 01.75	110236	14	60	01.72- 01.75	110222	12	1.3
	01.72- 01.75	112848#	14	110/114				
Coronet 6.8	01.65- 01.65	110074	14	60				
Coronet 7.0	01.65- 01.67	110074	14	60	01.65- 01.67	110222	12	1.3
Coronet 7.0 440	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Coronet 7.0 R/T	01.67- 01.69	110074	14	60	01.67- 01.69	110222	12	1.3
	01.70- 01.70	110236	14	60				
	01.70- 01.70	112848#	14	110/114				
Coronet 7.0 Super Bee	01.70- 01.70	110236	14	60	01.68- 01.69	110222	12	1.3
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Coronet 7.2	01.70- 01.76	110236	14	60	01.67- 01.76	110222	12	1.3
	01.70- 01.76	112848#	14	110/114				
	01.67- 01.67	110074	14	60				
Coronet 7.2 440	01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3
Coronet 7.2 R/T	01.70- 01.70	110236	14	60	01.67- 01.70	110222	12	1.3
	01.70- 01.70	112848#	14	110/114				
	01.67- 01.69	110074	14	60				
Coronet 7.2 Super Bee	01.70- 01.70	110236	14	60	01.69- 01.70	110222	12	1.3
	01.70- 01.70	112848#	14	110/114				
	01.69- 01.69	110074	14	60				
Custom 4.5	01.64- 01.65	110074	14	60	01.64- 01.65	110223	12	1.1
Custom 5.2	01.62- 01.65	110074	14	60	01.62- 01.65	110223	12	1.1
Custom 5.9	01.62- 01.64	110074	14	60	01.62- 01.64	110223	12	1.1
Custom 6.3	01.62- 01.65	110074	14	60				
Custom 6.8	01.62- 01.65	110074	14	60				
Custom 7.0	01.63- 01.65	110074	14	60				
D100 3.2	01.70- 01.87	112848#	14	110/114	01.70- 01.71	110223	12	1.1
	01.70- 01.71	110236	14	60				
D100 3.7	01.70- 01.87	110236	14	60	01.68- 01.87	110223	12	1.1
	01.70- 01.87	112848#	14	110/114				
	01.68- 01.69	110074	14	60				





Application list

**DODGE** Continued

D100 3.9	01.88- 01.89 113050#	14	90	01.88- 01.89 111456	12	1.4
	01.88- 01.89 111193	14	90			
	01.88- 01.89 111192#	14	120			
D100 5.2	01.88- 01.89 111192#	14	120	01.88- 01.89 111456	12	1.4
				01.68- 01.87 110223	12	1.1
	01.88- 01.89 113050#	14	90			
	01.88- 01.89 111193	14	90			
	01.70- 01.87 112848#	14	110/114			
	01.70- 01.87 110236	14	60			
D100 5.9	01.68- 01.69 110074	14	60			
	01.71- 01.87 112848#	14	110/114	01.71- 01.87 110222	12	1.3
	01.71- 01.87 110236	14	60	01.88- 01.88 111456	12	1.4
	01.88- 01.88 111192#	14	120			
D100 6.3	01.88- 01.88 111193	14	90			
	01.88- 01.88 113050#	14	90			
	01.70- 01.71 110236	14	60	01.68- 01.71 110222	12	1.3
D100 6.6	01.70- 01.71 112848#	14	110/114			
	01.68- 01.69 110074	14	60			
D100 7.2	01.71- 01.78 110236	14	60	01.71- 01.78 110222	12	1.3
	01.71- 01.78 112848#	14	110/114			
	01.73- 01.78 110236	14	60			
D100 Series 2.8	01.63- 01.65 110074	14	60	01.63- 01.65 110223	12	1.1
D100 Series 3.7	01.63- 01.67 110074	14	60	01.63- 01.67 110223	12	1.1
D100 Series 5.2	01.63- 01.67 110074	14	60	01.63- 01.67 110223	12	1.1
D100 Series 6.3	01.63- 01.67 110074	14	60	01.63- 01.67 110222	12	1.3
D150 3.7	01.78- 01.87 110236	14	60	01.78- 01.87 110223	12	1.1
	01.78- 01.87 112848#	14	110/114			
D150 3.9	01.91- 01.93 113054#	14	90	01.91- 01.93 111764	12	1.4
	01.91- 01.93 111194	14	120	01.88- 01.90 111456	12	1.4
D150 3.9 S	01.88- 01.90 113050#	14	90			
	01.88- 01.90 111193	14	90			
	01.88- 01.90 111192#	14	120			
D150 5.2	01.90- 01.91 111194	14	120	01.90- 01.91 111456	12	1.4
	01.90- 01.91 113054#	14	90			
	01.77- 01.87 112848#	14	110/114	01.91- 01.93 111764	12	1.4
	01.77- 01.87 110236	14	60	01.88- 01.90 111456	12	1.4
	01.91- 01.93 111194	14	120	01.77- 01.87 110223	12	1.1
D150 5.2 S	01.91- 01.93 113054#	14	90			
	01.88- 01.90 113050#	14	90			
	01.88- 01.90 111192#	14	120			
D150 5.9	01.88- 01.90 111193	14	90			
	01.90- 01.91 111194	14	120	01.90- 01.91 111456	12	1.4
D150 5.9	01.90- 01.91 113054#	14	90			
	01.77- 01.87 110236	14	60	01.91- 01.93 111764	12	1.4
	01.77- 01.87 112848#	14	110/114	01.88- 01.90 111456	12	1.4
	01.91- 01.93 113054#	14	90	01.77- 01.87 110222	12	1.3
	01.91- 01.93 111194	14	120			
D150 6.6	01.88- 01.90 111193	14	90			
	01.88- 01.90 113050#	14	90			
	01.88- 01.90 111192#	14	120			
D150 7.2	01.77- 01.78 112848#	14	110/114	01.77- 01.78 110222	12	1.3
	01.77- 01.78 110236	14	60			
D200 3.7	01.78- 01.78 110236	14	60	01.78- 01.78 110222	12	1.3
	01.78- 01.78 112848#	14	110/114			
D200 5.2	01.70- 01.80 110236	14	60	01.68- 01.80 110223	12	1.1
	01.70- 01.80 112848#	14	110/114			
	01.68- 01.69 110074	14	60			
D200 5.9	01.70- 01.80 110236	14	60	01.68- 01.80 110223	12	1.1
	01.71- 01.80 110074	14	60			
D200 6.3	01.71- 01.80 112848#	14	110/114	01.71- 01.80 110222	12	1.3
	01.70- 01.71 110236	14	60			
D200 6.6	01.70- 01.71 112848#	14	110/114	01.68- 01.71 110222	12	1.3
	01.68- 01.69 110074	14	60			
	01.71- 01.78 110236	14	60	01.71- 01.78 110222	12	1.3
D200 7.2	01.71- 01.78 112848#	14	110/114			
	01.73- 01.78 110236	14	60	01.73- 01.78 110222	12	1.3
	01.73- 01.78 112848#	14	110/114			
D200 Series 3.7	01.63- 01.67 110074	14	60	01.63- 01.67 110223	12	1.1
D200 Series 5.2	01.63- 01.67 110074	14	60	01.63- 01.67 110223	12	1.1
D200 Series 6.3	01.63- 01.67 110074	14	60	01.63- 01.67 110222	12	1.3
D250 3.7	01.81- 01.87 110236	14	60	01.81- 01.87 110223	12	1.1
	01.81- 01.87 112848#	14	110/114			
D250 3.9	01.91- 01.93 111194	14	120	01.91- 01.93 111764	12	1.4
	01.91- 01.93 113054#	14	90	01.88- 01.90 111456	12	1.4
D250 5.2	01.88- 01.90 113050#	14	90			
	01.88- 01.90 111192#	14	120			
D250 5.9	01.88- 01.90 111193	14	90			
	01.91- 01.93 111194	14	120	01.91- 01.93 111764	12	1.4
	01.91- 01.93 113054#	14	90	01.88- 01.90 111456	12	1.4
				01.81- 01.87 110223	12	1.1
	01.88- 01.90 111192#	14	120			
D250 5.9	01.88- 01.90 113050#	14	90			
	01.88- 01.90 111193	14	90			
	01.81- 01.87 110236	14	60			
	01.81- 01.87 112848#	14	110/114			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



D250 5.9 Turbo	01.91- 01.93	113061#	14	120		01.89- 01.93	113101	12	2.5
	01.89- 01.91	111192#	14	120					
D300 3.7	01.70- 01.78	110236	14	60		01.68- 01.78	110223	12	1.1
	01.70- 01.78	112848#	14	110/114					
	01.68- 01.69	110074	14	60					
D300 5.2	01.70- 01.80	110236	14	60		01.68- 01.80	110223	12	1.1
	01.70- 01.80	112848#	14	110/114					
	01.68- 01.69	110074	14	60					
D300 5.9	01.71- 01.80	110236	14	60		01.71- 01.80	110222	12	1.3
	01.71- 01.80	112848#	14	110/114					
D300 6.3	01.70- 01.71	112848#	14	110/114		01.68- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60					
	01.68- 01.69	110074	14	60					
D300 6.6	01.71- 01.78	110236	14	60		01.71- 01.78	110222	12	1.3
	01.71- 01.78	112848#	14	110/114					
D300 7.2	01.73- 01.78	110236	14	60		01.73- 01.78	110222	12	1.3
	01.73- 01.78	112848#	14	110/114					
D300 Series 3.7	01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D300 Series 5.2	01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D300 Series 6.3	01.63- 01.67	110074	14	60		01.63- 01.67	110222	12	1.3
D350 5.2	01.81- 01.83	110236	14	60		01.81- 01.83	110223	12	1.1
	01.81- 01.83	112848#	14	110/114					
D350 5.9	01.91- 01.93	111194	14	120		01.91- 01.93	111764	12	1.4
	01.91- 01.93	113054#	14	90		01.88- 01.90	111456	12	1.4
						01.81- 01.87	110222	12	1.3
	01.88- 01.90	113050#	14	90					
	01.88- 01.90	111193	14	90					
	01.88- 01.90	111192#	14	120					
	01.81- 01.87	110236	14	60					
	01.81- 01.87	112848#	14	110/114					
D350 5.9 Turbo	01.91- 01.93	113061#	14	120		01.89- 01.93	113101	12	2.5
	01.89- 01.91	111192#	14	120					
D400 5.9	01.78- 01.81	110236	14	60		01.78- 01.81	110222	12	1.3
	01.78- 01.81	112848#	14	110/114					
D400 7.2	01.78- 01.78	110236	14	60		01.78- 01.78	110222	12	1.3
	01.78- 01.78	112848#	14	110/114					
D450 5.9	01.78- 01.81	110236	14	60		01.78- 01.81	110222	12	1.3
D450 7.2	01.78- 01.81	112848#	14	110/114					
	01.78- 01.78	110236	14	60		01.78- 01.78	110222	12	1.3
D50 2.0	01.78- 01.78	112848#	14	110/114					
	01.79- 01.82	110805	14	50		01.81- 01.82	110311#	12	1.2
					01.79- 01.82	110158	12	1.2	
D50 2.6					01.79- 01.80	110291	12	1.2	
	01.79- 01.82	110805	14	50		01.79- 01.82	110158	12	1.2
					01.81- 01.82	110311#	12	1.2	
					01.79- 01.80	110291	12	1.2	
Dakota 2.2	01.90- 01.93	111194	14	120		01.87- 01.88	111425	12	1.4
	01.89-	111191#	14	90					
	01.88- 01.88	113052#	14	90					
	01.88- 01.88	111813#	14	90					
	01.87- 01.87	110514	14	78					
Dakota 2.5	01.99- 01.00	113363#	14	136		01.01- 01.01	113047#	12	1.4
	01.99- 01.00	113358	14	117		01.96- 01.98	112301	12	1.2
	01.97- 01.98	113063	14	90		01.89- 01.96	111425	12	1.4
	01.97- 01.98	113068#	14	120					
	01.91- 01.96	111193	14	90					
	01.91- 01.96	113058	14	120					
	01.90- 01.93	111194	14	120					
	01.89- 01.90	111813#	14	90					
	01.89- 01.90	113052#	14	90					
Dakota 2.5 AWD	10.89- 09.95	111191#	14	90	[EDM]				
Dakota 3.7	01.04-	113607	14	136					
Dakota 3.9	01.00- 01.03	113364	14	136		01.99- 01.03	113120	12	1.4
	01.02- 01.03	113564#	14	136		01.91- 01.95	111764	12	1.4
	01.99- 01.01	113359#	14	117		01.88- 01.90	111456	12	1.4
	01.96- 01.98	112833	14	90		01.87- 01.87	110223	12	1.1
	01.98- 01.98	113071	14	136					
	01.91- 01.95	111194	14	120					
	01.91- 01.95	113054#	14	90					
	01.88- 01.90	111193	14	90					
	01.88- 01.90	113050#	14	90					
	01.88- 01.90	111192#	14	120					
Dakota 3.9 AWD					[EHC]	01.96- 01.98	113116	12	1.4
						01.99- 09.03	113120	12	1.4
Dakota 3.9 SLT					[EHC]	01.96- 01.98	113116	12	1.4
						01.99- 09.03	113120	12	1.4
Dakota 3.9 Sport	01.91- 01.91	111194	14	120		01.91- 01.91	111764	12	1.4
	01.91- 01.91	113054#	14	90		01.88- 01.90	111456	12	1.4
	01.88- 01.90	113050#	14	90					
	01.88- 01.90	111192#	14	120					
	01.88- 01.90	111193	14	90					
Dakota 4.7	01.01- 01.03	113607	14	136					
	01.00- 01.01	113559	14	136					
	01.00- 01.01	113606#	14	115					
Dakota 5.2	01.99- 01.99	113359#	14	117		01.99- 01.99	113120	12	1.4
	01.96- 01.98	112833	14	90		01.90- 01.95	111764	12	1.4
	01.98- 01.98	113071	14	136					
	01.90- 01.95	111194	14	120					
	01.90- 01.95	113054#	14	90					
Dakota 5.2 Shelby	01.89-	111192#	14	120		01.99-	113120	12	1.4
	01.89-	113050#	14	90					
	01.89-								
	01.89-								
Dakota 5.2 Sport	01.89-	111193	14	90					
	01.91- 01.91	113054#	14	90		01.91- 01.91	111764	12	1.4
	01.91- 01.91	111194	14	120					



Application list

DODGE Continued

Dakota 5.2		01.95- 01.96	112833	14	90				
Dakota 5.9		01.00- 01.03	113364	14	136	01.99- 01.03	113120	12	1.4
		01.01- 01.03	113564#	14	136				
		01.99- 01.00	113359#	14	117				
		01.98- 01.98	112833	14	90				
		01.98- 01.98	113071	14	136				
Dart 2.8		01.61- 01.69	110074	14	60	01.61- 01.69	110223	12	1.1
Dart 2.8 270		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 2.8 Custom		01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 2.8 GT		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 2.8 Swinger		01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 3.2		01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Dart 3.2 Custom		01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Dart 3.2 Demon		01.71- 01.72	110236	14	60	01.71- 01.72	110223	12	1.1
Dart 3.2 Special		01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
Dart 3.2 Sport		01.73- 01.74	110236	14	60	01.73- 01.74	110223	12	1.1
Dart 3.2 Swinger		01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Dart 3.7		01.61- 01.69	110074	14	60	01.61- 01.76	110223	12	1.1
		01.70- 01.76	110236	14	60				
		01.70- 01.76	112848#	14	110/114				
Dart 3.7 270		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 3.7 Custom		01.70- 01.75	110236	14	60	01.69- 01.75	110223	12	1.1
		01.70- 01.75	112848#	14	110/114				
		01.69- 01.69	110074	14	60				
Dart 3.7 Demon		01.71- 01.72	112848#	14	110/114	01.71- 01.72	110223	12	1.1
		01.71- 01.72	110236	14	60				
Dart 3.7 GT		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 3.7 Special		01.71- 01.76	110236	14	60	01.71- 01.76	110223	12	1.1
		01.71- 01.76	112848#	14	110/114				
Dart 3.7 Special Edition		01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
		01.74- 01.75	112848#	14	110/114				
Dart 3.7 Sport		01.73- 01.76	110236	14	60	01.73- 01.76	110223	12	1.1
		01.73- 01.76	112848#	14	110/114				
Dart 3.7 Swinger		01.70- 01.76	110236	14	60	01.69- 01.76	110223	12	1.1
		01.70- 01.76	112848#	14	110/114				
		01.69- 01.69	110074	14	60				
Dart 4.5		01.64- 01.69	110074	14	60	01.64- 01.69	110223	12	1.1
Dart 4.5 270		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 4.5 Custom		01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 4.5 GT		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 4.5 GTS		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 4.5 Swinger		01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 5.2		01.61- 01.68	110074	14	60	01.61- 01.76	110223	12	1.1
		01.70- 01.76	110236	14	60				
		01.70- 01.76	112848#	14	110/114				
Dart 5.2 270		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.2 Custom		01.70- 01.75	110236	14	60	01.69- 01.75	110223	12	1.1
		01.70- 01.75	112848#	14	110/114				
		01.69- 01.69	110074	14	60				
Dart 5.2 Demon		01.71- 01.72	110236	14	60	01.71- 01.72	110223	12	1.1
		01.71- 01.72	112848#	14	110/114				
Dart 5.2 GT		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.2 GTS		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.2 Special		01.71- 01.76	110236	14	60	01.71- 01.76	110223	12	1.1
		01.71- 01.76	112848#	14	110/114				
Dart 5.2 Special Edition		01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
		01.74- 01.75	112848#	14	110/114				
Dart 5.2 Sport		01.73- 01.76	110236	14	60	01.73- 01.76	110223	12	1.1
		01.73- 01.76	112848#	14	110/114				
Dart 5.2 Swinger		01.70- 01.76	110236	14	60	01.69- 01.76	110223	12	1.1
		01.70- 01.76	112848#	14	110/114				
		01.69- 01.69	110074	14	60				
Dart 5.6		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.6 270		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.6 Demon 340		01.71- 01.72	110236	14	60	01.71- 01.72	110223	12	1.1
		01.71- 01.72	112848#	14	110/114				
Dart 5.6 GT		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.6 GTS		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.6 Sport 340		01.73- 01.73	112848#	14	110/114	01.73- 01.73	110223	12	1.1
		01.73- 01.73	110236	14	60				
Dart 5.6 Swinger		01.70- 01.71	110236	14	60	01.69- 01.71	110223	12	1.1
		01.70- 01.71	112848#	14	110/114				
		01.69- 01.69	110074	14	60				
Dart 5.9		01.61- 01.62	110074	14	60	01.76- 01.76	110222	12	1.3
		01.76- 01.76	110236	14	60				
		01.76- 01.76	112848#	14	110/114				
Dart 5.9 Sport 360		01.74- 01.75	112848#	14	110/114	01.74- 01.75	110222	12	1.3
		01.74- 01.75	110236	14	60				
Dart 5.9 Swinger		01.76- 01.76	110236	14	60	01.76- 01.76	110222	12	1.3
		01.76- 01.76	112848#	14	110/114				
Dart 6.3		01.62- 01.68	110074	14	60	01.66- 01.68	110222	12	1.3
Dart 6.3 270		01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3
Dart 6.3 GT		01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3
Dart 6.3 GTS		01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Dart 6.8		01.61- 01.61	110074	14	60				
Daytona 2.2		01.85- 01.89	111191#	14	90	01.84- 01.86	113095#	12	0.9
		01.84- 01.86	110513						
Daytona 2.2 Turbo		01.90- 01.93	111194	14	120	01.87- 01.90	111425	12	1.4
						01.84- 01.85	113095#	12	0.9
		01.90- 01.90	111193	14	90				
		01.90- 01.90	113058	14	120				
		01.89-	111192#	14	120				
		01.87- 01.89	111813#	14	90				
		01.88- 01.89	113052#	14	90				
		01.89- 01.89	113051	14	120				
		01.84- 01.87	110513						
Daytona 2.2 Turbo IROC R/T		01.92- 01.93	111193	14	90	01.92- 01.93	111425	12	1.4
		01.92- 01.93	113058	14	120				
Daytona 2.2 Turbo Pacifica		01.87- 01.88	111813#	14	90	01.87- 01.88	111425	12	1.4
		01.87- 01.88	110513						
Daytona 2.2 Turbo Shelby						01.89- 01.90	111425	12	1.4
		01.90- 01.90	111193	14	90				
		01.90- 01.90	113058	14	120				
		01.89- 01.89	111813#	14	90				
		01.89- 01.89	113051	14	120				
		01.89- 01.89	113052#	14	90				





Daytona 2.2 Turbo Shelby Z	01.87- 01.88	111813#	14	90	01.87- 01.88	111425	12	1.4
	01.87- 01.88	110513						
Daytona 2.2 Turbo Z	01.86- 01.86	111813#	14	90				
	01.86- 01.86	110513						
Daytona 2.5	01.90- 01.93	111194	14	120	01.86- 01.93	111425	12	1.4
	01.90- 01.93	113058	14	120				
	01.90- 01.93	111193	14	90				
	01.85- 01.89	111191#	14	90				
Daytona 2.5 ES	01.86- 01.89	111813#	14	90				
	01.89- 01.93	111425	12	1.4				
	01.92- 01.93	111193	14	90				
	01.92- 01.93	113058	14	120				
Daytona 2.5 Turbo	01.89- 01.91	111813#	14	90				
	01.89- 01.91	113051	14	120				
	01.89- 01.91	113052#	14	90				
	01.89- 01.91	111192#	14	120	01.89- 01.91	111425	12	1.4
Daytona 2.5 Turbo ES	01.89- 01.91	113052#	14	90				
	01.89- 01.91	113051	14	120				
	01.89- 01.90	113052#	14	90	01.89- 01.90	111425	12	1.4
	01.89- 01.90	111813#	14	90				
Daytona 2.5 Turbo Iroc	01.91- 01.92	111425	12	1.4				
	01.91- 01.92	113058	14	120				
	01.91- 01.92	111193	14	90				
Daytona 2.5 Turbo Shelby	01.89- 01.91	113052#	14	90	01.89- 01.91	111425	12	1.4
	01.89- 01.91	113051	14	120				
Daytona 3.0	01.89- 01.91	111813#	14	90				
	01.90- 01.93	111193	14	90	01.90- 01.93	111456	12	1.4
	01.91- 01.93	113056	14	90				
	01.91- 01.93	113060#	14	120				
Daytona 3.0 ES	01.90- 01.90	113055	14	90				
	01.90- 01.90	113059#	14	120				
	01.91- 01.93	113056	14	90	01.90- 01.93	111456	12	1.4
	01.91- 01.93	113060#	14	120				
Daytona 3.0 Iroc	01.90- 01.90	113055	14	90				
	01.90- 01.90	113059#	14	120				
Diplomat 3.7	01.92- 01.92	113056	14	90	01.92- 01.92	111456	12	1.4
	01.92- 01.92	113060#	14	120				
Diplomat 3.7 Medallion	01.78- 01.81	110236	14	60	01.78- 01.81	110223	12	1.1
	01.78- 01.81	112848#	14	110/114				
Diplomat 3.7 S	01.78- 01.83	110236	14	60	01.78- 01.83	110223	12	1.1
	01.78- 01.83	112848#	14	110/114				
Diplomat 3.7 SALON	01.78- 01.78	110236	14	60	01.78- 01.78	110223	12	1.1
	01.78- 01.78	112848#	14	110/114				
Diplomat 3.7 Sport	01.79- 01.83	110236	14	60	01.79- 01.83	110223	12	1.1
	01.79- 01.83	112848#	14	110/114				
Diplomat 5.2	01.81- 01.81	110236	14	60	01.81- 01.81	110223	12	1.1
	01.81- 01.81	112848#	14	110/114				
Diplomat 5.2 Medallion	01.77- 01.81	112848#	14	110/114	01.77- 01.81	110223	12	1.1
	01.77- 01.81	110236	14	60				
Diplomat 5.2 S	01.77- 01.83	110236	14	60	01.77- 01.83	110223	12	1.1
	01.77- 01.83	112848#	14	110/114				
Diplomat 5.2 SALON	01.78- 01.78	110236	14	60	01.78- 01.78	110223	12	1.1
	01.78- 01.78	112848#	14	110/114				
Diplomat 5.2 SE	01.88- 01.89	111456	12	1.4	01.88- 01.89	111456	12	1.4
	01.79- 01.87	110236	14	60	01.79- 01.87	110223	12	1.1
Diplomat 5.2 Sport	01.79- 01.87	112848#	14	110/114				
	01.81- 01.81	112848#	14	110/114	01.81- 01.81	110223	12	1.1
Diplomat 5.9	01.81- 01.81	110236	14	60				
	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Diplomat 5.9 Medallion	01.78- 01.79	112848#	14	110/114				
	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Diplomat 5.9 SALON	01.78- 01.79	112848#	14	110/114				
	01.79- 01.79	112848#	14	110/114	01.79- 01.79	110222	12	1.3
Durango 3.9	01.79- 01.79	110236	14	60				
	01.99- 01.99	113359#	14	117	01.98- 01.99	113116	12	1.4
Durango 4.7	01.99- 01.99	113364	14	136	01.99- 01.99	113120	12	1.4
	01.98- 01.98	112833	14	90				
	01.98- 01.98	113071	14	136				
	01.00- 01.01	113606#	14	115				
Durango 5.2	01.00- 01.01	113559	14	136				
	01.99- 01.00	113359#	14	117	01.98- 01.00	113116	12	1.4
	01.00- 01.00	113364	14	136	01.99- 01.00	113120	12	1.4
	01.98- 01.98	112833	14	90				
Durango 5.9	01.98- 01.98	113071	14	136				
	01.00- 01.02	113364	14	136	01.98- 01.02	113116	12	1.4
	01.99- 01.00	113359#	14	117	01.99- 01.02	113120	12	1.4
	01.98- 01.98	112833	14	90				
Dynasty 2.5	01.98- 01.98	113071	14	136				
	01.90- 01.93	111194	14	120	01.88- 01.93	111425	12	1.4
	01.92- 01.93	113058	14	120				
	01.92- 01.93	111193	14	90				
Dynasty 2.5 LE	01.88- 01.89	111191#	14	90				
	01.89- 01.89	111192#	14	120				
	01.88- 01.91	111813#	14	90				
	01.88- 01.91	113052#	14	90				
Dynasty 2.5 LE	01.88- 01.90	111813#	14	90	01.88- 01.90	111425	12	1.4
	01.88- 01.90	113052#	14	90				



DODGE Continued

Application list

Dynasty 3.0		01.91- 01.93	113056	14	90	01.88- 01.93	111456	12	1.4
		01.91- 01.93	113060#	14	120				
		01.90-	111193	14	90				
		01.90- 01.90	113055	14	90				
		01.90- 01.90	113059#	14	120				
		01.88- 01.89	111191#	14	90				
Dynasty 3.0 LE		01.91- 01.93	113056	14	90	01.88- 01.93	111456	12	1.4
		01.91- 01.93	113060#	14	120				
		01.90- 01.90	113059#	14	120				
		01.90- 01.90	113055	14	90				
		01.88- 01.89	111191#	14	90				
Dynasty 3.3		01.90- 01.93	113056	14	90	01.90- 01.93	111492	12	1.4
		01.90- 01.93	113060#	14	120				
Dynasty 3.3 LE		01.90- 01.93	113060#	14	120	01.90- 01.93	111492	12	1.4
		01.90- 01.93	113056	14	90				
Grand 2.4						01.96- 01.97	113241#	12	1.2
Grand 2.4 SE						01.96- 01.97	113241#	12	1.2
Grand 2.5 SE		01.88- 01.89	113052#	14	90	01.88- 01.89	111425	12	1.4
		01.88- 01.89	111813#	14	90				
Grand 3.0		01.94- 01.95	113056	14	90	01.94- 01.95	111456	12	1.4
		01.94- 01.95	113060#	14	120				
Grand 3.0 LE		01.92- 01.92	113060#	14	120	01.88- 01.92	111456	12	1.4
		01.92- 01.92	113056	14	90				
		01.88- 01.89	111191#	14	90				
Grand 3.0 SE		01.92- 01.95	113056	14	90	01.88- 01.95	111456	12	1.4
		01.92- 01.95	113060#	14	120				
		01.88- 01.89	111191#	14	90				
Grand 3.3						01.97- 01.00	111492	12	1.4
Grand 3.3 ES		01.94- 01.97	113056	14	90	01.94- 01.97	111492	12	1.4
		01.94- 01.97	113060#	14	120				
Grand 3.3 LE		01.90- 01.95	113056	14	90	01.90- 01.97	111492	12	1.4
		01.90- 01.95	113060#	14	120				
Grand 3.3 SE		01.90- 01.95	113056	14	90	01.90- 01.97	111492	12	1.4
		01.90- 01.95	113060#	14	120				
Grand 3.3 SE						01.96- 01.96	111492	12	1.4
Grand 3.3	[EGM]					01.99- 01.00	111492	12	1.4
						01.98- 01.98	111492	12	1.4
						01.98- 01.00	111492	12	1.4
Grand 3.8						01.94- 01.97	111492	12	1.4
Grand 3.8 ES		01.94- 01.97	113056	14	90	01.94- 01.97	111492	12	1.4
		01.94- 01.97	113060#	14	120				
Grand 3.8 LE		01.94- 01.97	113056	14	90	01.94- 01.97	111492	12	1.4
		01.94- 01.97	113060#	14	120				
Grand 3.8 SE						01.97- 01.97	111492	12	1.4
Grand Caravan 2.8 CRD						01.08-	113977	12	2.2
Intrepid 2.7	[EER]	01.98- 01.01	113365	14	120	01.98- 01.01	112154#	12	
Intrepid 2.7 ES		01.00- 01.01	113365	14	120				
Intrepid 2.7 SE	[EER]	01.02- 01.02	113365	14	120				
		01.03- 01.03	113365	14	120				
Intrepid 3.2	[EGW]	01.98- 01.01	113027	14	130	01.98- 01.01	113242	12	1.4
Intrepid 3.3		01.93- 01.97	113066#	14	90	01.93- 01.97	113105#	12	1.2
Intrepid 3.3 ES		01.93- 01.95	113066#	14	90	01.93- 01.95	113105#	12	1.2
Intrepid 3.3		01.94- 01.95	113066#	14	90	01.94- 01.95	113105#	12	1.2
Intrepid 3.3 ES		01.94- 01.94	113066#	14	90	01.94- 01.94	113105#	12	1.2
Intrepid 3.5		01.00- 01.01	113027	14	130	01.00- 01.01	113242	12	1.4
		01.93- 01.97	113066#	14	90	01.93- 01.97	112845	12	1.4
Intrepid 3.5 ES		01.02- 01.03	113027	14	130	01.02- 01.03	113242	12	1.4
		01.93- 01.97	113066#	14	90	01.93- 01.97	112845	12	1.4
Intrepid 3.5 Police		01.04-	113027	14	130				
Intrepid 3.5 R/T		01.00- 01.02	113027	14	130	01.00- 01.02	113242	12	1.4
Intrepid 3.5 SXT		01.03- 01.03	113027	14	130				
Lancer 2.2		01.85- 01.89	111191#	14	90	01.85- 01.89	113095#	12	0.9
			111192#	14	120				
		01.85- 01.89	110513						
		01.85- 01.89	111813#	14	90				
Lancer 2.2 ES		01.85- 01.87	110513			01.85- 01.87	113095#	12	0.9
		01.85- 01.87	111813#	14	90				
Lancer 2.2 Turbo		01.85- 01.88	111813#	14	90	01.85- 01.88	113095#	12	0.9
		01.85- 01.88	110513						
Lancer 2.2 Turbo ES		01.85- 01.88	111813#	14	90	01.88- 01.88	111425	12	1.4
		01.88- 01.88	113052#	14	90	01.85- 01.88	113095#	12	0.9
		01.85- 01.88	110513						
Lancer 2.2 Turbo Shelby		01.89- 01.89	113051	14	120	01.89- 01.89	111425	12	1.4
		01.89- 01.89	111813#	14	90				
		01.89- 01.89	113052#	14	90				
Lancer 2.5		01.85- 01.89	111191#	14	90	01.86- 01.89	111425	12	1.4
		01.89-	111192#	14	120				
		01.86- 01.89	111813#	14	90				
Lancer 2.5 ES		01.86- 01.89	111813#	14	90	01.86- 01.89	111425	12	1.4
Lancer 2.5 Turbo						01.89- 01.89	111425	12	1.4
		01.89- 01.89	111813#	14	90				
		01.89- 01.89	113051	14	120				
		01.89- 01.89	113052#	14	90	01.89- 01.89	111425	12	1.4
		01.89- 01.89	111813#	14	120				
		01.89- 01.89	113051	14	120				
		01.89- 01.89	113052#	14	90				
Lancer 2.5 Turbo Shelby		01.89- 01.89	113052#	14	90	01.89- 01.89	111425	12	1.4
		01.89- 01.89	113051	14	120				
		01.89- 01.89	111813#	14	90				
Lancer 2.8		01.62- 01.62	110074	14	60				
Lancer 3.7		01.61- 01.62	110074	14	60				
Lancer 6.8		01.61- 01.62	110074	14	60				
M300 5.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
		01.74- 01.74	112848#	14	110/114				
M300 7.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
		01.74- 01.74	112848#	14	110/114				
M350 5.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
		01.74- 01.74	112848#	14	110/114				
M350 7.2		01.74- 01.74	112848#	14	110/114	01.74- 01.74	110222	12	1.3
		01.74- 01.74	110236	14	60				



Magnum 5.2 XE		01.78- 01.79 110236	14	60	01.78- 01.79 110223	12	1.1
		01.78- 01.79 112848#	14	110/114			
Magnum 5.9 XE		01.78- 01.79 110236	14	60	01.78- 01.79 110222	12	1.3
		01.78- 01.79 112848#	14	110/114			
Magnum 6.6 XE		01.78- 01.78 110236	14	60	01.78- 01.78 110222	12	1.3
		01.78- 01.78 112848#	14	110/114			
Mini Ram 2.2		01.85- 01.88 111191#	14	90	01.84- 01.87 113095#	12	0.9
		01.84- 01.87 110513					
Mini Ram 2.5		01.85- 01.88 111191#	14	90	01.87- 01.88 111425	12	1.4
		01.87- 01.88 111813#	14	90			
Mini Ram 2.6		01.84- 01.87 113028#	14	75	01.84- 01.87 110290#	12	1.0
Mini Ram 3.0					01.87- 01.88 111456	12	1.4
Mirada 3.7		01.80- 01.83 110236	14	60	01.80- 01.83 110223	12	1.1
		01.80- 01.83 112848#	14	110/114			
Mirada 5.2		01.80- 01.83 110236	14	60	01.80- 01.83 110223	12	1.1
		01.80- 01.83 112848#	14	110/114			
Mirada 5.9		01.80- 01.80 112848#	14	110/114	01.80- 01.80 110222	12	1.3
		01.80- 01.80 110236	14	60			
Monaco 3.0 ES	[Z7X-711]	01.90- 01.92 112449#	14	105			
	[Z7X-715]	01.90- 01.92 112447	14	105	01.90- 01.92 113043#	12	1.7
Monaco 3.0 LE	[Z7X-711]	01.90- 01.92 112449#	14	105			
	[Z7X-715]	01.90- 01.92 112447	14	105	01.90- 01.92 113043#	12	1.7
Monaco 3.7		01.77- 01.78 110236	14	60	01.77- 01.78 110223	12	1.1
		01.77- 01.78 112848#	14	110/114			
Monaco 3.7 Brougham		01.77- 01.78 110236	14	60	01.77- 01.78 110223	12	1.1
		01.77- 01.78 112848#	14	110/114			
Monaco 5.2		01.70- 01.78 110236	14	60	01.68- 01.78 110223	12	1.1
		01.70- 01.78 112848#	14	110/114			
Monaco 5.2 500		01.68- 01.68 110074	14	60	01.68- 01.68 110223	12	1.1
Monaco 5.2 Brougham		01.77- 01.78 110236	14	60	01.77- 01.78 110223	12	1.1
		01.77- 01.78 112848#	14	110/114			
Monaco 5.9		01.71- 01.78 110236	14	60	01.71- 01.78 110222	12	1.3
		01.71- 01.78 112848#	14	110/114			
Monaco 5.9 Brougham		01.74- 01.78 110236	14	60	01.74- 01.78 110222	12	1.3
		01.74- 01.78 112848#	14	110/114			
Monaco 5.9 Crestwood		01.77- 01.78 110236	14	60	01.77- 01.78 110222	12	1.3
		01.77- 01.78 112848#	14	110/114			
Monaco 5.9 Custom		01.74- 01.74 112848#	14	110/114	01.74- 01.74 110222	12	1.3
		01.74- 01.74 110236	14	60			
Monaco 6.3		01.70- 01.71 110236	14	60	01.66- 01.71 110223	12	1.1
		01.70- 01.71 112848#	14	110/114			
Monaco 6.3 500		01.65- 01.69 110074	14	60			
Monaco 6.6		01.68- 01.68 110074	14	60	01.68- 01.68 110223	12	1.1
		01.72- 01.78 110236	14	60	01.72- 01.78 110222	12	1.3
		01.72- 01.78 112848#	14	110/114			
Monaco 6.6 Brougham		01.74- 01.78 110236	14	60	01.74- 01.78 110222	12	1.3
		01.74- 01.78 112848#	14	110/114			
Monaco 6.6 Crestwood		01.77- 01.78 112848#	14	110/114	01.77- 01.78 110222	12	1.3
		01.77- 01.78 110236	14	60			
Monaco 6.6 Custom		01.74- 01.74 110236	14	60	01.74- 01.74 110222	12	1.3
		01.74- 01.74 112848#	14	110/114			
Monaco 6.8		01.65- 01.65 110074	14	60			
Monaco 7.0		01.65- 01.66 110074	14	60			
Monaco 7.2		01.66- 01.69 110074	14	60	01.66- 01.78 110222	12	1.3
		01.70- 01.78 112848#	14	110/114			
		01.70- 01.78 110236	14	60			
Monaco 7.2 500		01.68- 01.68 110074	14	60	01.68- 01.68 110222	12	1.3
Monaco 7.2 Brougham		01.74- 01.78 110236	14	60	01.74- 01.78 110222	12	1.3
		01.74- 01.78 112848#	14	110/114			
Monaco 7.2 Custom		01.74- 01.74 110236	14	60	01.74- 01.74 110222	12	1.3
		01.74- 01.74 112848#	14	110/114			
Neon 2.0	[ECB]	01.95- 01.97 111530	14	90	01.95- 01.97 111396	12	1.2
	[ECC]	01.97- 01.97 111530	14	90	01.98- 01.98 113587	12	1.1
		01.96- 01.96 111530	14	90	01.98- 01.98 113587	12	1.1
					01.00- 01.01 113613	12	1.1
					01.99- 01.99 113587	12	1.1
Neon 2.0 Highline	[ECB]	01.95- 01.97 111530	14	90	01.95- 01.97 111396	12	1.2
	[ECC]	01.97- 01.97 111530	14	90			
		01.95- 01.96 111530	14	90	01.95- 01.96 111396	12	1.2
Neon 2.0 R/T					01.01- 01.01 113613	12	1.1
Neon 2.0 SE					01.02- 01.03 113613	12	1.1
Neon 2.0 Sport	[ECB]	01.95- 01.96 111530	14	90	01.95- 01.96 111396	12	1.2
	[ECC]	01.95- 01.97 111530	14	90	01.95- 01.97 111396	12	1.2
		01.97- 01.97 111530	14	90			
Neon 2.0 SXT					01.03- 01.03 113613	12	1.1
Omni 1.6					01.83- 01.86 113039	12	0.9
Omni 1.6 Custom					01.83- 01.83 113039	12	0.9
Omni 1.6 SE					01.84- 01.86 113039	12	0.9
Omni 1.7		01.83- 01.83 110514	14	78			
Omni 1.7 024		01.80- 01.82 110514	14	78			
Omni 1.7 024 Miser		01.81- 01.82 110514	14	78			
Omni 1.7 Custom		01.83- 01.83 110514	14	78			
Omni 1.7 E-Type		01.82- 01.82 110514	14	78			
Omni 1.7 Miser		01.81- 01.82 110514	14	78			
Omni 2.2		01.84- 01.88 110513			01.81- 01.86 113095#	12	0.9
					01.87- 01.90 111425	12	1.4
		01.86- 01.90 111813#	14	90			
		01.81- 01.85 110514	14	78			
		01.85- 01.89 111191#	14	90			
		01.87- 01.90 113052#	14	90			
		01.89- 01.89 111192#	14	120			
		01.90- 01.93 111194	14	120			
		01.88- 01.90 113051	14	120			
Omni 2.2 024		01.81- 01.82 110514	14	78	01.81- 01.82 113095#	12	0.9
Omni 2.2 024 Miser		01.81- 01.82 110514	14	78	01.81- 01.82 113095#	12	0.9
Omni 2.2 Custom		01.83- 01.83 110514	14	78	01.83- 01.83 113095#	12	0.9
Omni 2.2 E-Type		01.82- 01.82 110514	14	78	01.82- 01.82 113095#	12	0.9
Omni 2.2 Miser		01.81- 01.82 110514	14	78	01.81- 01.82 113095#	12	0.9
Omni 2.2 SE		01.84- 01.86 110513			01.84- 01.86 113095#	12	0.9
Omni 2.2 Turbo		01.85- 01.86 111813#	14	90	01.85- 01.86 113095#	12	0.9
		01.85- 01.86 110513					
P200 3.7		01.70- 01.72 110236	14	60	01.70- 01.72 110222	12	1.3
		01.70- 01.72 112848#	14	110/114			
P200 5.9		01.70- 01.72 110236	14	60	01.70- 01.72 110222	12	1.3
		01.70- 01.72 112848#	14	110/114			
P300 3.7		01.70- 01.72 112848#	14	110/114	01.70- 01.72 110222	12	1.3
		01.70- 01.72 110236	14	60			
P300 5.9		01.71- 01.72 110236	14	60	01.71- 01.72 110222	12	1.3
		01.71- 01.72 112848#	14	110/114			
Polara 2.8		01.63- 01.64 110074	14	60			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

DODGE Continued

Polara 3.7	01.70- 01.71	112848#	14	110/114	01.63- 01.71	110223	12	1.1
	01.70- 01.71	110236	14	60				
	01.63- 01.64	110074	14	60				
Polara 3.7 Custom	01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
Polara 4.5	01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
Polara 5.2	01.62- 01.69	110074	14	60	01.62- 01.73	110223	12	1.1
	01.70- 01.73	110236	14	60				
	01.70- 01.73	112848#	14	110/114				
Polara 5.2 500	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Polara 5.2 Custom	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
	01.70- 01.73	112848#	14	110/114				
Polara 5.9	01.71- 01.73	112848#	14	110/114	01.71- 01.73	110222	12	1.3
	01.71- 01.73	110236	14	60	01.62- 01.64	110223	12	1.1
	01.62- 01.64	110074	14	60				
Polara 5.9 Custom	01.71- 01.73	110236	14	60	01.71- 01.73	110222	12	1.3
	01.71- 01.73	112848#	14	110/114				
Polara 6.3	01.62- 01.69	110074	14	60	01.66- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
	01.70- 01.71	112848#	14	110/114				
Polara 6.3 500	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Polara 6.3 Brougham	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Polara 6.3 Custom	01.70- 01.71	112848#	14	110/114	01.70- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
Polara 6.6	01.72- 01.73	112848#	14	110/114	01.72- 01.73	110222	12	1.3
	01.72- 01.73	110236	14	60				
Polara 6.6 Custom	01.72- 01.73	110236	14	60	01.72- 01.73	110222	12	1.3
	01.72- 01.73	112848#	14	110/114				
Polara 6.8	01.62- 01.65	110074	14	60				
Polara 7.0	01.64- 01.67	110074	14	60				
Polara 7.2	01.66- 01.69	110074	14	60	01.66- 01.73	110222	12	1.3
	01.70- 01.73	110236	14	60				
	01.70- 01.73	112848#	14	110/114				
Polara 7.2 500	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Polara 7.2 Brougham	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Polara 7.2 Custom	01.70- 01.73	110236	14	60	01.70- 01.73	110222	12	1.3
	01.70- 01.73	112848#	14	110/114				
Power Ram 2.0 50					01.83- 01.84	110158	12	1.2
					01.83- 01.84	110311#	12	1.2
Power Ram 2.3 Turbo 50	01.83-	110811						
Power Ram 2.6 50	01.83- 01.86	110805	14	50	01.85- 01.86	110315	12	0.9
					01.83- 01.84	110158	12	1.2
					01.83- 01.84	110311#	12	1.2
Raider 2.6	01.87- 01.89	113032#	14	50	01.87- 01.89	110811	12	1.2
Raider 3.0	01.89- 01.89	110956#	14	75	01.89- 01.89	111241	12	1.2
Ram 2.0 50	01.87- 01.89	111469#	14	45	01.87- 01.89	110811	12	1.2
					01.87- 01.89	110158	12	1.2
Ram 2.0 50 Custom					01.83- 01.86	110158	12	1.2
					01.83- 01.86	110311#	12	1.2
Ram 2.0 50 Royal					01.84- 01.84	110158	12	1.2
					01.84- 01.84	110311#	12	1.2
Ram 2.3 Turbo 50 Royal					01.83- 01.85	110811	12	1.2
					01.84- 01.85	111461	12	2.2
					01.83- 01.83	110809	12	2.0
Ram 2.3 Turbo 50 Sport					01.84- 01.84	111461	12	2.2
					01.83- 01.84	110811	12	1.2
					01.83- 01.83	110809	12	2.0
Ram 2.4 50	01.90- 01.93	111469#	14	45	01.90- 01.93	110811	12	1.2
					01.90- 01.93	110158	12	1.2
Ram 2.4 50 SE	01.90- 01.93	111469#	14	45	01.90- 01.93	110811	12	1.2
					01.90- 01.93	110158	12	1.2
Ram 2.6 50					01.87- 01.89	110811	12	1.2
	01.87- 01.89	113032#	14	50	01.87- 01.89	110158	12	1.2
	01.85-	110805	14	50				
Ram 2.6 50 Custom					01.84- 01.86	110311#	12	1.2
	01.87- 01.89	113032#	14	50	01.87- 01.89	110811	12	1.2
	01.84- 01.86	110805	14	50	01.84- 01.89	110158	12	1.2
Ram 2.6 50 Royal	01.83- 01.86	110805	14	50	01.83- 01.86	110158	12	1.2
					01.83- 01.86	110311#	12	1.2
Ram 2.6 50 Sport	01.87- 01.89	113032#	14	50	01.87- 01.89	110811	12	1.2
					01.83- 01.89	110158	12	1.2
	01.83- 01.84	110805	14	50	01.83- 01.84	110311#	12	1.2
Ram 3.0 50	01.90- 01.91	110956#	14	75	01.90- 01.91	111241	12	1.2
Ram 3.0 50 SE	01.91-	110956#	14	75				
Ram 3.9 1500	01.99- 01.00	113364	14	136	01.99- 01.01	113120	12	1.4
	01.99- 01.01	113568#	14	136	01.96- 01.98	113116	12	1.4
	01.97- 01.98	113071	14	136	01.94- 01.96	111764	12	1.4
	01.94- 01.98	112833	14	90				
	01.02-	113564#	14	136				
Ram 5.2 1500	01.99- 01.00	113359#	14	117	01.99- 01.01	113120	12	1.4
	01.99- 01.00	113364	14	136	01.96- 01.98	113116	12	1.4
	01.99- 01.01	113568#	14	136	01.94- 01.96	111764	12	1.4
	01.94- 01.98	112833	14	90				
	01.97- 01.98	113071	14	136				
	01.02-	113564#	14	136				
Ram 5.2 2500	01.94- 01.98	112833	14	90	01.96- 01.98	113116	12	1.4
	01.97- 01.98	113071	14	136	01.99- 01.01	113120	12	1.4
	01.02-	113564#	14	136	01.94- 01.96	111764	12	1.4
	01.99- 01.00	113364	14	136				
Ram 5.2 3500	01.99- 01.00	113364	14	136	01.99- 01.01	113120	12	1.4
	01.02-	113564#	14	136				
Ram 5.2 1500	01.95- 01.97	112833	14	90	01.96- 01.97	113116	12	1.4
	01.97- 01.97	113071	14	136	01.95- 01.96	111764	12	1.4
	01.02-	113564#	14	136				
Ram 5.2 2500	01.99- 01.00	113364	14	136	01.99- 01.01	113120	12	1.4
	01.99- 01.00	113364	14	136	01.96- 01.96	113116	12	1.4
	01.95- 01.96	112833	14	90	01.95- 01.96	111764	12	1.4
Ram 5.2 3500	01.99- 01.00	113364	14	136	01.99- 01.01	113120	12	1.4
	01.02-	113564#	14	136				
Ram 5.9 1500	01.99- 01.01	113362	14	136	01.99- 01.03	113120	12	1.4
	01.99- 01.00	113364	14	136	01.96- 01.98	113116	12	1.4
	01.99- 01.01	113568#	14	136	01.94- 01.96	111764	12	1.4
	01.94- 01.98	112833	14	90				
	01.97- 01.98	113071	14	136				
	01.02- 01.02	113564#	14	136				



Ram 5.9 2500	01.99- 01.01	113362	14	136	01.99- 01.02	113120	12	1.4
	01.99- 01.00	113364	14	136	01.96- 01.98	113116	12	1.4
	01.99- 01.01	113568#	14	136	01.94- 01.96	111764	12	1.4
	01.94- 01.98	112833	14	90				
	01.97- 01.98	113071	14	136				
	01.02- 01.02	113564#	14	136				
Ram 5.9 3500	01.94- 01.98	112833	14	90	01.96- 01.98	113116	12	1.4
	01.96- 01.98	113071	14	136	01.94- 01.96	111764	12	1.4
					01.99- 01.02	113120	12	1.4
	01.99- 01.00	113364	14	136				
	01.99- 01.01	113362	14	136				
	01.99- 01.00	113359#	14	117				
Ram 5.9 3500 Quad Cab	01.99- 01.01	113568#	14	136				
	01.02- 01.02	113564#	14	136				
	01.98- 01.98	112833	14	90	01.98- 01.98	113116	12	1.4
	01.98- 01.98	113071	14	136				
	01.94- 01.98	113061#	14	120	01.94- 01.01	113114	12	2.7
					01.96- 01.98	113116	12	1.4
Ram 5.9 Turbo 2500				01.99- 01.03	113120	12	1.4	
				01.98- 01.98	113116	12	1.4	
				01.98- 01.01	113114	12	2.7	
Ram 5.9 Turbo 2500 Quad Cab				01.01- 01.01	113120	12	1.4	
				01.97- 01.01	113114	12	2.7	
				01.96- 01.98	113116	12	1.4	
Ram 5.9 Turbo 3500				01.99- 01.03	113120	12	1.4	
				01.98- 01.01	113114	12	2.7	
				01.98- 01.98	113116	12	1.4	
Ram 5.9 Turbo 3500 Quad Cab				01.01- 01.01	113120	12	1.4	
				01.98- 01.01	113114	12	2.7	
				01.98- 01.98	113116	12	1.4	
Ram 8.0 2500	01.99- 01.00	113359#	14	117	01.99- 01.01	113619#	12	1.4
	01.99- 01.01	113568#	14	136	01.97- 01.98	113240#	12	1.4
	01.97- 01.98	112833	14	90				
	01.97- 01.98	113071	14	136				
Ram 8.0 3500	01.02- 01.03	113808	14	135	01.97- 01.98	113240#	12	1.4
	01.97- 01.98	112833	14	90	01.99- 01.01	113619#	12	1.4
	01.97- 01.98	113071	14	136				
	01.99- 01.00	113359#	14	117				
	01.99- 01.01	113568#	14	136				
Ram 2500 3.9					01.01- 01.01	113120	12	1.4
Ram 2500 5.2					01.99- 01.01	113120	12	1.4
Ram 2500 5.9					01.96- 01.98	113116	12	1.4
Ram 2500 5.9 Turbo					01.02- 01.03	113120	12	1.4
Ram 3500 5.2					01.99- 01.01	113120	12	1.4
Ram 3500 5.9					01.96- 01.98	113116	12	1.4
Ram 3500 5.9 Turbo					01.02- 01.03	113120	12	1.4
Ramcharger 3.7	01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
Ramcharger 5.2	01.74- 01.80	112848#	14	110/114				
	01.74- 01.87	110236	14	60	01.91- 01.93	111764	12	1.4
	01.74- 01.87	112848#	14	110/114	01.88- 01.90	111456	12	1.4
	01.88- 01.90	111192#	14	120	01.74- 01.87	110223	12	1.1
Ramcharger 5.9	01.91- 01.93	111194	14	120				
	01.91- 01.93	113054#	14	90				
	01.88- 01.90	111193	14	90				
	01.88- 01.90	113050#	14	90				
	01.74- 01.87	110236	14	60	01.91- 01.93	111764	12	1.4
Ramcharger 6.6	01.74- 01.87	112848#	14	110/114	01.88- 01.90	111456	12	1.4
					01.74- 01.87	110222	12	1.3
	01.88- 01.90	113050#	14	90				
	01.88- 01.90	111193	14	90				
	01.88- 01.90	111192#	14	120				
	01.91- 01.93	111194	14	120				
Ramcharger 7.2	01.91- 01.93	113054#	14	90				
	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
Rampage 2.2	01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
	01.82- 01.84	110514	14	78	01.82- 01.84	113095#	12	0.9
	01.84- 01.84	110513	14	78	01.84- 01.84	113095#	12	0.9
RD200 5.2	01.78- 01.80	112848#	14	110/114	01.78- 01.80	110223	12	1.1
	01.78- 01.80	110236	14	60				
	01.78- 01.80	110236	14	60	01.78- 01.80	110222	12	1.3
RD200 5.9	01.78- 01.80	110236	14	60				
	01.78- 01.80	112848#	14	110/114				
	01.84- 01.87	110513	14	75	01.84- 01.87	113095#	12	0.9
Royal Mini Ram 2.2	01.84- 01.87	110513	14	75	01.84- 01.87	111022#	12	1.4
					01.84- 01.87	110290#	12	1.0
					01.87- 01.87	111456	12	1.4
Royal Monaco 3.0	01.75- 01.77	112848#	14	110/114	01.75- 01.77	110223	12	1.1
	01.75- 01.77	110236	14	60				
	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 5.2	01.75- 01.77	112848#	14	110/114				
	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Royal Monaco 5.9	01.75- 01.77	112848#	14	110/114				
	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Royal Monaco 5.9 Brougham	01.75- 01.77	112848#	14	110/114				
	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Royal Monaco 6.6	01.75- 01.77	112848#	14	110/114				
	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Royal Monaco 6.6 Brougham	01.75- 01.77	112848#	14	110/114				
	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Royal Monaco 7.2	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	112848#	14	110/114				
	01.75- 01.77	112848#	14	110/114	01.75- 01.77	110222	12	1.3
Royal Monaco 7.2 Brougham	01.75- 01.77	110236	14	60				
	01.75- 01.77	112848#	14	110/114	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Shadow 2.2	01.90- 01.93	111194	14	120	01.87- 01.94	111425	12	1.4
	01.90- 01.94	113058	14	120				
	01.90- 01.94	111193	14	90				
	01.87- 01.89	111191#	14	90				
	01.89- 01.89	111192#	14	120				
Shadow 2.2 America	01.87- 01.89	110513	14	90				
	01.87- 01.89	111813#	14	90				
	01.90- 01.93	111194	14	120	01.91- 01.92	111425	12	1.4
	01.91- 01.92	111193	14	90				
	01.91- 01.92	113058	14	120				



Application list

DODGE Continued

Shadow 2.2 Turbo	01.90- 01.93	111194	14	120	01.87- 01.90	111425	12	1.4
	01.90- 01.90	113058	14	120				
	01.90- 01.90	111193	14	90				
	01.87- 01.88	111813#	14	90				
	01.87- 01.88	110513						
Shadow 2.2 Turbo Shelby					01.89- 01.89	111425	12	1.4
	01.89- 01.89	111813#	14	90				
	01.89- 01.89	113051	14	120				
	01.89- 01.89	113052#	14	90				
Shadow 2.5	01.90- 01.93	111194	14	120	01.88- 01.94	111425	12	1.4
	01.92- 01.94	111193	14	90				
	01.92- 01.94	113058	14	120				
	01.87- 01.89	111191#	14	90				
	01.89-	111192#	14	120				
	01.88- 01.91	111813#	14	90				
Shadow 2.5 America	01.92- 01.92	111193	14	90	01.92- 01.92	111425	12	1.4
	01.92- 01.92	113058	14	120				
Shadow 2.5 ES	01.91- 01.94	111193	14	90	01.91- 01.94	111425	12	1.4
	01.91- 01.94	113058	14	120				
Shadow 2.5 Turbo	01.92- 01.92	111193	14	90	01.89- 01.92	111425	12	1.4
	01.92- 01.92	113058	14	120				
	01.89- 01.91	111813#	14	90				
	01.89- 01.91	113051	14	120				
	01.89- 01.91	113052#	14	90				
Shadow 2.5 Turbo ES	01.91- 01.92	111193	14	90	01.91- 01.92	111425	12	1.4
	01.91- 01.92	113058	14	120				
Shadow 3.0	01.93-	113056	14	90	01.93-	111456	12	1.4
	01.93-	113060#	14	120				
Shadow 3.0 ES	01.92- 01.94	113060#	14	120	01.92- 01.94	111456	12	1.4
	01.92- 01.94	113056	14	90				
Spirit 2.2 Turbo R/T	01.91- 01.92	112194	14	120	01.91- 01.92	111425	12	1.4
	01.91- 01.92	111193	14	90				
	01.91- 01.92	113058	14	120				
Spirit 2.5					01.89- 01.95	111425	12	1.4
	01.92- 01.95	111193	14	90				
	01.92- 01.95	113058	14	120				
	01.89- 01.91	111813#	14	90				
	01.89- 01.91	113051	14	120				
Spirit 2.5 ES	01.89- 01.91	113052#	14	90				
	01.93- 01.93	111193	14	90	01.93- 01.93	111425	12	1.4
	01.93- 01.93	113058	14	120				
Spirit 2.5 LE	01.92- 01.92	113058	14	120	01.89- 01.92	111425	12	1.4
	01.92- 01.92	111193	14	90				
	01.89- 01.91	113052#	14	90				
	01.89- 01.91	113051	14	120				
	01.89- 01.91	111813#	14	90				
Spirit 2.5 Turbo	01.89- 01.91	113051	14	120	01.89- 01.91	111425	12	1.4
	01.89- 01.91	113052#	14	90				
	01.89- 01.91	111813#	14	90				
Spirit 2.5 Turbo ES	01.92- 01.92	113058	14	120	01.89- 01.92	111425	12	1.4
	01.92- 01.92	111193	14	90				
	01.89- 01.91	113051	14	120				
	01.89- 01.91	111813#	14	90				
	01.89- 01.91	113052#	14	90				
Spirit 2.5 Turbo LE	01.92- 01.92	111193	14	90	01.89- 01.92	111425	12	1.4
	01.92- 01.92	113058	14	120				
	01.89- 01.91	113052#	14	90				
	01.89- 01.91	113051	14	120				
Spirit 2.5	01.89- 01.91	111813#	14	90				
	01.93- 01.94	111193	14	90	01.93- 01.94	111425	12	1.4
Spirit 3.0	01.93- 01.94	113058	14	120				
	01.91- 01.95	113056	14	90	01.90- 01.95	111456	12	1.4
	01.91- 01.95	113060#	14	120				
	01.90- 01.90	113055	14	90				
Spirit 3.0 ES	01.90- 01.90	113059#	14	120				
	01.91- 01.93	113060#	14	120	01.89- 01.93	111456	12	1.4
	01.91- 01.93	113056	14	90				
	01.90- 01.90	113055	14	90				
	01.90- 01.90	113059#	14	120				
	01.89- 01.89	111191#	14	90				
	01.89- 01.89	111192#	14	120				
Spirit 3.0 LE	01.91- 01.92	113060#	14	120	01.90- 01.92	111456	12	1.4
	01.91- 01.92	113056	14	90				
	01.90- 01.90	113055	14	90				
	01.90- 01.90	113059#	14	120				
St. Regis 3.7	01.79- 01.81	110236	14	60	01.79- 01.81	110223	12	1.1
	01.79- 01.81	112848#	14	110/114				





St. Regis 5.2		01.79- 01.81	110236	14	60		01.79- 01.81	110223	12	1.1
		01.79- 01.81	112848#	14	110/114					
St. Regis 5.9		01.79- 01.80	110236	14	60		01.79- 01.80	110222	12	1.3
		01.79- 01.80	112848#	14	110/114					
Stealth 3.0		01.96- 01.96	113566#	14	90		01.95- 01.96	113234#	12	1.2
		01.91- 01.96	110803#	14	90		01.91- 01.96	111241	12	1.2
							01.91- 01.96	111242#	12	1.2
							01.93- 01.96	113229#	12	1.2
Stealth 3.0 ES		01.91- 01.93	110803#	14	90		01.91- 01.93	111241	12	1.2
							01.93- 01.93	113229#	12	1.2
Stealth 3.0 R/T		01.96- 01.96	113566#	14	90		01.95- 01.96	113234#	12	1.2
		01.91- 01.96	110803#	14	90		01.91- 01.96	111241	12	1.2
							01.91- 01.96	111242#	12	1.2
							01.93- 01.96	113229#	12	1.2
Stealth 3.0 R/T Sport		01.94- 01.95	111406	14	110		01.95- 01.96	113234#	12	1.2
		01.94- 01.95	110803#	14	90		01.94- 01.95	111241	12	1.2
							01.94- 01.95	111242#	12	1.2
							01.94- 01.95	113229#	12	1.2
Stealth 3.0 Turbo R/T		01.96- 01.96	113566#	14	90		01.95- 01.96	113234#	12	1.2
		01.91- 01.96	111406	14	110		01.91- 01.96	111241	12	1.2
							01.91- 01.96	111242#	12	1.2
							01.93- 01.96	113229#	12	1.2
Stratus 2.0	[ECB]	01.95- 01.98	113067	14	90		01.95- 01.97	111396	12	1.2
							01.98- 01.98	113587	12	1.1
		01.99- 01.00	113067	14	90		01.99- 01.00	113587	12	1.1
Stratus 2.0 ES	[ECB]	01.95- 01.97	113067	14	90		01.95- 01.97	111396	12	1.2
Stratus 2.4	[EDZ]	01.95- 01.98	113067	14	90		01.95- 01.98	113115#	12	1.4
		01.99- 01.00	113067	14	90		01.99- 01.00	113115#	12	1.4
Stratus 2.4 ES	[EDZ]	01.96- 01.98	113067	14	90		01.96- 01.98	113115#	12	1.4
Stratus 2.5		01.95- 01.95	113067	14	90		01.95- 01.95	113115#	12	1.4
							01.99- 01.00	112846	12	1.4
Stratus 2.5 ES	[EEB]	01.99- 01.00	111529	14	90		01.95- 01.98	112846	12	1.4
Stratus 2.7		01.95- 01.98	111529	14	90		01.95- 01.98	112846	12	1.4
Stratus 3.0							01.01- 01.02	113775	12	1.2
Stratus 3.0 R/T							01.01- 01.01	113046#	12	1.2
Viper 8.0	[EWB]						01.02- 01.02	113046#	12	1.2
Viper 8.0 GTS										
Viper 8.0 RT10										
W100 3.7		01.63- 01.69	110074	14	60		01.63- 01.87	110223	12	1.1
		01.70- 01.87	110236	14	60					
		01.70- 01.87	112848#	14	110/114					
W100 3.9		01.89- 01.89	113050#	14	90		01.89- 01.89	111456	12	1.4
		01.89- 01.89	111192#	14	120					
		01.89- 01.89	111193	14	90					
W100 5.2		01.63- 01.69	110074	14	60		01.63- 01.87	110223	12	1.1
							01.88- 01.89	111456	12	1.4
		01.88- 01.89	111193	14	90					
		01.88- 01.89	113050#	14	90					
		01.88- 01.89	111192#	14	120					
		01.88- 01.89	111193	14	90					
W100 5.9		01.70- 01.87	110236	14	60					
		01.70- 01.87	112848#	14	110/114					
							01.88- 01.88	111456	12	1.4
							01.72- 01.87	110222	12	1.3
W100 6.3		01.88- 01.88	113050#	14	90					
		01.88- 01.88	111193	14	90					
		01.88- 01.88	111192#	14	120					
		01.72- 01.87	110236	14	60					
		01.72- 01.87	112848#	14	110/114					
W100 6.6		01.63- 01.69	110074	14	60		01.63- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60					
		01.70- 01.71	112848#	14	110/114					
W100 7.2		01.71- 01.77	110236	14	60		01.71- 01.77	110222	12	1.3
		01.71- 01.77	112848#	14	110/114					
W150 3.7		01.74- 01.77	110236	14	60		01.74- 01.77	110222	12	1.3
		01.74- 01.77	112848#	14	110/114					
W150 3.9		01.78- 01.87	110236	14	60		01.78- 01.87	110223	12	1.1
		01.78- 01.87	112848#	14	110/114					
W150 5.2 S		01.91- 01.93	111194	14	120		01.91- 01.93	111764	12	1.4
		01.91- 01.93	113054#	14	90		01.89- 01.90	111456	12	1.4
		01.89- 01.90	113050#	14	90					
W150 5.9 S		01.89- 01.90	111193	14	90					
		01.89- 01.90	111192#	14	120					
		01.90- 01.91	111194	14	120		01.90- 01.91	111456	12	1.4
W150 5.2		01.90- 01.91	113054#	14	90					
		01.91- 01.93	111194	14	120		01.91- 01.93	111764	12	1.4
		01.91- 01.93	113054#	14	90		01.88- 01.90	111456	12	1.4
							01.77- 01.87	110223	12	1.1
W150 5.2 S										
		01.88- 01.90	113050#	14	90					
		01.88- 01.90	111193	14	90					
		01.88- 01.90	111192#	14	120					
		01.77- 01.87	110236	14	60					
		01.77- 01.87	112848#	14	110/114					
W150 5.9 S		01.90- 01.91	111194	14	120		01.90- 01.91	111456	12	1.4
		01.90- 01.91	113054#	14	90					
W150 5.9		01.91- 01.93	111194	14	120		01.91- 01.93	111764	12	1.4
		01.91- 01.93	113054#	14	90		01.88- 01.90	111456	12	1.4
							01.77- 01.87	110222	12	1.3
W150 5.9 S										
		01.88- 01.90	113050#	14	90					
		01.88- 01.90	111193	14	90					
		01.88- 01.90	111192#	14	120					
		01.77- 01.87	110236	14	60					
W150 6.6		01.77- 01.87	112848#	14	110/114					
		01.91- 01.91	111194	14	120		01.91- 01.91	111764	12	1.4
W150 6.6		01.91- 01.91	113054#	14	90					
		01.77- 01.78	112848#	14	110/114		01.77- 01.78	110222	12	1.3



Application list

**DODGE** Continued

W150 7.2		01.78- 01.78	110236	14	60			01.78- 01.78	110222	12	1.3
		01.78- 01.78	112848#	14	110/114						
W200 3.7		01.63- 01.70	110074	14	60			01.63- 01.80	110223	12	1.1
		01.70- 01.80	110236	14	60						
W200 5.2		01.70- 01.80	112848#	14	110/114						
		01.63- 01.69	110074	14	60			01.63- 01.80	110223	12	1.1
		01.70- 01.80	110236	14	60						
W200 5.9		01.70- 01.80	112848#	14	110/114						
		01.71- 01.80	110236	14	60			01.71- 01.80	110222	12	1.3
W200 6.3		01.71- 01.80	112848#	14	110/114						
		01.63- 01.69	110074	14	60			01.63- 01.71	110222	12	1.3
W200 6.6		01.70- 01.71	110236	14	60						
		01.71- 01.78	110236	14	60			01.71- 01.78	110222	12	1.3
W200 7.2		01.71- 01.78	112848#	14	110/114						
		01.74- 01.78	110236	14	60			01.74- 01.78	110222	12	1.3
W250 5.2		01.74- 01.78	112848#	14	110/114						
		01.91- 01.93	113054#	14	90			01.91- 01.93	111764	12	1.4
		01.91- 01.93	111194	14	120			01.88- 01.90	111456	12	1.4
W250 5.9								01.81- 01.87	110223	12	1.1
W250 5.9 Turbo											
W300 3.7											
W300 5.2											
W300 5.9											
W300 6.3											
W300 6.6											
W300 7.2											
W350 5.2											
W350 5.9											
W350 5.9 Turbo											
<b>PASSENGER CARS AO</b>											
Caravan 3.8 Turbo 4WD	[EGH]	04.01- 01.06	113803	14	130						
Caravan III 3.3	[EGM]	04.01- 01.06	113803	14	130						
Caravan III 3.8	[EGH]	04.01- 01.06	113803	14	130						
Caravan III 3.8 AWD		04.01- 01.06	113803	14	130						
Ram 5.9 TD	[ETC]							10.96- 01.98	113116	12	1.4
								01.99- 01.03	113120	12	1.4
<b>Dronningborg</b>											
<b>AGRICULTURE</b>											
7000	[Perkins]		111289	14	70						
7800	[Valmet D620]	01.93	110968	14	70						
		01.93	111355	14	65						
8700 Jumbo	[Valmet]		110968	14	70						
			111355	14	65						
Various Models									114254	12	2.7 GR
									110449	12	3.6
									110545	12	3.0
									110443	12	2.1
									110460	12	2.8
<b>Dremer</b>											
<b>TRUCKS EU</b>											
Various Models		01.80-	111833	28	140						
<b>Eagle</b>											
<b>PASSENGER CARS US</b>											
2000 2.0 GTX		01.91- 01.93	110802	14	75			01.91- 01.93	110811	12	1.2
		01.91- 01.93	110804	14	90						
2000 2.0 GTX 4x4		01.92- 01.92	110802	14	75			01.92- 01.92	110811	12	1.2
		01.92- 01.92	110804	14	90						
Medallion 2.2 DL		01.88- 01.89	112755	14	90			01.88- 01.89	111124	12	2.2
Medallion 2.2 LX		01.88- 01.89	112755	14	90			01.88- 01.89	111124	12	2.2
Medallion 3.0		01.88- 01.90	112449#	14	105						
Premier 2.5 LX								01.88- 01.89	111490	12	1.4
Premier 3.0 ES		01.88- 01.92	112447	14	105			01.88- 01.92	113043#	12	1.7
Premier 3.0 Limited		01.91- 01.92	112447	14	105			01.91- 01.92	113043#	12	1.7
Premier 3.0 LX		01.88- 01.92	112447	14	105			01.88- 01.92	113043#	12	1.7
Summit 1.5		01.91- 01.92	110659	14	75			01.91- 01.92	110958	12	0.9
								01.91- 01.92	110158	12	1.2
Summit 1.5 DL		01.89- 01.96	110659	14	75			01.89- 01.96	110158	12	1.2
								01.91- 01.96	110958	12	0.9
Summit 1.5 ES		01.91- 01.96	110659	14	75			01.91- 01.96	110158	12	1.2
								01.91- 01.96	110958	12	0.9
Summit 1.5 ESI								01.95- 01.96	110958	12	0.9
								01.95- 01.96	110158	12	1.2
Summit 1.5 LX		01.89- 01.90	110659	14	75			01.89- 01.90	110158	12	1.2
Summit 1.6 LX		01.89- 01.90	110802	14	75			01.89- 01.90	110811	12	1.2



Summit 1.8						01.92- 01.93	111379		
Summit 1.8 DL		01.92- 01.93	111375	14	75			01.92- 01.96	111379
Summit 1.8 ES		01.92- 01.96	111375	14	75			01.93- 01.96	111379
Summit 1.8 ESI									
Summit 1.8 LX		01.94- 01.95	111375	14	75			01.94- 01.95	111379
Summit 2.4		01.92- 01.96	111375	14	75			01.92- 01.96	111379
Summit 2.4 DL		01.95- 01.96	113507#	14	75			01.95- 01.96	113615#
Summit 2.4 LX		01.95- 01.96	113507#	14	75			01.95- 01.96	113615#
Talon 1.8 DL		01.92- 01.92	110802	14	75			01.92- 01.94	110158
Talon 2.0	[ECF]	01.92- 01.92	110802	14	75			01.92- 01.94	110158
Talon 2.0 ES		01.93- 01.94	110802	14	75			01.93- 01.94	110811
Talon 2.0 ESI	[ECF]	01.96- 01.98	113462#	14	90			01.96- 01.98	112816#
Talon 2.0 Turbo TSI	[EBG]	01.95- 01.95	113462#	14	90			01.95- 01.95	112816#
Vision 3.3 ESI		01.93- 01.97	113066#	14	90			01.93- 01.97	113105#
Vision 3.5 ESI		01.94- 01.94	113066#	14	90			01.94- 01.94	113105#
Vision 3.5 TSI		01.95- 01.97	113066#	14	90			01.95- 01.97	112845
Vista 2.0	[G63B]	01.89- 110659	14	75				01.93- 01.97	112845
Vista 2.0 4x4		01.90- 112531	14	60					
<b>Eicher</b>									
<b>AGRICULTURE</b>									
330 2.0 Diesel	[EDK 2-9]	10.77- 12.80	111649	14	33				
3026 5.9 Diesel	[EDL 6-1]	03.82- 03.97	111649	14	33				
3028 5.9 Diesel	[EDL 6-5]	09.83- 112098	14	65					
3030 5.9 Diesel	[EDL 6-6]	09.83- 112098	14	65					
3357 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33				
3358 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33				
3457 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33				
3458 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33				
3559 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14	33				
3560 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14	33				
3659 3.9 Diesel	[EDL 4-5]	01.84- 01.99	111649	14	33				
3660 3.9 Diesel	[EDL 4-6]	01.84- 01.99	111649	14	33				
3257 S 3.0 Diesel	[EDL 3-7]	01.83- 12.87	111649	14	33				
3258 A AS 3.0 Diesel	[EDL 3-7]	03.82- 12.87	111649	14	33				
635 K KA 1.9 Diesel	[EDL 2-2]	01.86- 01.01	111649	14	33				
642 K KA 1.9 Diesel	[EDL 2-4]	01.86- 01.01	111649	14	33				
645 K KA 2.9 Diesel	[EDL 3-6]	01.86- 01.01	111649	14	33				
648 V VA 2.9 Diesel	[EDL 3-7.2]	01.87- 01.02	111649	14	33				
666 P PA 2.9 Diesel	[EDL 3-9.1]	01.87- 01.02	111649	14	33				
666 V VA 2.9 Diesel	[EDL 3-9.1]	01.86- 01.01	111649	14	33				
680 P PA 3.9 Diesel	[EDL 4-5.1]	01.87- 01.02	111649	14	33				
Various Models		01.77- 11.87	111649	14	33			01.72-	110439
								01.75-	110565
								01.75-	110819
<b>ERF</b>									
<b>TRUCKS EU</b>									
A Series	[Cum. 220, NT 240]					01.69- 01.73	110721	24	7.1
E6 6.0	[Cummins B]					01.88- 01.96	111286	24	5.5
						01.88-	111574	12	2.8
						01.88- 01.96	112656	24	4.5
E8 8.0	[Cummins]					01.88-	113332	24	7.5
EC6 6.0	[Cummins B]					01.88- 01.96	111286	24	5.5
						01.88- 01.96	112656	24	4.5
EC8 8.0	[Cummins]					01.88-	113332	24	7.5
ES6 6.0	[Cummins B]					01.88- 01.96	111286	24	5.5
						01.88- 01.96	112656	24	4.5
ES8 8.0	[Cummins]					01.88-	113332	24	7.5
<b>Eurofrigo</b>									
<b>MISC.</b>									
Various Models							114252	12	0.3
<b>Evinrude</b>									
<b>MARINE</b>									
E100 1.6						01.69- 01.79	110646	12	
E10E						01.94- 01.98	113525#	12	
						01.85- 01.93	113524#	12	
E10EL						01.80- 01.93	113524#	12	
						01.94- 01.98	113525#	12	
E10REL						01.90- 01.93	113524#	12	
						01.94- 01.98	113525#	12	
E10SEL						01.80- 01.93	113524#	12	
						01.94- 01.98	113525#	12	
E15E						01.80- 01.93	113524#	12	
						01.94- 01.98	113525#	12	
E15EL						01.80- 01.93	113524#	12	
						01.94- 01.98	113525#	12	
E15REL						01.90- 01.93	113524#	12	
						01.94- 01.98	113525#	12	
E20E						01.85- 01.95	111043	12	0.6
						01.85- 01.95	112156	12	
E25E						01.85- 01.98	111043	12	0.6
E25EL						01.81- 01.98	111043	12	0.6
E25KL						01.98-	113590	12	
E25QL						01.98-	113590	12	
E25TE						01.80- 01.98	111043	12	0.6
E25TEL						01.80- 01.98	111043	12	0.6
E25TKL						01.98-	113590	12	
E28ESL						01.87- 01.96	111043	12	0.6
E30E						01.84- 01.98	111043	12	0.6
E30EL						01.84- 01.98	111043	12	0.6

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**EVINRUDE Continued**

E30TE						01.85-	01.98	111043	12	0.6
E30TEL						01.85-	01.98	111043	12	0.6
E35E						01.80-	01.84	111043	12	0.6
E35EL						01.80-	01.84	111043	12	0.6
E35KL						01.98-		113590	12	
E35QL						01.96-	01.98	113590	12	
E35TEL						01.83-	01.84	111043	12	0.6
E35TKL						01.98-		113590	12	
E40E EL						01.89-	01.97	110647	12	0.6
E40TE TEL						01.89-	01.98	110647	12	0.6
E40TL TTL						01.89-	01.98	110647	12	0.6
E48ESL						01.87-	01.96	110647	12	0.6
E50BE BEL						01.89-	01.95	110647	12	0.6
E50DTL						01.95-	01.98	110647	12	0.6
E50DEL						01.95-	01.97	110647	12	0.6
E50TEL						01.89-	01.95	110647	12	0.6
E50TL						01.89-	01.97	110647	12	0.6
E50TTL						01.95-	01.98	110647	12	0.6
E85 1.6						01.64-	01.79	110646	12	
E90 1.6						01.70-	01.77	110646	12	
Various Models						01.60-	01.68	110655		
								111043	12	0.6
								113524#	12	
								112156	12	
								110647	12	0.6
<b>Evobus</b>										
<b>TRUCKS EU</b>										
S 415 GT 12.0	[OM457.941]					10.03-		113608	24	6.2
	[OM457.944]					10.03-		113608	24	6.2
S 415 GT-HD 12.0	[OM457.941]					10.03-		113608	24	6.2
	[OM457.944]					10.03-		113608	24	6.2
S 416 GT-HD 12.0	[OM457.944]					10.03-		113608	24	6.2
S 417 GT-HD 12.0	[OM457.944]					10.03-		113608	24	6.2
	[OM457.944]					10.03-		113608	24	6.2
<b>Fähr</b>										
<b>AGRICULTURE</b>										
M1000 Series		06.74-	12.80	112097	28	30				
		01.80-	12.87	112736	14	65				
		02.79-	12.81	110641	14	33				
M2000 Series		01.79-	12.87	112736	14	65				
M600 Series		02.79-	12.87	110641	14	33				
M700 Series		02.79-	12.87	110641	14	33				
M900 Series		02.79-	12.87	110641	14	33				
<b>Farymann</b>										
<b>MARINE</b>										
Various Models				110048	14	35			113381	12 2.5
				110127	14	70			112496	12 2.0
<b>MOTORS</b>										
Various Models									113381	12 2.5
									112496	12 2.0
<b>Fendt</b>										
<b>AGRICULTURE</b>										
204 3.8 Diesel	[F4L 912]	02.79-	08.88	110641	14	33	01.92-		112555	12 3.1
							09.86-	12.91	110536	12 2.7
205 4.0 Diesel	[F4L 912]	02.79-	08.88	110641	14	33				
600 5.7 Diesel	[D227-6]	02.78-		112196	14	143	02.78-		111332	12 2.7
610 5.7 Diesel	[D226-6]	02.78-		112196	14	143	02.78-		111332	12 2.7
611 6.2 Diesel	[D226-6]	02.76-		112196	14	143	02.76-		111332	12 2.7
612 6.2 Diesel	[D226-6]	02.76-		112196	14	143	02.76-		111332	12 2.7
614 6.2 Diesel	[TD226-6]	02.78-		112196	14	143	02.78-		111332	12 2.7
105S 4.2 Diesel	[D226-4]						02.77-	02.92	111332	12 2.7
200 Series 2.8 Diesel	[F3L912]						02.74-	12.91	110536	12 2.7
		02.79-	08.88	110077	14	50	10.92-		112555	12 3.1
		02.79-	08.88	110641	14	33				
		09.88-		110881	14	55				
300 SERIES 4.2 Diesel	[D226...]	02.80-	08.04	112196	14	143	02.80-		111332	12 2.7
626 LS 11.4 Diesel	[D2566ME]	02.82-	02.97	112196	14	143				
800 Series 6.9 Diesel	[D286...]	06.93-		113290	14	95	06.93-		113353	24 4.0
900 Series							01.93-		113353	24 4.0
Various Models	[TCD2013]			114192	14	200				
				111978	14	120	01.68-	12.74	112039	12 2.7
									110536	12 2.7
									112555	12 3.1
<b>Ferrari</b>										
<b>PASSENGER CARS EU</b>										
208 2.0 Turbo	[F106D...]	06.82-	10.89	111620	14	65				
		GTB/GTS 01.86-	10.89	113187	14	85				
328 3.2 GTB	[F105C...]						09.85-	09.89	111694	12 1.8
400 4.8 I	[F101...]	05.79-	03.85	110912	14	55				
412 4.9 I	[F101E...]	04.85-	12.88	111620	14	65				
F 40 3.0	[F120A]	02.88-	06.92	111620	14	65				
		04.88-	06.92	113187	14	85				
Mondial 2.9	[F106B...]	07.80-	09.83	111620	14	65				
Mondial 3.4 T	[F119D]						01.89-	12.93	111694	12 1.8
<b>PASSENGER CARS US</b>										
308 3.0 GTB		01.80-	01.80	110875	14	65				
308 3.0 GTS		01.80-	01.80	110875	14	65				
308 3.0 I GTB		01.81-	01.82	110875	14	65				
308 3.0 I GTS		01.81-	01.82	110875	14	65				
<b>AGRICULTURE</b>										
86 2.5 Diesel	[LDA 833]	06.80-		111662	14	33				
91 0.4	[6LD400]						09.89-	02.92	112034	12 1.7
							03.92-	09.04	112171	12 1.1
92 0.5	[3LD350]						09.89-	02.92	112034	12 1.7
							03.92-	09.04	112171	12 1.1
93		09.89-		111662	14	33				
94		09.89-		111662	14	33				
95 1.3 Diesel	[8LD665.2]	11.88-		111662	14	33				
96 2.7 Diesel	[5LD 824-3]	09.89-		111662	14	33				
305 0.4	[6LD400]						09.89-	02.92	112034	12 1.7
							03.92-	09.04	112171	12 1.1
305 0.5	[6L360]						09.89-	02.92	112034	12 1.7
							03.92-	09.04	112171	12 1.1
306 0.4	[6LD400]						09.89-	02.92	112034	12 1.7
							03.92-	09.04	112171	12 1.1
307 0.4	[6LD400]						10.90-	02.92	112034	12 1.7
							02.92-		112171	12 1.1
718 0.7	[7LD665]	06.80-	12.83	113268	12	1.6				
792 0.4	[6LD400]	09.89-	02.92	112034	12	1.7				
		03.92-	09.04	112171	12	1.1				
794 0.4	[6LD400]	09.89-	02.92	112034	12	1.7				
		03.92-	09.04	112171	12	1.1				
1100 1.1 Diesel	[9LD 561]	12.85-		111662	14	33	12.85-		112172	12 1.6
1300 1.3 Diesel	[8LD665.2]	12.85-		111662	14	33	12.85-		112172	12 1.6
40 WDT 1.6 Diesel	[LDW1503]	04.91-		111168	14	55	04.91-		110844	12 2.2
72S 0.7	[7LD665]						01.71-		112171	12 1.1
							01.71-		113268	12 1.6
95 RS 1.7 Diesel	[5LD 825.2]	11.88-		111662	14	33				
95 RS 1.9 Diesel	[11LD 625.3]			111662	14	33				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



96 RS 1.9 Diesel	[11LD 625.3]	09.89-	111662	14	33				
<b>Fiat</b>									
<b>PASSENGER CARS EU</b>									
124 1.2 1200	[124A.000]	08.71- 07.75	110912	14	55				
	[154E1.000]	08.71- 05.73	110912	14	55				
124 1.4 1400 Special	[124B2.000]	10.68- 07.75	110611	14	44				
		10.68- 07.75	110912	14	55				
124 1.4 1400 Special T	[132A.000]	10.68- 07.75	110611	14	44				
		10.68- 07.75	110912	14	55				
124 1.6 1600 Spider Sport	[132AC.000]	11.69- 08.73	110912	14	55				
		04.70- 08.73	110611	14	44				
124 1.6 1600 Sport	[132AC.000]	01.69- 12.74	110611	14	44				
		01.69- 12.75	110912	14	55				
124 2.0 2000	[132C3.031]	06.79- 04.85	110912	14	55	06.79- 04.85	111106	12	1.0
124 2.0 2000 Spider Europa	[132C3.031]	03.82- 09.85	111620	14	65	06.79- 04.85	111106	12	1.0
	[132C3.031]	06.79- 04.85	110912	14	55				
124 2.0 2000 Volumex	[232R14]	06.83- 04.85	110912	14	55	06.83- 04.85	111106	12	1.0
125 1.6	[125A.000]	07.71- 12.72	110912	14	55				
125 1.6 Special	[125B.000]	07.71- 12.72	110912	14	55				
126 0.6 600 Bambino	[126A.000]					09.72- 06.77	110608	12	0.5
126 0.65 650 Bambino	[126A1_048]					07.77- 11.84	110608	12	0.5
	[141A.000]					01.83-	110608	12	0.5
126 0.7 700 Bambino	[126A2.000]	09.87- 06.91	111035	14	65				
	[126A2_048]	09.87- 06.91	111035	14	65				
127 0.9	[100GL.000]	06.78- 05.83	111078	14	45	01.79-	111118	12	0.9
						06.71- 05.83	110365	12	0.8
	[100GL_048]	06.78- 05.83	111078	14	45	01.79-	111118	12	0.9
						06.71- 05.83	110365	12	0.8
127 1.0	[127A.000]	04.77- 10.86	110612	14	43	04.77- 12.86	110827	12	0.8
		04.77- 05.83	111180	14	33				
127 1.0 Panorama	[127A.000]	04.77- 05.86	111180	14	33	04.77- 05.86	110827	12	0.8
127 1.0 Sport	[127A1.000]	06.78- 11.81	110899	14	33	07.78- 02.82	110827	12	0.8
		06.78- 11.81	111180	14	33				
127 1.3 Sport	[127A3.000]	12.81- 10.86	110612	14	43	12.81- 05.83	110827	12	0.8
127 1.3 Diesel	[127A5.000]	02.81- 12.86	110991	14	55	07.82- 12.86	111118	12	0.9
127 1.3 Diesel Panorama	[127A6.000]	06.83- 12.86	110991	14	55	06.83- 12.86	111118	12	0.9
128 1.1 1100	[128A.000]	09.69- 10.78	110899	14	33	09.69- 12.84	110338	12	0.8
		09.69- 12.84	111180	14	33				
	[128A_048]	09.69- 12.79	110899	14	33	09.69- 12.84	110338	12	0.8
		09.69- 09.81	111180	14	33				
	[128AC5.000]	03.72- 12.79	110899	14	33	03.72- 02.81	110338	12	0.8
		03.72- 02.81	111180	14	33				
128 1.3 1300	[128A1.000]	01.71- 04.76	110899	14	33	03.69- 12.84	110338	12	0.8
		01.71- 12.84	111180	14	33				
	[128AC.000]	11.71- 12.75	110899	14	33	11.71- 12.75	110338	12	0.8
		11.71- 12.75	111180	14	33				
128 1.3 1300 Berlinetta	[128AC.000]	06.75- 12.79	110899	14	33	06.75- 12.79	110338	12	0.8
		06.75- 12.79	111180	14	33				
128 1.3 1300 Rally		09.71- 02.76	110899	14	33	09.71- 02.76	110338	12	0.8
128 1.3 1300 Sport	[128A1.000]	03.69- 10.78	110899	14	33	03.69- 12.84	110338	12	0.8
		10.78- 12.84	111180	14	33				
130 3.2 3200	[130B.000]	09.71- 03.77	110611	14	44				
131 1.3 Mirafiori	[131A.000]	10.74- 12.82	110350	14	44	10.74- 12.82	110826	12	0.8
	[131A6.000]	10.74- 09.81	110912	14	55	10.74- 09.81	110826	12	0.8
		10.74- 09.81	111138	14	45				
131 1.3 Mirafiori Panorama	[131A.000]	03.75- 03.82	110912	14	55	03.75- 03.82	110826	12	0.8
		03.75- 03.82	111138	14	45				
131 1.3 Panorama Mirafiori	[131A6.000]	10.74- 01.84	110912	14	55	10.74- 12.80	110826	12	0.8
		11.76- 01.84	111138	14	45				
131 1.3 Super Mirafiori	[131B.000]	10.74- 01.84	110912	14	55	07.80- 01.84	111106	12	1.0
		11.76- 01.84	111138	14	45	03.78- 12.80	110826	12	0.8
						03.78- 12.80	110814	12	2.7
131 1.4 Mirafiori	[131C.000]	11.80- 01.84	110912	14	55	11.80- 01.84	110352	12	1.3
		11.80- 01.84	111138	14	45				
	[131C1.000]	11.80- 01.84	110912	14	55	11.80- 01.84	110352	12	1.3
		11.80- 01.84	111138	14	45				
131 1.4 Super Mirafiori	[131C1.000]	10.74- 01.84	110912	14	55	01.81- 12.83	110352	12	1.3
		11.76- 01.84	111138	14	45				
131 1.6 1600	[131A1.000]	10.74- 09.81	110912	14	55	07.80- 09.81	111106	12	1.0
		10.74- 09.81	111138	14	45	10.74- 06.80	110352	12	1.3
	[131C2.000]	10.74- 01.84	110912	14	55	11.76- 12.84	111106	12	1.0
		11.76- 12.84	111138	14	45	11.76- 12.84	110814	12	2.7
131 1.6 1600 Panorama	[131C2.000]	11.80- 01.84	110912	14	55	11.80- 04.85	111106	12	1.0
		11.80- 01.84	111138	14	45				
131 1.6 1600 Super	[131C3.000]	03.78- 01.84	110912	14	55	03.78- 06.80	110352	12	1.3
		03.78- 01.84	111138	14	45	07.80- 01.84	111106	12	1.0
131 1.6 Panorama	[131A1.000]	03.75- 12.78	110912	14	55	03.75- 12.78	110352	12	1.3
		03.75- 12.78	111138	14	45				
131 1.6 Panorama Super	[131C3.000]	12.79- 12.81	110912	14	55	12.79- 12.81	110826	12	0.8
		12.79- 12.81	111138	14	45				
131 1.6 Super Mirafiori	[131B1.000]	10.74- 01.84	110912	14	55	03.79- 06.80	110352	12	1.3
		11.76- 01.84	111138	14	45	07.80- 03.82	111106	12	1.0
131 2.0 2000 Racing	[131B2.000]	06.78- 12.81	110912	14	55	06.78- 08.79	110352	12	1.3
		06.78- 12.81	111138	14	45	07.80- 12.81	111106	12	1.0
131 2.0 2000 Super	[131C4.000]	01.81- 01.84	110912	14	55	01.81- 01.84	111106	12	1.0
		01.81- 01.84	111138	14	45	01.81- 12.84	110814	12	2.7
131 2.0 Abarth Rally	[131B2.000]					01.76- 07.80	111106	12	1.0
131 2.0 Diesel	[8144.65]	03.78- 01.84	110882	14	45	03.78- 01.84	110812	12	2.0
		03.78- 01.84	110890	14	55				
		03.78- 01.84	111686	14	65				
131 2.0 Diesel Panorama	[8144.65]					07.78- 08.84	110812	12	2.0
131 2.5 Diesel	[8144.61]	03.78- 02.84	110882	14	45	06.78- 02.84	110814	12	2.7
		03.78- 02.84	110890	14	55	06.78- 02.84	110812	12	2.0
		03.78- 02.84	111686	14	65				
131 2.5 Diesel 2500 Super Mirafiori	[8144.61]	08.78- 01.84	110882	14	45	08.78- 01.84	110812	12	2.0
		08.78- 01.84	110890	14	55				
		08.78- 01.84	111686	14	65				
132 1.6 1600	[132BBOAO]	04.72- 05.81	110912	14	55	07.80- 05.85	111106	12	1.0
		11.76- 05.81	111138	14	45				
	[132C.000]	05.72- 05.81	110912	14	55	07.80- 05.81	111106	12	1.0
		11.76- 05.81	111138	14	45				
	[132C6.000]	03.77- 12.81	110912	14	55				
		03.77- 12.81	111138	14	45				
132 1.7 1700	[132B1.000]	11.75- 01.77	110912	14	55				
		11.76- 01.77	111138	14	45				
132 1.8 1800 GLS		02.74- 12.75	110912	14	55				
		02.74- 12.75	111138	14	45				
132 1.8 1800 Special		04.72- 01.74	111138	14	45				
		04.72- 01.74	110912	14	55				
132 2.0 2000	[132C2.000]	05.72- 06.81	110912	14	55	07.80- 06.81	111106	12	1.0
		11.76- 06.81	111138	14	45				
132 2.0 i.e. 2000	[132C3.000]	01.80- 05.81	110912	14	55	07.80- 12.82	111106	12	1.0
		01.80- 05.81	111138	14	45				
132 2.0 Diesel	[8144.65]	03.78- 07.82	110882	14	45	07.78- 07.82	110812	12	2.0
		03.78- 07.82	110890	14	55				
		03.78- 05.81	111686	14	65				



Application list

FIAT Continued

132 2.5 Diesel	[8144.61]	03.78- 07.82	110882	14	45	07.78- 07.82	110812	12	2.0	
		03.78- 07.82	110890	14	55					
		03.78- 05.81	111686	14	65					
500 0.5	[120000] [110F.000]					11.72- 12.74	110608	12	0.5	
						11.72- 12.74	110608	12	0.5	
500 1.2	[169A4.000]	10.07-	114462	14	70	10.07-	113962	12	0.9	
500 1.2 LPG	[169A4.000]	12.10-	114462	14	70					
500 1.3 Multijet	[169A1.000]	10.07-	113721	14	75					
		10.07-	113722	14	90					
500 1.4	[169A3.000]	10.07-	114462	14	70	10.07-	113962	12	0.9	
500 1.4 Abarth	[312A1.000]					08.08-	113962	12	0.9	
900 0.9 Panorama	[100GF000]					09.80- 12.84	110522	12	3.0	
900 0.9 Pulmino	[100GF000]					09.80- 12.84	110522	12	3.0	
238-Series 1.4	[131AZ000]	01.69- 10.77	110611	14	44					
		06.76- 12.77	110912	14	55					
		01.78- 06.82	111078	14	45					
	[131BZ0C0]	06.80- 06.82	111078	14	45					
	[131FZ]	06.80- 06.82	111078	14	45					
242-Series 1.6	[124B3.000]					10.75- 07.82	110827	12	0.8	
242-Series 1.9	[132AZ2.000]					10.75- 07.82	110827	12	0.8	
500 C 1.2	[169A4.000]	09.09-	114462	14	70	09.09-	113962	12	0.9	
500 C 1.3 Multijet	[169A1.000]	09.09-	113722	14	90					
500 C 1.4	[169A3.000]	09.09-	114462	14	70	09.09-	113962	12	0.9	
Albea 1.2 i.e. 16V	[188A5.000]	01.02-	113718	14	70					
Albea 1.2 i.e. 8V	[188A4.000]	01.02-	113718	14	70					
Albea 1.4	[350A1.000]	01.07-	114462	14	70	01.07-	113962	12	0.9	
Argenta 1.6 1600	[132D.000]	06.81- 11.85	110912	14	55	06.81- 11.85	111106	12	1.0	
		06.81- 11.85	111138	14	45					
		ATAC 06.81- 11.85	111620	14	65					
		AC 06.81- 11.85	111620	14	65					
Argenta 1.6 i.e. 1600	132A	04.81- 12.85	111138	14	45	04.81- 12.85	111106	12	1.0	
		04.81- 12.85	110912	14	55					
Argenta 2.0 2000	[132C2.000]	06.81- 11.85	110912	14	55	06.81- 11.85	111106	12	1.0	
		06.81- 11.85	111138	14	45					
		ATAC 06.81- 11.85	111620	14	65					
		AT 06.81- 11.85	110912	14	55					
		AC 06.81- 11.85	111620	14	65					
Argenta 2.0 2000 Volumax	132D	06.84- 07.85	111138	14	45	06.84- 07.85	111106	12	1.0	
		06.84- 07.85	110912	14	55					
Argenta 2.0 i.e. 2000	[132C3.000]	06.81- 11.85	110912	14	55	06.81- 11.85	111106	12	1.0	
		06.81- 11.85	111138	14	45					
		ATAC 06.81- 11.85	111620	14	65					
		AT 06.81- 11.85	110912	14	55					
		AC 06.81- 11.85	111620	14	65					
Argenta 2.5 Diesel 2500	[8144.61]	06.81- 11.85	110890	14	55	06.81- 11.85	110812	12	2.0	
		06.81- 11.85	111686	14	65					
		AC 06.81- 11.85	111686	14	65					
Argenta 2.5 TD	[8144.61.500.81]	07.83- 11.85	110890	14	55	07.83- 11.85	110812	12	2.0	
		07.83- 11.85	111686	14	65					
		AC 07.83- 11.85	111686	14	65					
Barchetta 1.8 16V	[183A1.000] [188A6.000] [183A1.000]	AC 04.95-	111409	14	100	04.95-	111685	12	1.4	
		10.00-	113942	14	100	09.00-	111685	12	1.4	
		04.95-	111413	14	90					
		04.95- 09.00	113942	14	100					
		04.95-	111725#	14	75					
		AC 01.95-	111582#	14	85					
		AC 04.95-	111625	14	100					
Brava 1.2 16V	[182B2.000] [188A5.000] [188A5.000]	12.98- 10.00	113684	14	90	12.98-	111422	12	0.8	
		AC 10.00-	113535	14	85	12.98-	111422	12	0.8	
		10.00- 10.01	113684	14	90					
Brava 1.4	[182A5.000]	PS 10.95-	111413	14	90	10.95-	111420	12	0.9	
		PS 10.95-	111725#	14	75					
Brava 1.4 12V	[182A3.000]	PS 10.95-	111413	14	90	10.95-	111420	12	0.9	
		PS 10.95-	111725#	14	75					
Brava 1.6 16V EL	[182A6.000]	10.95-	111688	14	85	10.95-	112124	12	0.9	
		10.95-	111689	14	90	A13 01.97-	112383			
		PS 10.95-	111689	14	90					
		AC 10.95-	111688	14	85					
Brava 1.6 16V SX	[182A4.000]	02.96-	111688	14	85	02.96-	112124	12	0.9	
		02.96-	111689	14	90	A13 01.97-	112383			
		11.98-	113263#	14	105	AT 10.98-	112445	12	1.1	
		PS 02.96-	111689	14	90					
		AC 02.96-	111688	14	85					
		AC 11.98-	112190	14	90					
Brava 1.6						182A... AT 10.95-	111420	12	0.9	
Brava 1.8 16V GT	[182A2.000]	10.95- 10.01	113939	14	100	10.95-	111685	12	1.4	
		10.95- 10.01	113942	14	100					
		11.98- 01.01	111409	14	100					
		AC 12.95- 01.01	111409	14	100					
Brava 1.9 Diesel	[160A7.000] [160A7.000]	10.95-	111416	14	65	10.95-	111424	12	2.2	
		AC								
Brava 1.9 JTD	[182B4.000] [182B9.000] [182B4.000] [182B9.000]	12.98-	111409	14	100	12.98-	112027			
		12.98-	112386	14	100	12.98-	113430	12	1.8	
		09.00- 10.01	113943	14	100	09.00- 10.01	113297			
		AC 09.00- 10.01	113336	14	120	09.00- 10.01	113931	12	1.7	
		12.98-	113336	14	120					
		12.98- 10.01	113942	14	100					
Brava 1.9 TD	[182A7.000] [182A8.000]	03.96- 10.01	113939	14	100	09.00- 10.01	112027			
		03.96- 10.01	113939	14	100	09.00- 10.01	113430	12	1.8	
						03.96-	112027			
						03.96-	113430	12	1.8	
Bravo 1.2 16V	[182A7.000] [188A5.000] [182B2.000] [188A5.000]	10.00- 10.01	113684	14	90	03.96-	113430	12	1.8	
						12.98-	111422	12	0.8	
		AC 10.00-	113535	14	85	12.98-	111422	12	0.8	
Bravo 1.4	[182A3.000] [182A5.000]	PS 10.95-	111413	14	90	10.95-	111420	12	0.9	
		PS 10.95-	111725#	14	75					
		PS 10.95-	111413	14	90					
Bravo 1.4 16V	[192B2.000] [198A7.000]	04.07-	114462	14	70	04.07-	113962	12	0.9	
						03.08-	113962	12	0.9	
						09.07-	113962	12	0.9	
						09.07-	113962	12	0.9	
Bravo 1.4 T-Jet	[198A1.000]	09.07-	114462	14	70	09.07-	113962	12	0.9	
Bravo 1.4 LPG	[198A4.000] [192B2.000]	11.09-	114462	14	70					
Bravo 1.4						10.95-	112383			
Bravo 1.6	[182A6.000]	10.95-	111688	14	85	11.98-	112445	12	1.1	
		10.95-	111689	14	90	10.95-	112124	12	0.9	
		PS 10.95-	111689	14	90	A13 01.97-	112383			
		AC 10.95-	111688	14	85					

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Bravo 1.6 SX	[182A4.000]	03.96-	111688	14	85	A13 01.97- AT 10.98- 03.96-	112383	12	1.1		
		03.96-	111689	14	90		112445				
		PS 03.96-	111689	14	90		112124			12	0.9
		AC 03.96-	111688	14	85						
		AC 11.98-	112190	14	90						
Bravo 1.6 Multijet	[198A2.000]	03.08-	113996	14	140	03.08-	113931	12	1.7		
	[198A3.000]	03.08-	114493	14	100						
		03.08-	113996	14	140	03.08-	113931	12	1.7		
		03.08-	114493	14	100						
Bravo 1.8 GT	[182A2.000]	10.95- 10.01	113939	14	100	10.95-	111685	12	1.4		
		AC									
		AC 10.95-	111625	14	100						
Bravo 1.9 Diesel	[160A7.000]	10.95-	111416	14	65	10.95-	111424	12	2.2		
	[160A7.000]										
		AC									
Bravo 1.9 Diesel Multijet	[937A5.000]	04.07-	114204	14	120	04.07-	113931	12	1.7		
Bravo 1.9 JTD	[182B4.000]	12.98-	111409	14	100	12.98-	112027	12	1.8		
		12.98-	112386			12.98-	113430				
	[182B9.000]	09.00- 10.01	113943	14	100	09.00- 10.01	113931				
		AC 09.00- 10.01	113336	14	120	09.00- 10.01	113430				
	[182B4.000]	12.98-	113336	14	120						
		12.98- 10.01	113942	14	100						
		12.98- 10.01	113943	14	100						
						09.00- 10.01	112027				
						09.00- 10.01	113297				
Bravo 1.9 TD	[182A7.000]	03.96- 10.01	113667	14	90	03.96-	113430	12	1.8		
		03.96- 10.01	113939	14	100	03.96-	112027				
Bravo 2.0 20V	[182A1.000]	10.95-	111582#	14	85	10.95-	111685	12	1.4		
		AC 10.95-	112095	14	100						
		07.98-	111582#	14	85	07.98-	111685	12	1.4		
Bravo 2.0 Multijet	[198A5.000]	09.08-	113996	14	140						
		09.08-	114493	14	100						
	[844A2.000]	09.08-	114493	14	100						
Campagnola 2.0	[6132AZ2.000]	06.74- 10.89	110912	14	55						
		06.79- 10.86	110890	14	55						
Campagnola 2.4 Diesel	[Sofim-8144.61.200]	06.74- 10.89	110890	14	55	06.74- 10.89	111693	12	2.5		
Cinquecento 0.7	[170A.000]	12.91- 01.96	111032	14	50	12.91- 01.96	111031				
Cinquecento 0.7 i	[170A.046]	07.94-	111032	14	50	07.94-	111031				
Cinquecento 0.9	[170A1.000]	07.91- 12.93	111687	14	55	07.91- 12.93	111585	12	0.8		
Cinquecento 0.9 i.e.	[170A1.046]	07.91- 12.93	111687	14	55	07.91- 12.93	111585	12	0.8		
	[1170A1.000]					07.91- 07.98	111585	12	0.8		
	[1170A1.046]	07.91- 07.98	111687	14	55	07.91- 07.98	111585	12	0.8		
Cinquecento 1.1 Sporting	[176B2.000]	10.94-	113471	14	65	10.94-	111422	12	0.8		
		10.94- 01.98	113533	14	65						
		AC 10.94-	113471	14	65						
Coupe 1.8 16V	[183A1.000]	03.96-	111409	14	100	03.96-	111685	12	1.4		
		03.96- 08.00	113942	14	100						
		03.96-	111725#	14	75						
Coupe 2.0 16V	[836A3.000]	03.94- 09.96	111620	14	65	03.94-	110854	12	1.4		
	[836A3.000]	09.96	111860	14	90						
		AC 03.94- 09.96	112540	14	100						
Coupe 2.0 20V	[182A1.000]	08.96-	111582#	14	85	08.96- 04.98	111685	12	1.4		
	[182B3.000]	04.98-	111582#	14	85	04.98-	111685	12	1.4		
Coupe 2.0 Turbo 16V	[175A1.000]	09.96	111860	14	90	03.94-	110854	12	1.4		
	[175A1.000]	03.94- 09.96	111620	14	65						
		AC 03.94- 09.96	112540	14	100						
Coupe 2.0 Turbo 20V	[175A3.000]	08.96-	112095	14	100	08.96-	111685	12	1.4		
		RHD 08.96-	111582#	14	85						
		AC 08.96-	112095	14	100						
Croma 1.6	[154A.048]	12.85- 06.90	110912	14	55	12.85- 02.89	112455	12	1.4		
		12.85- 06.90	111620	14	65	12.85- 06.90	111645	12	0.4		
		12.85- 06.90	113187	14	85						
Croma 1.8 16V	[939A4.000]	12.05-	114431	14	120						
Croma 1.9 Diesel Multijet	[939A1.000]	06.05-	113996	14	140	06.05-	113931	12	1.7		
		06.05-	114204	14	120	06.05-	113297				
	[939A2.000]	06.05-	113996	14	140						
		06.05-	114204	14	120						
Croma 1.9 Multijet	[939A7.000]	06.05-	113955	14	105	06.05-	113931	12	1.7		
	[939A7.000]	06.05-	113996	14	140						
Croma 1.9 TD	[154C6.000]	03.88- 10.92	111620	14	65	03.88- 10.92	111113	12	2.2		
		05.89- 10.92	113187	14	85	11.92- 12.96	112537	12	2.2		
		11.92	111860	14	90						
		AC 03.88- 10.92	112771	14	90						
Croma 1.9 TDDI	[154D1.000]	03.88- 12.96	111620	14	65	11.92- 12.96	112537	12	2.2		
		AC 11.92- 12.96	112771	14	90	11.92- 12.96	111645	12	0.4		
Croma 2.0 2000 CHT	[154C5.000]	01.91- 09.92	111620	14	65	01.91- 09.92	112455	12	1.4		
	[154A1.000]	12.85- 02.89	111620	14	65	12.85- 02.89	112455	12	1.4		
	[154A1.000]	12.85- 01.87	110912	14	55						
		12.85- 02.89	113187	14	85						
Croma 2.0 16V	[154E1.000]	08.92-	111860	14	90	08.92-	112455	12	1.4		
		08.92- 03.98	112681	14	80						
Croma 2.0 i.e. Turbo	[834C.146]	11.86- 09.90	111620	14	65						
		AC 11.86- 07.90	112453	14	85						
Croma 2.0 i.e. Turbo 2000	[154A2.000]	12.85- 09.90	111620	14	65	AT 12.85- 06.90	112455	12	1.4		
		12.85- 09.90	112453	14	85						
		AC 12.85- 06.90	112453	14	85						
	[154C4.046]	10.90- 08.96	111620	14	65	10.90- 11.91	112455	12	1.4		
		AC 10.90- 08.96	111860	14	90	01.92- 08.96	112123				
	[834C.146]	06.87- 09.90	111620	14	65	AT 06.87- 09.90	112455	12	1.4		
		AC 06.87- 07.90	112453	14	85						
		AC 07.90- 09.90	111860	14	90						
Croma 2.0 i.e. 2000	[154C3.000]	03.87- 09.92	111860	14	90	03.87- 09.92	112455	12	1.4		
		03.87- 09.90	113187	14	85						
	[154C3.046]	10.87- 08.96	111620	14	65	01.92- 08.96	112123				
		10.87- 09.90	113187	14	85	AT 10.87- 12.91	112455	12	1.4		
		AC 10.87- 07.90	112453	14	85						
		AC 07.90- 08.96	111860	14	90						
	[834B.000]	03.87- 09.92	111620	14	65	AT 03.87- 09.90	112455	12	1.4		
		03.87- 09.90	113187	14	85	12.85- 06.90	111645	12	0.4		
		AC 03.87- 09.92	112453	14	85						
	[834B.048]	03.86- 09.90	111620	14	65	AT 03.86- 09.90	112455	12	1.4		
		03.86- 09.90	113187	14	85						
		AC 03.86- 09.90	112453	14	85						
	[834B.146]	10.87- 09.90	113187	14	85	11.92- 08.96	112123				
		11.92- 08.96	111620	14	65						
		AC 11.92- 08.96	111860	14	90						
Croma 2.5 V6	[834G.000]					06.93- 12.96	112308#	12	1.4		
Croma 2.5 Diesel	[8144.67]	12.85- 12.89	111686	14	65	12.85- 12.89	111113	12	2.2		
	[8144.67]	12.85- 12.89	112453	14	85						
		AC 12.85- 12.89	112453	14	85						
Croma 2.5 TD	[8144.97S]	12.91- 08.96	111686	14	65	12.91- 08.96	112541	12	2.2		
	[8144.97S]	AC 12.91- 08.96	112453	14	85						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FIAT Continued

Croma 2.5 TD 2500	[8144.91.2000]	12.85- 08.89	111686	14	65	12.85- 08.89	111113	12	2.2
		12.85- 12.96	112453	14	85				
		AC 12.85- 08.89	112453	14	85				
	[8144.97]	12.85- 12.96	112453	14	85	05.89- 08.96	111113	12	2.2
		03.89- 06.90	111860	14	90				
		05.89- 08.96	111686	14	65				
		AC 05.89- 08.96	111860	14	90				
		03.89- 06.90	111860	14	90	05.89- 08.96	111113	12	2.2
Doblo 1.2 i.e. 8V	[223A5.000]	P5 03.01-	113537	14	65	03.01-	114123	12	0.8
	[223A5.000]	03.01-	111411	14	75				
		AC 03.01-	111505	14	75				
Doblo 1.2 Multijet	[199A3.000]	A18 02.10-	113722	14	90	02.10-	113719	12	1.3
	[263A2.000]	A18 02.10-	113722	14	90	02.10-	113719	12	1.3
Doblo 1.3 Diesel Multijet	[199A2.000]	10.05-	113722	14	90	10.05-	113719	12	1.3
	[223A9.000]	10.05-	113722	14	90	10.05-	113719	12	1.3
Doblo 1.3 JTD 16V	[188A9.000]	05.04-	113721	14	75	05.04-	113719	12	1.3
		05.04-	113722	14	90				
Doblo 1.3 Multijet	[199A3.000]	02.10-	113721	14	75				
		AC 02.10-	113722	14	90				
Doblo 1.4	[843A1.000]	02.10-	114462	14	70	02.10-	113962	12	0.9
	[350A1.000]	10.05-	114462	14	70	10.05-	113962	12	0.9
Doblo 1.4 Cargo	[843A1.000]	02.10-	114462	14	70	02.10-	113962	12	0.9
Doblo 1.6	[182B6.000]					09.02-	112445	12	1.1
	[182B6.000]	AC 09.02-	113263#	14	105	09.02-	114035	12	1.3
Doblo 1.6 i.e. 16V	[182B6.000]	10.01-	112190	14	90	10.01-	112445	12	1.1
		10.01-	113263#	14	105	10.01-	114035	12	1.3
Doblo 1.6 16V Multijet	[263A4.000]	02.10-	114493	14	100				
Doblo 1.6 16V Multijet Cargo	[182B6.000]	02.10-	114493	14	100				
Doblo 1.6 Multijet	152_263	02.10-	114493	14	100	02.10-	113931	12	1.7
	[263A4.000]	02.10-	114493	14	100				
Doblo 1.6 Multijet Cargo	[263A4.000]	02.10-	114493	14	100	02.10-	113931	12	1.7
Doblo 1.9 Diesel	[223A6.000]	03.01-	113338	14	65	03.01-	112379	12	1.8
		03.01-	113943	14	100	03.01-	114321	12	2.0
	[223A6.000]	AC 03.01-	112386						
		AC 03.01-	113337#	14	90				
Doblo 1.9 Diesel Multijet	[186A9.000]	10.05-	113943	14	100	10.05-	113297		
	[186A9.000]					10.05-	113931	12	1.7
Doblo 1.9 JTD	[223A7.000]	07.03-	112386			07.03-	113931	12	1.7
		07.03-	113943	14	100	10.01- 01.02	113430	12	1.8
		07.03-	113337#	14	90	02.02- 01.04	113297		
	[223B1.000]	07.03-	112386			10.01- 01.02	113430	12	1.8
		07.03-	113943	14	100	07.03-	113931	12	1.7
		07.03-	113337#	14	90	02.02- 01.04	113297		
	[182B9.000]	10.01-	113943	14	100	10.01-	113430	12	1.8
		10.01-	113337#	14	90	10.01-	113931	12	1.7
	[223B2.000]	10.01-	113943	14	100	10.01-	113931	12	1.7
	[182B9.000]	10.01-	112386						
		AC 10.01-	112386						
		AC 10.01-	113337#	14	90				
Doblo 2.0 Multijet	[263A1.000]	02.10-	114493	14	100				
		02.10-	114493	14	100				
Ducato 1.8	[169B]					01.82- 12.90	110793	12	0.9
	[169B]					01.82- 12.90	111066	12	1.05
						07.82- 12.88	111066	12	1.05
Ducato 1.9 Diesel	[230A2.000]	03.94- 04.02	111802	14	75	03.94- 04.02	111421	12	2.2
	[DJY]	04.98-	112298	14	80	04.98- 04.02	111070	12	1.7
	[149B1.000]	01.88- 03.94	110912	14	55	01.88- 03.94	111421	12	2.2
	[230A2.000]	AC 03.94- 04.02	112022#	14	100				
	[D9B]					04.98- 04.02	111070	12	1.7
	[DJY]	04.98-	112230	14	90				
Ducato 1.9 Diesel Combinato	[230A2.000]	06.95-	111802	14	75	06.95-	111421	12	2.2
		AC 06.95-	112022#	14	100				
Ducato 1.9 Diesel Panorama	[149B1.000]	02.87- 03.94	110912	14	55	02.87- 03.94	111421	12	2.2
	[149B1.000]	02.87- 08.90	110890	14	55				
		02.87- 08.90	111686	14	65				
		07.90- 03.94	111418	14	55				
Ducato 1.9 TD	[230A3.000]	AC 03.94-	112022#	14	100	03.94-	111421	12	2.2
	[230A4.000]	08.94-	111802	14	75	08.94-	111421	12	2.2
	[DHX (XUD9TF/L)]	04.98-	112298	14	80	04.98- 04.02	114460	12	1.4
	[DHX (XUD9TF/L)]	04.98-	111723	14	70	04.98-	111070	12	1.7
	[280A1.000]	03.89- 03.94	110912	14	55	03.89- 03.94	111421	12	2.2
	[230A3.000]	03.94-	111802	14	75				
	[230A4.000]	AC 08.94-	112022#	14	100				
	[280A1.000]	03.89- 03.94	110890	14	55				
		03.89- 03.94	111418	14	55				
		03.89- 03.94	111686	14	65				
		01.90- 01.94	113187	14	85				
	[DHX (XUD9TF/L)]	04.98-	112230	14	90				
Ducato 1.9 TD Panorama	[280A1.000]	01.90- 03.94	113187	14	85	03.89- 03.94	111421	12	2.2
	[280A1.000]	03.89- 03.94	110890	14	55				
		03.89- 08.90	110912	14	55				
		03.89- 03.94	111686	14	65				
		07.90- 03.94	111418	14	55				
Ducato 2.0	[RFW (XU10J2U)]	03.94-	112298	14	80	03.94- 03.95	111130	12	1.1
		AC 03.94- 04.02	112772	14	120	A13 03.94- 04.02	113443	12	1.4
	[170B]					07.85- 02.94	111066	12	1.05
	[XN1T]					01.82- 02.94	111066	12	1.05
	[170D]					08.88- 03.94	111066	12	1.05
	[RFL]	04.02-	112298	14	80	04.02-	111130	12	1.1
		04.02-	112299	14	95	04.02-	113443	12	1.4
		04.02-	112772	14	120				
	[RFW (XU10J2U)]	03.94-	112299	14	95				
		AC 06.98-	112299	14	95				
Ducato 2.0 4x4	[RFW (XU10J2U)]	06.98-	112298	14	80	03.94- 03.00	111130	12	1.1
		AC 06.98-	112299	14	95	A13 07.99- 04.02	113443	12	1.4
	[RFW (XU10J2U)]	AC 06.98-	112772	14	120				
Ducato 2.0 Panorama	[170B]					01.86- 08.90	111066	12	1.05
	[XN1T]					07.82- 05.85	111066	12	1.05
	[170D]					09.88- 02.94	111066	12	1.05
Ducato 2.0 BioPower Bipower	[RFL]	04.02-	112772	14	120	04.02-	113443	12	1.4
						04.02-	111130	12	1.1
Ducato 2.0 JTD	[RHV (DW10UTD)]	10.01- 04.02	113946	14	90	10.01- 04.02	114460	12	1.4
	[RHV (DW10UTD)]	10.01- 04.02	113640	14	150				
		10.01-	112461	14	150				
		10.01-	112480	14	90				
		04.02-	112460	14	150				
		AC 10.01-	113503	14	120				
		AC 10.01- 04.02	113640	14	150				
Ducato 2.0 Multijet 115	[250A1.000]	06.11-	114493	14	100				
Ducato 2.2 JTD Multijet	[4HV]	07.06-	113958	14	150	07.06-	113959	12	2.0
Ducato 2.3 JTD	[F1AE0481C]	04.02-	113279	14	110	04.02-	112436	12	2.3
						04.02-	113935	12	2.5
Ducato 2.3 JTD Multijet	[F1AE0481D]	07.06-	114306	14	180				
Ducato 2.3 Multijet	[F1AE0481D]	03.10-	114306	14	180	03.06-	114054	12	2.5
	[F1AE0481D]	03.06-	113279	14	110				
	[F1AE0481N]	01.07-	114306	14	180				
	[F1AE3481D]	01.07-	114306	14	180				
Ducato 2.3 Multijet 150	[F1AE3481E]	06.11-	114306	14	180				







Application list

FIAT Continued

Florino 1.7 Diesel	[146B2.000]	05.88- 12.97	112719	14	55		05.88- 12.97	111619	12	1.7
	[149B3.000]	12.87- 12.91	110912	14	55		12.87- 10.91	111619	12	1.7
		12.87- 12.93	112719	14	55		12.87- 02.92	110836#	12	1.6
	[146B2.000]						09.93- 12.01	113752	12	1.8
Florino 1.7 TD	[149B2.000]	01.88-	112719	14	55		05.88- 10.91	110836#	12	1.6
	[146D7.000]	01.97-	110912	14	55	▲	01.88- 10.91	110836#	12	1.6
	[146D7.000]						01.97- 05.01	111619	12	1.7
	[199A.4000]	10.05-	113718	14	70		01.97- 05.01	113752	12	1.8
Grande Punto 1.2	[169A4.000]	09.10-	114462	14	70					
	[199A.4000]	10.05-	114462	14	70		10.05-	113962	12	0.9
	[199A.4000]									
Grande Punto 1.2 Multijet	[199A2.000]					04.08-	113719	12	1.3	
Grande Punto 1.3 Diesel Multijet	[199A2.000]	10.05-	113722	14	90		10.05-	113719	12	1.3
	[199A3.000]	10.05-	113722	14	90		10.05-	113719	12	1.3
	[199A2.000]	10.05-	113720	14	75					
	[199A2.000]	10.05-	113721	14	75					
Grande Punto 1.4	[199A3.000]	10.05-	113720	14	75					
	[199A3.000]	10.05-	113721	14	75					
	[350A1.000]	10.05-	114462	14	70		10.05-	113962	12	0.9
Grande Punto 1.4 Abarth	[350A1.000]	10.05-	113718	14	70					
	[199A8.000]						12.07-	113962	12	0.9
Grande Punto 1.4 16V	[199A6.000]	10.05-	114462	14	70					
	[955A6.000]						10.09-	113962	12	0.9
Grande Punto 1.4 T-Jet	[198A4.000]	09.07-	114462	14	70		09.07-	113962	12	0.9
Grande Punto 1.4 Natural Power	[350A1.000]	07.08-	114462	14	70					
Grande Punto 1.4 LPG	[350A1.000]	12.08-	114462	14	70		12.08-	113962	12	0.9
Grande Punto 1.4 LPG	[350A1.000]	03.09-	114462	14	70		03.09-	113962	12	0.9
Grande Punto 1.6 Multijet	[350A1.000]	03.09-	113718	14	70					
	[955A3.000]	07.08-	114493	14	100		07.08-	113931	12	1.7
	[955A3.000]	07.08-	113996	14	140					
Grande Punto 1.9 Diesel Multijet	[199A5.000]	10.05-	114204	14	120		10.05-	113931	12	1.7
	[939A1.000]	10.05-	114204	14	120		10.05-	113931	12	1.7
	[199A5.000]						10.05-	113430	12	1.8
	[939A1.000]						10.05-	113430	12	1.8
Grande Punto 1.9 Multijet	[939A7.000]	06.06-	114493	14	100		06.06-	113931	12	1.7
	[188A5.000]	AC 01.04-	113535	14	85		01.04-	113962	12	0.9
Idea 1.3 Diesel Multijet	[199A3.000]	10.05-	113722	14	90		10.05-	113719	12	1.3
	[199A3.000]	10.05-	113721	14	75					
Idea 1.3 JTD	[188A9.000]	01.04-	113721	14	75		01.04-	113719	12	1.3
		01.04-	113722	14	90					
Idea 1.4	[192B2.000]	12.03-	114462	14	70		12.03-	113962	12	0.9
	[350A1.000]	10.05-	113718	14	70		10.05-	113962	12	0.9
		10.05-	114462	14	70					
Idea 1.4 16V	[843A1.000]	01.04-	114462	14	70		01.04-	113962	12	0.9
Idea 1.4 LPG		AC 01.04-	113535	14	85					
	[350A1.000]	03.09-	114462	14	70					
Idea 1.6 Multijet	[350A2.000]	05.08-	114493	14	100		05.08-	113931	12	1.7
Idea 1.9 JTD	[188B2.000]	01.04-	112386	14	100		01.04-	113931	12	1.7
		01.04-	113336	14	120		01.04-	113297		
		01.04-	113943	14	100					
Linea 1.3 Multijet	[199A3.000]	06.07-	113721	14	75		06.07-	113843	12	1.1
		06.07-	113722	14	90					
Linea 1.4	[350A1.000]	06.07-	114462	14	70		06.07-	113962	12	0.9
Linea 1.4 T-Jet	[198A4.000]						09.07-	113962	12	0.9
Linea 1.6 Multijet	[198A3.000]	06.09-	113996	14	140		06.09-	113931	12	1.7
	[198A3.000]	06.09-	114493	14	100					
Marea 1.2 16V	[182B2.000]	10.98-	113684	14	90		10.98-	111422	12	0.8
Marea 1.4 i 16V	[182A3.000]	09.96-	111413	14	90		09.96-	111420	12	0.9
	[182A3.000]	09.96-	111725#	14	75					
Marea 1.6 16V Bipower	[185A3.000]	04.99-	113263#	14	105		11.99- 09.02	112445	12	1.1
		AC 04.99-	112190	14	90		04.99-	112124	12	0.9
	[186A4.000]						04.99-	112445	12	1.1
Marea 1.6 16V	[185A3.000]	04.97- 02.99	111688	14	85		04.97- 02.99	112383		
	[185A3.000]	04.97- 02.99	111689	14	90					
Marea 1.6 i 16V	[182A4.000]	09.96- 02.99	111689	14	90		09.96-	112124	12	0.9
		AC 09.96- 02.99	111688	14	85		A13 09.96-	112383		
		AC 03.99-	112190	14	90		AT 09.96-	112445	12	1.1
	[182A4.000]	03.99-	112190	14	90					
Marea 1.8 i 16V	[182A2.000]	09.96-	113939	14	100		09.96-	111685	12	1.4
	[182A2.000]	09.96-	111625	14	100					
		09.96- 12.02	113667	14	90					
Marea 1.9 JTD	[182B4.000]	02.99-	112386	14	100		04.99-	112027		
		04.99- 01.01	113943	14	100		04.99-	113430	12	1.8
	[186A6.000]	AC 01.01-	113336	14	120		01.01-	113430	12	1.8
	[182B4.000]	04.99-	111409	14	100					
		04.99- 01.01	113942	14	100					
	[186A6.000]	01.01-	111409	14	100					
Marea 1.9 TD	[182A7.000]	09.96-	113939	14	100		09.96-	112027		
		AC 09.96-	111625	14	100		09.96-	113430	12	1.8
	[182A8.000]	09.96-	113939	14	100		09.96-	113430	12	1.8
Marea 1.9 TDi	[182A7.000]	09.96-	111625	14	100		09.96-	112027		
		AC 09.96-	111625	14	100		09.96-	113430	12	1.8
Marea 2.0 20V	[182A1.000]	09.96-	111582#	14	85		09.96-	111685	12	1.4
	[182B7.000]	04.99-	111582#	14	85		04.99-	111685	12	1.4
	[185A8.000]	01.01-	111582#	14	85		01.01-	111685	12	1.4
	[182A1.000]	PS 09.96-	111582#	14	85					
Marea 2.0 i 20V	[182A1.000]	09.96-	111582#	14	85		09.96-	111685	12	1.4
	[182B7.000]	04.99-	111582#	14	85		04.99-	111685	12	1.4
Marea 2.4 JTD	[185A6.000]						03.99-	113430	12	1.8
	[839A5.000]	04.99-	111625	14	100		04.99-	112027		
Marea 2.4 TD	[185A2.000]	AC 09.96-	111409	14	100		09.96-	112027		
	[185A2.000]	09.96- 04.99	113942	14	100					
		09.96-	111725#	14	75					
Marengo 1.9 Diesel	[160A7.000]	02.90- 12.96	112771	14	90		10.91- 12.96	112125	12	2.2
		10.90- 12.96	113187	14	85		02.90- 12.96	111423#	12	2.2
Marengo 1.9 JTD	[182B4.000]	03.99- 09.02	111625	14	100		03.99- 09.02	113430	12	1.8
	[186A6.000]	08.00- 09.02	112386	14	100		08.00- 09.02	113430	12	1.8
		08.00- 09.02	113943	14	100					
Marengo 1.9 TD		AC 08.00- 09.02	113336	14	120					
	[160A6.000]	02.90- 12.96	112771	14	90		02.90- 12.96	112125	12	2.2
	[182A7.000]	AC 01.97- 02.99	111625	14	100		01.97- 02.99	113430	12	1.8
Multipla 1.6 16V Bipower	[182A8.000]	03.99- 09.02	113667	14	90		03.99- 09.02	113430	12	1.8
	[186A4.000]	04.99-	112190	14	90		04.99-	112445	12	1.1
Multipla 1.6 16V		AC 04.99-	112190	14	90		04.99-	112383		
	[186A4.000]	04.99-	113263#	14	105					
	[182A4.000]	04.99-	112190	14	90		04.99-	112383		
	[182A4.000]	04.99-	113263#	14	105		04.99-	112445	12	1.1
	[182A4.000]	AC 04.99-	112190	14	90					





Application list

**FIAT Continued**

Panda 1.4	[169A3.000]				10.06-	113962	12	0.9
Panda 1.4 BiFuel Natural Power		01.10-	113718	14	70			
Penny Van 1.1	[146A6.000]	01.86- 12.90	111035	14	65	01.86- 12.90	111118	12 0.9
Penny Van 1.3	[146A5.000]	01.86- 12.90	111035	14	65	01.86- 12.90	111118	12 0.9
Penny Van 1.7 Diesel	[149B3.000]	01.86- 12.90	110912	14	55	01.86- 12.90	111619	12 1.7
Premio 1.3						03.85- 06.92	111118	12 0.9
Punto 1.1	[176B2.000]	04.96-	111411	14	75	04.96-	111422	12 0.8
	[176B2.000]	PS 04.96-	113537	14	65			
		ACPS 04.96-	111505	14	75			
Punto 1.1 i.e.	[176A6.000]	01.94-	111411	14	75	01.94-	111422	12 0.8
	[176B2.000]	01.95-	111411	14	75	01.95-	111422	12 0.8
	[176A6.000]	PS 01.94-	113537	14	65			
		ACPS 01.94-	111505	14	75			
	[176B2.000]	PS 01.95-	113537	14	65			
		ACPS 01.95-	111505	14	75			
Punto 1.2	[176A7.000]	ACPS 01.94-	111505	14	75	07.99-	112382	12 0.8
	[176A8.000]	01.94-	111411	14	75	07.99-	112382	12 0.8
		ACPS 01.94-	111505	14	75	11.93-	111422	12 0.8
	[188A4.000]	09.99- 04.02	111411	14	75	09.99-	112382	12 0.8
	[176A7.000]	01.94-	111411	14	75	01.94-	111422	12 0.8
	[176B1.000]	03.94-	111411	14	75	03.94-	111422	12 0.8
	[176B4.000]	05.95-	111411	14	75	05.95-	111422	12 0.8
	[188A4.000]	AC 09.99-	113535	14	85	09.99-	111422	12 0.8
	[176A7.000]	PS 01.94-	113537	14	65			
	[176A8.000]	PS 01.94-	113537	14	65			
	[176B1.000]	PS 03.94-	113537	14	65			
		ACPS 03.94-	111505	14	75			
	[176B4.000]	PS 05.95-	113537	14	65			
		ACPS 05.95-	111505	14	75			
	[188A4.000]	09.99-	113718	14	70			
Punto 1.2 16V	[188A5.000]	09.99-	113718	14	70	09.99-	112382	12 0.8
	[176B9.000]	04.97- 09.99	113684	14	90	04.97-	111422	12 0.8
	[176B9.000]	04.97- 06.00	111411	14	75			
	[188A5.000]	09.99-	113335	14	60			
		AC 09.99-	113535	14	85			
Punto 1.2 Natural Power	[188A4.000]	AC 09.03-	113535	14	85	09.03- 02.05	112382	12 0.8
	[188A4.000]	09.03-	113718	14	70			
Punto 1.3 JTD	[188A9.000]	06.03-	113720	14	75	06.03-	113719	12 1.3
		06.03-	113721	14	75			
		06.03- 10.05	113722	14	90			
Punto 1.4	[843A1.000]	09.03-	113718	14	70	09.03-	113962	12 0.9
Punto 1.4 Turbo GT	[176A4.000]	AC 01.94-	112780	14	90	01.94-	112122	12 0.9
	[176B6.000]	AC 09.96-	112780	14	90	09.96-	112124	12 0.9
	[176A4.000]					01.94-	112124	12 0.9
	[176B6.000]	09.96- 09.99	111411	14	75			
Punto 1.6	[176A9.000]					01.94- 04.97	111630#	12 0.9
Punto 1.7 Diesel	[176B3.000]	01.93-	111416	14	65	08.93- 09.97	113752	12 1.8
	[176B3.000]					04.94- 02.00	111619	12 1.7
Punto 1.7 TD	[176A3.000]	01.94-	111416	14	65	08.93- 04.97	113752	12 1.8
		AC 01.94-	111568	14	85	01.94-	111619	12 1.7
	[176B7.000]	09.96-	111416	14	65	05.97- 08.99	113752	12 1.8
		AC 09.96-	111568	14	85	09.96- 09.99	111619	12 1.7
	[176A5.000]	AC 01.94-	111568	14	85	08.93- 08.99	113752	12 1.8
	[176A5.000]	01.94-	111416	14	65	01.94- 02.00	111619	12 1.7
Punto 1.8 HGT	[183A1.000]	09.99-	113942	14	100	09.99-	111685	12 1.4
	[188A6.000]	09.99-	113942	14	100	09.99-	111685	12 1.4
	[183A1.000]	09.99-	111409	14	100			
Punto 1.9 Diesel	[188A3.000]	02.00-	113943	14	100	09.99-	112379	12 1.8 MA
		09.99-	111413	14	90	09.99-	114321	12 2.0 BO
	[188A3.000]	09.99-	113336	14	120			
		09.99-	113939	14	100			
		09.99-	113337#	14	90			
		AC						
Punto 1.9 JTD	[188B2.000]	06.03-	112386			06.03-	113297	
		06.03-	113943	14	100	06.03-	113931	12 1.7
	[188A2.000]	09.99-	111409	14	100	09.99-	113430	12 1.8
	[188A7.000]	02.00-	113943	14	100	Eng. -0413488 06.01-	113430	12 1.8
	[188A2.000]	09.99-	113942	14	100			
		09.99-	113943	14	100			
		09.99-	113337#	14	90			
		AC 09.99-	112386					
	[188A7.000]	02.00-	112386					
		10.01-	113337#	14	90			
Punto Evo 1.2	[199A.4000]	10.09-	114462	14	70	10.09-	113962	12 0.9
	[199A4.000]	10.09-	114462	14	70	10.09-	113962	12 0.9
	[199A.4000]	10.09-	113718	14	70			
Punto Evo 1.3 Multijet	[199A2.000]	10.09-	113722	14	90			
	[199A2.000,199A9.000]	03.09-	113721	14	75	03.09-	113719	12 1.3
		03.09-	113722	14	90			
		03.09-	114451	14	105			
	[199A3.000]	10.09-	113722	14	90			
	[199A9.000]	10.09-	113722	14	90			
Punto Evo 1.4	[350A1.000]	03.09-	114462	14	70	03.09-	113962	12 0.9
	[199A7.000]	07.09-	114462	14	70			
Punto Evo 1.4 16V	[955A2.000]					10.09-	113962	12 0.9
	[955A6.000]					10.09-	113962	12 0.9
Punto Evo 1.4 Natural Power	[350A1.000]	10.09-	114462	14	70			
Punto Evo 1.4 LPG	[350A1.000]	06.09-	114462	14	70			
Punto Evo 1.6 Multijet	[955A3.000]	10.09-	114493	14	100			
Qubo 1.4 Natural Power						01.10-	113962	12 0.9
Regata 1.3	[138B2.000]	09.83- 07.86	111148	14	65	09.83- 12.87	110338	12 0.8
	[138B2.000]	09.83- 07.86	111035	14	65			
Regata 1.3 ES	[149A3.000]	09.83- 07.89	111035	14	65	09.83- 07.89	110338	12 0.8
		09.83- 07.89	111148	14	65	09.83- 07.89	112289	12 0.8
	[149A7.000]	09.83- 07.89	111035	14	65	09.83- 07.89	110338	12 0.8
		09.83- 07.89	111148	14	65	09.83- 07.89	112289	12 0.8
Regata 1.5	[149A5.000]	09.83- 08.88	111035	14	65	05.85- 12.87	112289	12 0.8
	[138B3.000]	09.83- 08.88	111035	14	65	09.83- 04.85	112289	12 0.8
		09.83- 08.88	111148	14	65			
	[138C2.048]	12.86- 07.89	111148	14	65	12.86- 07.89	112289	12 0.8
	[149A5.000]	09.83- 08.88	111148	14	65			
Regata 1.5 Super	[138B3.000]	09.83- 08.88	111035	14	65	09.83- 04.85	112289	12 0.8
	[138B3.000]	09.83- 08.88	111148	14	65			
Regata 1.5 i.e.	[138C2.048]	07.85- 04.87	111035	14	65	07.85- 04.87	112289	12 0.8
	[149C1.000]	05.87- 06.90	111148	14	65	05.87- 06.90	112289	12 0.8
	[138B3.048]	04.85- 07.89	111035	14	65	04.85- 07.89	112289	12 0.8
	[138C3.048]	09.83- 03.85	111148	14	65	09.83- 03.85	112289	12 0.8
	[138B3.048]	04.85- 07.89	111148	14	65			
	[138C2.048]	07.85- 04.87	111148	14	65			
	[138C3.048]	09.83- 03.85	111035	14	65			
	[149C1.000]	05.87- 06.90	111035	14	65			





Regata 1.6	[149A.000]	10.83- 06.91	111148	14	65	10.83- 06.91	112289	12	0.8
	[149A2.000]	AC				10.83- 11.84	111106	12	1.0
	[149A4.000]					09.84- 12.86	112289	12	0.8
	[149A.000]	10.83- 06.91	111035	14	65				
	[149A2.000]	10.83- 05.89	110912	14	55				
	[149A4.000]	AC 10.83- 11.84	111620	14	65				
Regata 1.6 Super		12.84- 05.86	110912	14	55				
Regata 1.6 i.e.	[149C2.000]	01.87- 07.89	110912	14	55				
	[149C3.000]								
Regata 1.7 Diesel	[138B6.000]	09.83- 04.85	110912	14	55	09.83- 04.85	110836#	12	1.6
	[149B3.000]	01.84- 12.89	110912	14	55	01.84- 12.89	111619	12	1.7
Regata 1.9 Diesel	[149A1.000]	04.84- 07.89	110912	14	55	04.84- 07.89	111423#	12	2.2
		04.84- 07.89	111620	14	65	04.84- 07.89	111645	12	0.4
Regata 1.9 TD	[831D1.000]	04.84- 07.89	111654	14	65	05.86- 07.89	111645	12	0.4
						11.88- 07.89	112125	12	2.2
Ritmo 1.0	[831D1.000]					05.86- 07.89	110814	12	2.7
	[127A6.000]	09.78- 09.82	111035	14	65	01.79- 09.82	110827	12	0.8
Ritmo 1.1	[138B.000]	01.79- 09.82	110612	14	43				
		02.83- 10.85	110612	14	43	02.83- 10.85	110338	12	0.8
Ritmo 1.3	[138B1.000]	02.83- 10.85	110335	14	65				
		02.83- 10.85	110612	14	43	02.83- 10.85	110338	12	0.8
		02.83- 10.85	110335	14	65				
	[146A4.048]	04.85- 12.87	111035	14	65	04.85- 12.87	110338	12	0.8
	[149A3.000]	11.83- 08.85	111035	14	65	11.83- 08.85	110338	12	0.8
	[149A7.000]	11.83- 08.85	111035	14	65	11.83- 08.85	110338	12	0.8
Ritmo 1.3 Bertone	[138A1.000]	01.78- 09.82	110612	14	43	01.78- 09.82	110338	12	0.8
	[138A3.000]	01.81- 09.82	110612	14	43	01.81- 09.82	112289	12	0.8
		01.81- 09.82	111035	14	65				
		01.81- 09.82	111148	14	65				
	[138B2.000]	01.83- 04.85	110612	14	43	01.83- 04.85	110338	12	0.8
		10.85- 12.87	111035	14	65	10.85- 12.87	110338	12	0.8
Ritmo 1.5	[138A2.000]	09.85- 12.88	111148	14	65	01.78- 10.82	110825#	12	0.9
	[138C2.048]	09.85- 12.88	111035	14	65	09.85- 12.88	110338	12	0.8
		09.85- 12.88	111148	14	65	09.85- 12.88	112289	12	0.8
	[149A5.000]	08.85- 05.87	111148	14	65	08.85- 05.87	112289	12	0.8
	[149C1.000]	05.87- 12.88	110612	14	43	05.87- 12.88	112289	12	0.8
		05.87- 12.88	111148	14	65	05.87- 12.88	110338	12	0.8
						09.85- 12.87	110338	12	0.8
						01.78- 10.82	112289	12	0.8
	[138A4.000]	01.81- 09.82	110612	14	43	01.81- 09.82	112289	12	0.8
	[138B3.000]	01.83- 12.87	110612	14	43	01.83- 12.87	112289	12	0.8
Ritmo 1.5 Bertone	[138A2.000]	01.83- 12.87	111035	14	65				
	[138C2.048]	01.83- 12.87	111035	14	65				
		01.83- 12.87	111148	14	65				
	[138C2.048]	09.85- 12.88	110612	14	43				
	[138C3.048]					01.78- 10.82	112289	12	0.8
						01.78- 10.82	110825#	12	0.9
	[149A5.000]	08.85- 05.87	111035	14	65				
	[149C1.000]	05.87- 12.88	111035	14	65				
	[138A4.000]	01.80- 07.89	110612	14	43	01.80- 07.89	112289	12	0.8
	[138B3.000]	01.80- 07.89	111035	14	65				
Ritmo 1.5 i.e.	[138AR.000]	01.80- 07.89	111148	14	65	01.80- 07.89	112289	12	0.8
		01.80- 07.89	110612	14	43				
	[138B3.000]	01.80- 07.89	111148	14	65	01.80- 07.89	112289	12	0.8
		01.80- 07.89	110612	14	43				
		01.80- 07.89	111035	14	65				
		01.80- 07.89	111148	14	65				
Ritmo 1.6	[138AR.000]	09.86- 11.86	110912	14	55	05.87- 12.87	112289	12	0.8
	[138C2.048]					09.86- 11.86	111106	12	1.0
	[149C1.000]	10.85- 10.87	110612	14	43	10.85- 10.87	112289	12	0.8
		10.85- 10.87	111035	14	65				
		10.85- 10.87	111148	14	65				
Ritmo 1.6 Bertone	[149A4.000]	05.87- 12.88	111148	14	65	05.87- 12.88	112289	12	0.8
	[138AR.000]	01.83- 12.87	110912	14	55	01.83- 12.87	111106	12	1.0
Ritmo 1.6 Sport	[138AR.000]	AC 01.83- 12.87	111620	14	65	01.83- 04.85	111106	12	1.0
	[138AR.048]	AC				10.85- 12.87	112289	12	0.8
Ritmo 1.7 Diesel	[138A5.000]	AC				10.85- 12.87	112289	12	0.8
	[138B6.000]	05.81- 12.82	110912	14	55	05.81- 12.82	111106	12	1.0
Ritmo 1.7 Diesel	[138B6.000]	10.79- 09.82	110912	14	55	10.79- 09.82	110836#	12	1.6
	[138C.000]	01.83- 10.85	110912	14	55	01.83- 10.85	110836#	12	1.6
		05.85- 12.87	110912	14	55	05.85- 08.87	110836#	12	1.6
	[149B3.000]	05.85- 12.87	110912	14	55	09.87- 12.87	111619	12	1.7
Ritmo 1.9 TD					05.85- 08.87	110836#	12	1.6	
Ritmo 2.0 TC Abarth	[831D1.000]	12.85- 12.87	111654	14	65	12.85- 12.87	111645	12	0.4
Scudo 1.6	[138AR1.000]	09.80- 09.88	110912	14	55	09.80- 09.88	111106	12	1.0
	[138AR2.000]	04.83- 12.87	111620	14	65	04.83- 12.87	111106	12	1.0
Scudo 1.6 Diesel Multijet	[220A2.000]	AC 02.96-	111568	14	85	02.96-	112124	12	0.9
	[220A2.000]								
Scudo 1.9 Diesel	[DV6UTED4]	01.07-	113640	14	150	01.07-	113254	12	1.1
	[WJZ (DW8)]	04.98-	112480	14	90	04.98-	114460	12	1.4
		06.98- 08.01	113603	14	80	04.98-	111070	12	1.7
	[D9B]	PS 02.96-	111893	14	70	02.96-	111070	12	1.7
	[D9B]	ACPS 10.95- 05.00	113485	14	80	02.96- 04.98	114460	12	1.4
	[D9B]	02.96-	112292	14	70				
	[WJZ (DW8)]	04.98-	112058	14	70				
	[WJZ (DW8)]	04.98-	112058	14	70	04.98-	114460	12	1.4
		06.98- 08.01	113603	14	80	04.98-	111070	12	1.7
		04.98-	112480	14	90				
Scudo 1.9 TD	[D8B]	02.95-	112292	14	70	02.96-	111070	12	1.7
		PS 02.95-	111893	14	70	02.96-	114460	12	1.4
	[D8B]	ACPS 10.95- 05.00	113485	14	80				
	[DHX (XUD9TF/L)]	02.96-	112292	14	70	02.96-	114460	12	1.4
Scudo 1.9 TD Eco		PS 02.96-	111893	14	70	02.96-	111070	12	1.7
		ACPS 02.96-	113485	14	80				
	[DHX (XUD9TF/L)]	02.95-	112292	14	70	02.96-	114460	12	1.4
		PS 02.95-	111893	14	70	02.95-	111070	12	1.7
Scudo 2.0	[RFN]	05.00-	113503	14	120	09.02-	112347		
	[RFN]	06.04-	112460	14	150				
Scudo 2.0 16V Combinato		06.04-	112480	14	90				
	[RFN (EW10J4)]	06.04- 01.07	113603	14	80	06.00-	112347		
	[RFN (EW10J4)]	06.00-	112460	14	150				
Scudo 2.0 Multijet		06.00-	112480	14	90				
Scudo 2.0 Multijet 4x4	[RFH(EW10A)]	03.07-	113640	14	150	03.07-	113926	12	1.9
Scudo 2.0 Diesel Multijet	[RFH(EW10A)]	03.07-	113640	14	150	03.07-	113926	12	1.9
	[DW10BTED4]	01.07-	113640	14	150	01.07-	113926	12	1.9
	[DW10UTED4]	01.07-	113640	14	150	01.07-	113926	12	1.9
	[RHK (DW10UTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9
	[RHR (DW10BTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9
	[RHX (DW10BTED)]	12.99-	112480	14	90	12.99-	111070	12	1.7
Scudo 2.0 JTD	[RHZ]	06.04-	112460	14	150	12.02-	114460	12	1.4
	[RHX (DW10BTED)]	AC 12.99-	112460	14	150				
	[RHZ]					12.02-	111070	12	1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FIAT Continued

Scudo 2.0 JTD Combinato	[RHZ (DW10ATED)]	AC 10.99-	112460	14	150		12.99-	111070	12	1.7	
	[RHX]						01.04-	111070	12	1.7	
Scudo 2.0 Multijet	[RHZ (DW10ATED)]	12.99-	112480	14	90						
	[RHO2]	04.11-	113640	14	150		04.11-	113926	12	1.9	
Scudo 2.0 Multijet 4x4	[RHK]	01.07-	113640	14	150		01.07-	113926	12	1.9	
Sedici 1.9 Diesel Multijet	[D19AA]	06.06-	113996	14	140						
Seicento 0.9	[1170A1.046]	01.98-	111687	14	55		01.98-	111585	12	0.8	
	[176B2.000]	01.98-	111411	14	75		01.98-	111422	12	0.8	
		01.98-	113471	14	65		01.98-	114123	12	0.8	
	[187A1.000]	01.98-	111411	14	75		01.98-	114123	12	0.8	
		01.98-	113533	14	65		01.98-	112382	12	0.8	
	[176B2.000]	01.98-	113533	14	65						
	[187A1.000]						01.98-	111422	12	0.8	
Siena 1.2	[178B5.000]	09.98-	111411	14	75		09.98-	114123	12	0.8	
		09.98-	111689	14	90		05.99-	111422	12	0.8	
[188A5.000]						09.01-	114123	12	0.8		
Siena 1.4	[350A1.000]	01.07-	114462	14	70		01.07-	113962	12	0.9	
							04.96-	112124	12	0.9	
[178B2.000]						04.96-	112124	12	0.9		
[178B2.016]						04.96-	112124	12	0.9		
Siena 1.6 16V	[178B3.000]	09.98-	111411	14	75		09.98-	112124	12	0.9	
		08.97-	112190	14	90						
		09.98-	111689	14	90						
[178B3.000]		AC 11.99-	112190	14	90						
Stilo 1.2 16V	[188A5.000]	AC 04.03-	113535	14	85		02.02-	113962	12	0.9	
	[192B2.000]	03.05-	114462	14	70		03.05-	113962	12	0.9	
Stilo 1.4 16V	[843A1.000]	01.04-	114462	14	70		01.04-	113962	12	0.9	
Stilo 1.6 16V	[182B6.000]						10.01-	114035	12	1.3	
							10.01-	112445	12	1.1	
Stilo 1.8 16V	[192A4.000]	A13 10.01-	113263#	14	105		10.01-	111685	12	1.4	
	[192A4.000]	AC 10.01-	113336	14	120						
Stilo 1.9 Diesel	[192B5.000]	09.04-	113943	14	100		09.04-	113931	12	1.7	
Stilo 1.9 Diesel Multijet	[192A9.000]	09.05-	112386	14	100		Chas. -0100367 09.05-	113430	12	1.8	
		09.05-	113943	14	100		Chas. 0100368- 09.05-	113297			
		09.05-	113337#	14	90		09.05-	113931	12	1.7	
		09.05-	113943	14	100						
[192A8.000]		09.05-	113943	14	100						
[937A5.000]		09.05-	114204	14	120						
Stilo 1.9 JTD	[192A5.000]	01.04-	114204	14	120		01.04-	113430	12	1.8	
		09.04-	113943	14	100		09.04-	113931	12	1.7	
	[192B5.000]		10.01-	113987	14	140		10.01-	113297		
	[192A1.000]		AC 01.03-	112386	14	100		10.01-	113931	12	1.7
	[192A1.000]		10.01-	113943	14	100		10.01-	113430	12	1.8
	[192A3.000]		10.01-	112386	14	100		10.01-	113297		
			02.02-	113943	14	100		02.02-	113931	12	1.7
	[192A1.000]		AC 02.02-	113336	14	120		10.01-	113430	12	1.8
			10.01-	112386	14	120					
			01.03-	113336	14	120					
			01.03-	113337#	14	90					
	[192A3.000]		AC 10.01-	113336	14	120					
[192A3.000]		AC 01.03-	112386								
[192B1.000]		01.04-	112386								
		04.04-	113943	14	100						
[192B5.000]		09.04-	112386								
		09.04-	113337#	14	90						
[937A4.000]		09.03-	114204	14	120						
[937A7.000]		10.01-	113943	14	100		01.03-	113430	12	1.8	
		10.01-	113987	14	140		01.03-	113931	12	1.7	
							01.03-	113297			
Stilo 2.4 20V	[192A2.000]	AC 10.01-	113336	14	120		10.01-	111685	12	1.4	
Strada 1.2	[178B5.000]	06.99- 04.02	111411	14	75		06.99-	114123	12	0.8	
		ACPS 06.99-	111505	14	75						
	[188A4.000]	04.03-	113684	14	90						
		04.03-	113718	14	70						
Strada 1.3 Diesel Multijet	[223A9.000]	05.06-	113722	14	90		05.06-	114123	12	0.8	
	[223A9.000]	05.06-	113721	14	75						
Strada 1.7 TD	[176A3.000]	06.99-	111416	14	65		06.99-	111619	12	1.7	
							07.05-	113752	12	1.8	
Strada 1.9 Diesel	[223A6.000]	AC 03.99-	111568	14	85						
		11.00-	113338	14	65		12.00-	114321	12	2.0	
		12.00-	113943	14	100		11.00- 03.03	112379	12	1.8	
		11.00- 03.03	111413	14	90						
		AC 11.00- 03.03	113337#	14	90						
Strada 1.9 JTD	[188A2.000]	04.03-	113338	14	65		04.03-	113430	12	1.8	
		AC 04.03-	113337#	14	90		04.03-	113297			
Talento 1.9 Diesel	[149B1.000]	03.88- 03.94	110912	14	55		03.89- 03.94	111421	12	2.2	
Talento 2.0	[170B]						03.89- 03.94	111066	12	1.05	
Tempra 1.4 i.e.	[159A2.000]	02.90- 12.96	111035	14	65		02.90- 12.96	112122	12	0.9	
		AC 02.90- 12.96	112780	14	90		02.90- 12.96	112289	12	0.8	
	[160A1.046]		02.90- 08.96	113473#	14	65		03.92- 08.96	111228	12	1.1
	[836A4.000]		03.92- 08.96	113473#	14	65		03.95- 08.96	111228	12	1.1
	[159A2.000]		02.90- 12.96	111148	14	65					
	[160A1.046]		02.90- 08.96	113472	14	65					
			ACPS 03.92- 08.96	112780	14	90					
			AC 03.92- 08.96	112780	14	90					
	[836A4.000]		03.95- 08.96	113472	14	65					
			ACPS 03.95- 08.96	112780	14	90					
			AC 03.95- 08.96	112780	14	90					
	Tempra 1.6	[159A3.000]	ACPS 02.90- 04.93	112780	14	90		02.90- 04.93	111228	12	1.1
[159A3.000]		02.90- 04.93	111035	14	65						
		AC 02.90- 04.93	112780	14	90						
Tempra 1.6 i.e.	[159A3.046]	06.90- 08.96	113473#	14	65		06.90- 07.92	111228	12	1.1	
		AC 06.90- 07.92	112780	14	90		06.90- 08.96	112122	12	0.9	
	[835C1.000]		06.90- 08.96	113473#	14	65		04.93- 12.94	111228	12	1.1
			AC 04.93- 08.96	112780	14	90		06.90- 08.96	112122	12	0.9
	[159B9.000]		AC 05.94- 12.96	112780	14	90		05.94- 12.96	112124	12	0.9
	[159A3.048]		AC 06.92- 08.96	112780	14	90		06.92- 08.96	112122	12	0.9
	[159A3.048]		06.92- 08.96	113473#	14	65		06.92- 03.93	111228	12	1.1
	[159A3.046]		06.90- 08.96	113472	14	65					
			ACPS 06.90- 08.96	112780	14	90					
	[159A3.048]		06.92- 08.96	113472	14	65					
			ACPS 06.92- 08.96	112780	14	90					
	[159B9.000]		06.94- 08.96	113473#	14	65					
			Eng. -9606886 05.94- 12.96	113472	14	65					
	[835C1.000]		04.93- 08.96	113472	14	65					
			ACPS 04.93- 08.96	112780	14	90					
	Tempra 1.8 i.e.	[159A4.000]	03.90- 08.96	111620	14	65		AT 03.90- 08.96	111523		
AC 03.93- 08.96			112540	14	100		03.90- 08.96	110854	12	1.4	
[159A4.046]			AC 03.93- 08.96	112540	14	100		AT 10.91- 12.96	111523		
			AC 04.93- 08.96	111860	14	90		10.91- 12.96	110854	12	1.4
[835C2.000]			09.93- 08.96	111620	14	65		09.93- 08.96	110854	12	1.4
			AC 09.93- 08.96	111860	14	90		AT 09.93- 08.96	111523		
[836A5.000]			10.94- 08.96	111620	14	65		10.94- 08.96	110854	12	1.4
			AC 10.94- 08.96	112540	14	100		AT 10.94- 08.96	111523		
[835C4.000]			09.93- 08.96	111620	14	65		AT 09.93- 08.96	111523		
			AC 09.93- 08.96	112540	14	100		09.93- 08.96	11085		



	[835C2.000]	AC 09.93- 08.96	112540	14	100				
	[835C4.000]	AC 09.93- 08.96	111860	14	90				
	[836A5.000]	AC 10.94- 08.96	111860	14	90				
Tempra 1.9 Diesel	[160A7.000]	07.91- 01.96	113187	14	85	07.91- 08.96	111423#	12	2.2
	[160A7.000]	AC 04.93- 12.96	112771	14	90				
Tempra 1.9 TD	[160A7.000]	07.91- 01.96	113187	14	85	02.96- 08.96	111424	12	2.2
	[160A7.000]	AC 07.91- 08.96	112771	14	90	07.91- 08.96	111423#	12	2.2
	[160A6.000]	05.90- 01.96	113187	14	85	02.90- 12.96	112125	12	2.2
	[160B6.046]	AC 07.90- 08.96	112771	14	90	07.90- 08.96	112125	12	2.2
	[160D1.000]	05.90- 01.96	113187	14	85	04.93- 12.96	112125	12	2.2
	[160A6.000]	02.90- 12.96	111654	14	65				
	[160B6.046]	AC 02.90- 12.96	112771	14	90				
	[160D1.000]	07.90- 08.96	111654	14	65				
	[160D1.000]	03.92- 01.96	113187	14	85				
	[160D1.000]	04.93- 12.96	111654	14	65				
	[160D1.000]	AC 04.93- 12.96	112771	14	90				
Tempra 2.0 i.e.	[159A6.046]	AC 02.93- 12.96	112540	14	100	AT 10.90- 12.96	111523		
	[159A6.046]	AC 03.93- 12.96	111860	14	90	10.90- 12.96	110854	12	1.4
	[159A6.046]	02.90- 12.96	111620	14	65				
Tempra 2.0 i.e. 4x4	[159A6.046]	03.92- 03.95	111620	14	65	AT 03.92- 03.95	111523		
	[159A6.046]	AC 03.93- 03.95	112540	14	100	03.92- 03.95	110854	12	1.4
	[159A6.046]	AC 03.93- 03.95	111860	14	90				
Tipo 1.1 Digit	[160A3.000]	07.87- 03.93	111036	14	45	07.87- 03.93	111025	12	0.8
	[160A3.000]	07.87- 03.93	111621	14	55				
Tipo 1.4 Selecta	[160A1.000]	AC 07.87- 12.89	112780	14	90	07.87- 12.89	111228	12	1.1
	[160A1.048]	03.89- 11.90	111035	14	65	03.89- 11.90	111228	12	1.1
	[160A1.000]	07.87- 12.89	110612	14	43				
	[160A1.000]	07.87- 12.89	111035	14	65				
	[160A1.000]	07.87- 12.89	111148	14	65				
	[160A1.048]	03.89- 11.90	110612	14	43				
	[160A1.048]	03.89- 11.90	111148	14	65				
	[160A1.048]	AC 03.89- 11.90	112780	14	90				
Tipo 1.4 i.e.	[159A2.000]	AC 05.89- 02.90	112780	14	90	05.89- 04.95	111228	12	1.1
	[160A1.046]	AC 05.89- 03.93	112780	14	90	05.89- 04.95	111228	12	1.1
	[836A4.000]	03.93- 10.95	113472	14	65	03.93- 10.95	111228	12	1.1
	[159A2.000]	05.89- 03.93	111035	14	65				
	[159A2.000]	05.89- 03.93	113472	14	65				
	[159A2.000]	05.89- 04.95	113473#	14	65				
	[160A1.046]	05.89- 03.93	111035	14	65				
	[160A1.046]	05.89- 03.93	111148	14	65				
	[160A1.046]	05.89- 04.95	113472	14	65				
	[160A1.046]	05.89- 04.95	113473#	14	65				
	[836A4.000]	05.89- 04.95	113473#	14	65				
	[836A4.000]	AC 03.93- 10.95	112780	14	90				
Tipo 1.6 Digit	[160A2.000]	ACPS 01.88- 10.95	112780	14	90	01.88- 10.95	111228	12	1.1
	[160A2.000]	07.87- 10.95	110612	14	43				
	[160A2.000]	07.87- 10.95	111035	14	65				
	[160A2.000]	AC 01.88- 10.95	112780	14	90				
Tipo 1.6 i.e.	[149C2.046]	02.88- 06.90	113187	14	85	02.88- 06.90	112124	12	0.9
	[159A3.048]	10.92- 04.95	113473#	14	65	03.93- 10.95	111228	12	1.1
	[835C1.000]	10.92- 04.95	113473#	14	65	03.93- 10.95	111228	12	1.1
	[159A3.046]	07.90- 01.93	113473#	14	65	03.90- 03.93	111228	12	1.1
	[149C2.046]	02.88- 06.90	111620	14	65				
	[149C2.046]	02.88- 01.90	111860	14	90				
	[159A3.046]	03.90- 03.93	111148	14	65				
	[159A3.046]	03.90- 03.93	113472	14	65				
	[159A3.046]	ACPS 03.90- 03.93	112780	14	90				
	[159A3.046]	AC 03.90- 03.93	112780	14	90				
	[159A3.048]	03.93- 10.95	113472	14	65				
	[159A3.048]	AC 03.93- 10.95	112780	14	90				
	[835C1.000]	03.93- 10.95	113472	14	65				
	[835C1.000]	AC 03.93- 10.95	112780	14	90				
Tipo 1.7 Diesel	160	AC 07.87- 03.93	112771	14	90	07.87- 03.93	111619	12	1.7
	[149B4.000]	07.87- 03.93	112719	14	55	07.87- 12.90	110836#	12	1.6
	[149B4.000]	07.87- 03.93	110912	14	55	07.87- 12.90	110836#	12	1.6
	[149B4.000]	01.89- 03.93	112719	14	55	07.87- 03.93	111619	12	1.7
	[149B4.000]	AC 07.87- 03.93	112771	14	90				
Tipo 1.8 i.e. 16V	[160A5.000]	11.89- 01.91	113187	14	85	11.89- 06.92	110854	12	1.4
	[160A5.000]	11.89- 06.92	111620	14	65				
Tipo 1.8 i.e.	[835C4.000]	09.93- 10.95	111620	14	65	Chas. -4829241 03.93- 10.95	111523		
	[836A5.000]	AC 12.94- 10.95	112540	14	100	09.93- 10.95	110854	12	1.4
	[159A4.000]	AC 03.93- 04.95	111860	14	90	03.93- 04.95	111523		
	[159A4.000]	10.90- 06.93	111620	14	65	10.90- 04.95	110854	12	1.4
	[159A4.000]	10.94- 04.95	112540	14	100	09.91- 03.92	111523		
	[835C2.000]	AC 03.93- 10.95	112540	14	100	03.93- 10.95	110854	12	1.4
	[835C2.000]	AC 03.93- 10.95	111860	14	90				
Tipo 1.8 i.e. GT	[159A4.046]	10.92- 06.93	111620	14	65	10.92- 06.93	110854	12	1.4
	[159A4.046]	AC 03.93- 10.95	111860	14	90				
	[159A4.046]	AC 03.93- 10.95	112540	14	100				
Tipo 1.9 Diesel	[160A7.000]	07.89- 10.95	111654	14	65	07.89- 09.91	111423#	12	2.2
	[160A7.000]	AC 07.89- 10.95	112771	14	90	10.91- 10.95	112125	12	2.2
Tipo 1.9 TD	[160A6.000]	07.87- 04.95	111654	14	65	02.89- 04.95	112125	12	2.2
	[160A6.046]	AC 07.87- 03.93	112771	14	90	02.89- 03.93	112125	12	2.2
	[160D1.000]	AC 03.93- 04.95	112771	14	90	03.93- 04.95	112125	12	2.2
	[160B6.046]	AC 07.87- 10.95	112771	14	90	02.89- 10.95	112125	12	2.2
	[160A6.000]	AC 07.87- 04.95	112771	14	90				
	[160A6.046]	07.87- 03.93	111654	14	65				
	[160B6.046]	07.87- 10.95	111654	14	65				
	[160D1.000]	03.93- 04.95	111654	14	65				
Tipo 2.0 16V	[160A8.046]	03.90- 10.95	111620	14	65	12.90- 03.93	111645	12	0.4
	[160A8.046]	AC 12.90- 12.95	112540	14	100	12.90- 04.95	110854	12	1.4
	[160A8.046]	AC 03.93- 04.95	111860	14	90				
Tipo 2.0 i.e. 16V Sport	[836A3.000]	AC 03.93- 10.95	111860	14	90	03.93- 10.95	110854	12	1.4
	[836A3.000]	03.93- 10.95	111620	14	65				
	[836A3.000]	03.93- 10.95	111860	14	90				
	[836A3.000]	AC 03.93- 10.95	112540	14	100				
Tipo 2.0 i.e.	[159A5.046]	AC 06.90- 03.92	112540	14	100	06.90- 03.92	110854	12	1.4
	[159A6.046]	AC 03.90- 10.95	111860	14	90	03.90- 10.95	110854	12	1.4
	[159A5.046]	06.90- 03.92	111620	14	65				
	[159A6.046]	03.90- 10.95	111620	14	65				
	[159A6.046]	03.90- 10.95	111860	14	90				
	[159A6.046]	AC 03.90- 10.95	112540	14	100				
Ulysse 1.8	[LFW]	05.96-	112299	14	95	05.97-	111130	12	1.1
	[LFW]	AC 05.96-	112772	14	120	05.97-	113443	12	1.4
	[LFW]	05.96-	113438#	14	80				
	[LFW]	AC 05.96-	112298	14	80				
	[LFW]	AC 05.96-	112299	14	95				
	[LFW]	AC 05.96-	112793	14	70				
Ulysse 1.9 TD	[DHX (XUD9TF/L)]	10.94-	112688	14	95	10.94-	111070	12	1.7
	[DHX (XUD9TF/L)]	10.94-	112703	14	120	02.95- 08.02	114460	12	1.4
	[DHX (XUD9TF/L)]	10.94-	113485	14	80				





Application list

FIAT Continued

Ulysse 2.0	[RFN (EW10J4)]	08.02-	113575	14	80	08.02-	112347		
	[RFU (XU10J2C)]	10.94-	112298	14	80	06.94- 05.00	113443	12	1.4
		10.94-	112299	14	95	10.94-	111070	12	1.7
		AC 06.94- 05.00	112772	14	120	10.94-	111130	12	1.1
	[RFN (EW10J4)]	08.02-	112460	14	150				
		08.02-	112461	14	150				
		08.02-	112469	14	90				
		08.02-	113640	14	150				
		08.02-	113755	14	150				
Ulysse 2.0 16V	[RFU (XU10J2C)]	10.94-	112793	14	70				
	[RFN (EW10J4)]	03.00-	112460	14	150	09.00-	112347		
		03.00-	112480	14	90				
	[RFV]	05.98-	111318	14	80	05.98-	113443	12	1.4
		05.98- 09.00	113604	14	95	05.98-	111130	12	1.1
Ulysse 2.0 Turbo	[RGX (XU10J2CTE)]	10.94-	112299	14	95	10.94-	111130	12	1.1
		03.97- 08.02	111318	14	80	06.94- 08.02	113443	12	1.4
		AC 06.94- 02.97	112772	14	120	10.94-	111070	12	1.7
	[RGX (XU10J2CTE)]	06.94- 08.02	113604	14	95				
		10.94-	112298	14	80				
		10.94-	112793	14	70				
Ulysse 2.0 JTD 16V	[RHW(DW10ATED4)]	05.99- 08.02	113503	14	120	05.99- 08.02	111070	12	1.7
	[RHW(DW10ATED4)]	05.99- 08.02	112460	14	150				
Ulysse 2.0 JTD	[RHW (DW10ATED4)]	08.02-	112461	14	150	A13 08.02-	111070	12	1.7
		08.02-	113640	14	150	08.02-	114460	12	1.4
	[RHZ (DW10ATED4)]	10.99-	112460	14	150	10.99- 08.02	114460	12	1.4
	[RHM (DW10ATED4)]	05.03-	113640	14	150	05.03-	111070	12	1.7
	[RHZ (DW10ATED4)]					A13 10.99-	111070	12	1.7
					10.99-	111070	12	1.7	
Ulysse 2.0 Multijet	[RHK]	05.06-	113640	14	150	05.06-	114460	12	1.4
	[RHR]	05.06-	113640	14	150	05.06-	114460	12	1.4
Ulysse 2.1 TD	[P8C]	03.96-	112688	14	95	03.96- 10.99	114460	12	1.4
		03.96-	113485	14	80	03.96-	111070	12	1.7
	[P8C]	03.96-	112703	14	120				
Ulysse 2.2 JTD	[4HW (DW12ATED4)]	08.02-	112461	14	150	08.02-	114460	12	1.4
		08.02-	113640	14	150	A13 08.02-	111070	12	1.7
Ulysse 3.0 V6	[XFW (ES9J4S)]	08.02-	111941#	14	150				
		08.02-	111944#	14	120				
Uno 0.9 ES	[146A.000]	03.83- 09.92	111078	14	45	03.83- 09.92	110365	12	0.8
	[146A.1000]	03.83- 09.92	111078	14	45	03.83- 09.92	110365	12	0.8
	[146A.000]					03.83- 09.92	111585	12	0.8
	[146A.1000]					03.83- 09.92	111585	12	0.8
Uno 1.0	[146A]	06.86- 12.93	111036	14	45	04.94- 01.95	111118	12	0.9
	[156A2.048]	06.86- 05.91	111036	14	45	06.86- 05.91	111025	12	0.8
		06.86- 05.91	111621	14	55				
	[156A2.100]	06.86- 12.93	111036	14	45	06.86- 03.94	111025	12	0.8
		06.86- 03.94	111621	14	55				
					06.86- 12.93	111025	12	0.8	
Uno 1.0 i.e.	[156A2.246]	08.85- 09.92	111621	14	55	08.85- 09.92	111025	12	0.8
Uno 1.1	[156C.046]	01.90- 12.93	111621	14	55	01.90- 10.92	111025	12	0.8
	[160A3.000]	04.89- 12.92	111621	14	55	04.89- 12.92	111025	12	0.8
	[138B.000]	01.83- 08.89	110612	14	43	01.83- 08.89	110338	12	0.8
		01.83- 08.89	111035	14	65				
	[146A4.044]	01.86- 12.89	111621	14	55	01.86- 12.89	111025	12	0.8
	[146A4.048]	05.85- 08.89	110612	14	43	05.85- 08.89	110338	12	0.8
		05.85- 08.89	111035	14	65				
Uno 1.1 i.e.	[146C3.000]	09.89- 03.94	111621	14	55	06.92- 12.93	110814	12	2.7
					06.92- 10.92	111025	12	0.8	
Uno 1.3	[13882.000]	01.83- 04.85	110612	14	43	01.83- 04.85	110338	12	0.8
		01.83- 04.85	111035	14	65				
	[149A7.000]	05.85- 08.89	110612	14	43	05.85- 08.89	110338	12	0.8
		05.85- 08.89	111035	14	65				
Uno 1.3 i.e. Turbo	[146A2.246]	09.89- 03.91	111148	14	65	09.89- 03.91	110814	12	2.7
	[146A2.000]	04.85- 08.89	111148	14	65	04.85- 08.89	112289	12	0.8
	[146A2.146]	10.87- 08.89	111148	14	65	10.87- 08.89	112289	12	0.8
	[146A2.246]					09.89- 03.91	112289	12	0.8
Uno 1.3 Diesel Super	[127A5.000]	06.83- 03.92	110991	14	55	09.89- 03.92	111619	12	1.7
						06.83- 03.92	111117	12	1.1
						09.89- 03.92	110836#	12	1.6
	[146B1.000]	09.89- 03.92	110991	14	55	09.89- 03.92	111117	12	1.1
						09.89- 03.92	111619	12	1.7
					09.89- 03.92	110836#	12	1.6	
					09.89- 10.92	112289	12	0.8	
Uno 1.4 S	[160A1.048]	09.89- 10.92	111148	14	65	09.89- 10.92	112289	12	0.8
	[160A1.048]	09.89- 10.92	110612	14	43				
		09.89- 10.92	111035	14	65				
Uno 1.4 i.e. Turbo	[146A8.000]	12.89- 12.96	111148	14	65	12.89- 12.94	111228	12	1.1
	[146A8.000]					01.95-	112122	12	0.9
	[146A8.046]					09.89- 09.93	110814	12	2.7
					10.90- 12.93	112289	12	0.8	
Uno 1.4 i.e.	[146C1.000]	09.89- 12.93	111035	14	65	09.89- 12.93	111228	12	1.1
	[160A1.046]	09.89- 12.93	111035	14	65	09.89- 12.93	110814	12	2.7
					09.89- 03.94	111228	12	1.1	
Uno 1.4 TD	[146B3.000]	10.86- 10.90	112719	14	55	09.89- 04.91	111619	12	1.7
						03.86- 08.89	110836#	12	1.6
						10.85- 08.87	112289	12	0.8
Uno 1.5 i.e.	[138C2.048]	10.85- 08.87	111035	14	65	08.87- 03.94	112289	12	0.8
	[149C1.000]	09.87- 03.94	111148	14	65				
	[138C2.048]	10.85- 08.87	111148	14	65				
	[149C1.000]	09.87- 03.94	111035	14	65				
Uno 1.7 Diesel	[146B2.000]	09.89- 03.94	112719	14	55	09.89- 04.91	110836#	12	1.6
						09.89- 04.91	111619	12	1.7
						01.98- 03.04	113752	12	1.8
	[149B3.000]	07.86- 08.89	112719	14	55	07.86- 08.89	110836#	12	1.6
						07.86- 08.89	111619	12	1.7
Uno 1.9 Diesel	[149B5.046]	09.89- 03.94	110912	14	55				
		09.89- 03.94	112719	14	55				
Various Models						01.71- 12.87	110813	12	2.7
						01.88-	111118	12	0.9
						03.86-	111619	12	1.7
						09.80- 09.88	111106	12	1.0
						10.82- 03.85	110827	12	0.8
						11.93- 05.95	111422	12	0.8
						05.80- 09.03	110812	12	2.0
						01.86- 07.89	111423#	12	2.2
					06.79- 10.86	110814	12	2.7	
X1/9 1.3	[128AS.000]	01.73- 12.79	110899	14	33	01.73- 12.79	110338	12	0.8
X1/9 1.5 5-speed	[138AS.000]	11.78- 12.89	110612	14	43	11.78- 12.89	110825#	12	0.9
	[138BS.031]	06.85- 12.89	110612	14	43	06.85- 12.89	110825#	12	0.9
<b>PASSENGER CARS US</b>									
124 1.2		01.69- 01.69	110611	14	44	01.67- 01.69	110826	12	0.8
124 1.4		01.68- 01.73	110611	14	44	01.68- 01.73	110826	12	0.8
124 1.4 Spider		01.68- 01.70	110611	14	44	01.69- 01.70	110826	12	0.8
124 1.6		01.71- 01.73	110611	14	44				
124 1.6 Spider		01.71- 01.73	110611	14	44				
124 1.8		01.74- 01.75	110611	14	44				
124 1.8 Spider		01.74- 01.78	110611	14	44				
124 2.0 Spider		01.79- 01.81	110912	14	55				
		01.79- 01.81	110875	14	65				
128 1.1		01.71- 01.73	110899	14	33				
128 1.3		01.73- 01.78	110899	14	33				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FIAT** *Continued*

580 DT						12.77- 02.84	110213	24	6.6	
						12.77- 02.84	110529	12	3.0	
60.46 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7	
60.56						01.89-	110813	12	2.7	
60.65 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7	
60.66 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7	
60.75						03.89-	110813	12	2.7	
60.90 2.9 Diesel	[8035.05.200]					03.84- 08.88	110813	12	2.7	
640 DT						10.72- 07.82	110529	12	3.0	
65.46 3.6 Diesel	[8045.06..]					04.85- 08.88	110529	12	3.0	
						04.85-	110813	12	2.7	
65.66 3.6 Diesel	[8045.06..]					06.87- 08.88	110529	12	3.0	
						04.85-	110813	12	2.7	
65.90 3.6 Diesel	[8045.06..]					09.87- 08.88	110529	12	3.0	
						04.85-	110813	12	2.7	
665 C						06.82- 12.84	110529	12	3.0	
670 DT						07.77- 02.84	110529	12	3.0	
680 DT						07.77- 02.84	110529	12	3.0	
70.65 3.6 Diesel	[8045.06..]					10.84- 08.88	110529	12	3.0	
						09.84-	110813	12	2.7	
70.66 3.6 Diesel	[8045.06..]					09.84- 08.88	110529	12	3.0	
						09.84-	110813	12	2.7	
70.90 3.6 Diesel	[8045.06..]					03.84- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
765 C						01.75- 12.84	110529	12	3.0	
780 DT						01.75- 02.84	110529	12	3.0	
80.65 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
80.66 3.9 Diesel	[8045.05...]					05.87- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
80.75						03.84-	110529	12	3.0	
80.90 3.9 Diesel	[8045.05...]					03.84- 08.88	110529	12	3.0	
						03.84-	110813	12	2.7	
85.55 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0	
						10.84- 06.89	110813	12	2.7	
855 C						04.73- 12.84	110529	12	3.0	
880-5						09.80- 08.82	110529	12	3.0	
						09.82- 06.84	110522	12	3.0	
90.90 4.9 Diesel	[8055.05.200]					06.84- 08.88	110522	12	3.0	
95.55 4.9 Diesel	[8055.05.205]					10.84- 08.88	110522	12	3.0	
F-100-F						01.84-	110522	12	3.0	
F-110						01.84-	110522	12	3.0	
F-120-F						01.84-	110522	12	3.0	
F130						01.84-	110522	12	3.0	
Various Models						06.72-	110813	12	2.7	
						09.81- 12.82	110529	12	3.0	
<b>MISC.</b>										
DI 130 8.1	[8365.05.555]					07.81-	110518	24	4.0	
						07.81- 12.89	110522	12	3.0	
DI 130 C 5.9	[8061..]					09.88-	110521	24	4.0	
DI 150 C 5.9	[8061..]					09.88-	110518	24	4.0	
						09.88-	110521	24	4.0	
DI 20 C						01.80-	110529	12	3.0	
DI 25 C						01.80-	110529	12	3.0	
DI 50 CH 3.9	[8045.05.359]					06.85-	110529	12	3.0	
DI 60 C 3.9	[8045.05.359]					06.85-	110529	12	3.0	
DI 70						01.81-	110529	12	3.0	
DI 70 C						01.81-	110529	12	3.0	
Various Models						01.71- 12.82	110213	24	6.6	
						01.71- 12.82	110813	12	2.7	
						01.73- 11.81	110529	12	3.0	
<b>Fiat-Allis</b>										
<b>AGRICULTURE</b>										
65 B 5.9 Diesel	[8061..]	01.86-	01.01	111419	28	55	01.86- 01.01	110521	24	4.0
FA 150 8.1 Diesel	[8365.25.542]						12.86- 03.99	110999	24	
FA 200							01.84- 12.89	110347	24	7.5
FD 14							04.84- 12.89	110347	24	7.5
FD 14E 8.1 Diesel	[8365.25.541]						12.88- 12.92	110999	24	
FD 20 5.9 Diesel	[8215.02.520]						03.84- 03.99	110347	24	7.5
FD 30C 17.0 Diesel	[8285.22.004]	10.90-		111419	28	55				
FE 16							10.83- 12.87	110521	24	4.0
FE 45							09.87-	110347	24	7.5
FG 65 A							03.84- 01.88	110529	12	3.0
FH 400							11.89-	110347	24	7.5
FL 20							03.84-	110347	24	7.5
FR 130 5.9 Diesel	[8065.25..]	04.90-	04.05	111419	28	55				
FR 160 8.1 Diesel	[8365.25..]	07.90-		111419	28	55	07.90-	110999	24	
							01.80- 01.83	110522	12	3.0
FR 20							01.86- 12.90	110347	24	7.5
FR 20 B							01.86- 12.90	110347	24	7.5
FR 220 9.5 Diesel	[8465.21..]	01.91-		111419	28	55				
FR 7							12.82- 03.85	110517	24	3.2
							04.85- 04.88	110521	24	4.0
FR 9							12.82- 09.85	110521	24	4.0
Various Models Diesel		04.83- 03.89		110912	14	55	01.71- 01.75	111737	12	2.8
		01.72- 01.80		110504	14	90	01.80- 06.85	110531	24	6.6
		01.80-		110801	28	45	11.70- 12.82	110529	12	3.0
		01.74- 01.91		110639	14	36		113381	12	2.5
		01.74- 12.79		113724#	28	30		110347	24	7.5
		01.70- 01.73		110075	14	60	12.86- 12.88	110521	24	4.0
		01.83- 01.88		110952	28	40	01.60-	111000	24	
		01.75- 12.84		111180	14	33	06.83- 06.87	110210	24	6.6
				112992	28	70	07.87- 06.89	110206	24	5.4
								111041	12	2.8
							01.72- 01.80	113534	12	3.0
							01.97	110640	12	3.0
								110208	24	5.4
							01.69- 01.70	110818	12	2.1
							03.85	110517	24	3.2
								110813	12	2.7
								110518	24	4.0
Various Models							01.70- 01.82	110520	24	4.0
<b>Foden</b>										
<b>TRUCKS EU</b>										
2000 Series 6.0	[Cummins B]						01.96-	111286	24	5.5
							01.96- 01.96	112656	24	4.5
4000 Series	[Cum. NHE250]						01.71-	110721	24	7.1
<b>Force</b>										
<b>MARINE</b>										
256F							01.89- 01.89	112828	12	
257F							01.89- 01.89	112828	12	
353F							01.90- 01.91	112828	12	
356F							01.90- 01.91	112828	12	
357F							01.86- 01.96	112828	12	
358F							01.90- 01.91	112828	12	
Various Models							01.92- 01.99	112827	12	





Ford											
PASSENGER CARS EU											
Aerostar 3.0 I V6		01.88- 01.90	111252	14	75						
Aerostar 4.0 I V6 4WD		01.92- 01.93	111199	14	95						
								01.97- 12.97	112607	12	1.4
								09.89- 12.97	112597	12	1.4
								01.92- 01.93	111844	12	1.4
Bronco II 2.9 I 4x4								01.88- 08.90	112016	12	
Capri 1.3	[J1E]	01.74- 06.85	111289	14	70			01.74- 08.77	110336	12	0.75
		RHD 01.74- 08.77	111086	14	65			RHD 01.74- 06.85	110831	12	0.8
	[J1E]	01.74- 06.85	110759	14	35						
Capri 1.3 1300	[TV13L]	12.68- 04.74	110759	14	35			12.68- 12.72	110868	12	1.1
		RHD 12.68- 04.74	110178	14	36			12.68- 12.72	110771	12	0.8
		09.72- 12.73	111086	14	65			10.72- 12.73	110336	12	0.75
		01.69- 12.73	111289	14	70						
		01.69- 12.73	110759	14	35						
		RHD 01.69- 12.72	110178	14	36						
		RHD 09.72- 12.73	111086	14	65						
		RHD 09.72- 12.72	111083#	14	70						
Capri 1.5 1500	[TV15H]							12.68- 08.72	110771	12	0.8
								12.68- 08.72	110868	12	1.1
	[TV15L]							12.68- 08.72	110771	12	0.8
								12.68- 08.72	110868	12	1.1
Capri 1.6	[LAC]	09.74- 12.77	111289	14	70			AT 09.74- 12.77	110870#	12	1.0
		RHD 09.74- 12.77	111086	14	65			RHD 09.74- 12.77	110831	12	0.8
	[LCE]	01.74- 12.77	111289	14	70			RHD 01.74- 12.77	110831	12	0.8
		RHD 01.74- 12.77	111086	14	65			01.74- 12.77	110336	12	0.75
	[LCN]	01.78- 04.87	111289	14	70			RHD 01.78- 04.87	110831	12	0.8
		RHD 01.78- 04.87	111086	14	65			AT 01.78- 04.87	110870#	12	1.0
	[LEC]	01.74- 12.77	111289	14	70			AT 01.74- 12.77	110870#	12	1.0
		RHD 01.74- 12.77	111086	14	65			01.74- 12.77	110336	12	0.75
	[LAC]							09.74- 12.77	110336	12	0.75
	[LCE]							AT 01.74- 12.77	110870#	12	1.0
	[LCN]							01.78- 04.87	110336	12	0.75
	[LEC]							RHD 01.74- 12.77	110831	12	0.8
Capri 1.6 1600	[LE]	08.72- 04.74	111289	14	70			08.72- 04.74	110336	12	0.75
		08.72- 02.74	111086	14	65			RHD 08.72- 02.74	110336	12	0.75
	[LE]	RHD 01.70-	110179	14	36						
		RHD 09.72- 02.74	111086	14	65						
		08.72- 02.74	111289	14	70						
		RHD 08.72- 02.74	111086	14	65						
Capri 1.6 1600 GT		01.69- 10.72	111289	14	70						
Capri 1.7 1700	[TV17H]	12.68- 08.72	111289	14	70			12.68- 08.72	110868	12	1.1
	[TV17H]							12.68- 08.72	110771	12	0.8
Capri 2.0	[NEN]	01.78- 12.85	111289	14	70			RHD 01.78- 12.85	110831	12	0.8
		RHD 01.78- 12.85	111086	14	65			01.78- 08.85	110868	12	1.1
	[NWN]	04.76- 12.77	111289	14	70			04.76- 12.77	110868	12	1.1
	[NVL]	01.78- 04.87	111289	14	70			08.81- 08.85	110868	12	1.1
	[OHCTL20H]	04.74- 06.84	111289	14	70			04.74- 12.77	110831	12	0.8
		01.78- 12.85	111289	14	70			01.78- 12.85	110868	12	1.1
	[NWN]							04.76- 12.77	110771	12	0.8
	[NVL]							08.81- 04.87	110771	12	0.8
								01.78- 12.82	110831	12	0.8
								08.85- 04.87	110842	12	1.4
	[OHCTL20H]	RHD 04.74- 06.86	111086	14	65						
		11.81- 12.85	111086	14	65						
Capri 2.0 2000	[TV20H]	RHD 02.69- 08.72	110179	14	36			02.69- 08.72	110868	12	1.1
		RHD 02.69- 08.72	111184	14	43			02.69- 08.72	110771	12	0.8
	[TV20L]	02.69- 06.71	111289	14	70			02.69- 06.71	110771	12	0.8
		RHD 02.69- 06.71	110179	14	36			02.69- 06.71	110868	12	1.1
	[TV20H]	02.69- 08.72	111289	14	70						
		RHD 09.72- 02.74	111086	14	65						
	[TV20L]	RHD 02.69- 06.71	111184	14	43						
		RHD 09.72- 02.74	111086	14	65						
		02.69- 02.74	111289	14	70						
Capri 2.3	[YYE]	01.74- 12.77	111289	14	70			01.74- 12.77	110771	12	0.8
		RHD 01.74- 12.77	111086	14	65			01.74- 12.77	110868	12	1.1
Capri 2.3 2300	[TV232H]	02.69- 04.74	111289	14	70			02.69- 12.73	110771	12	0.8
		RHD 09.72- 04.74	111086	14	65			02.69- 12.73	110868	12	1.1
	[TV23S]	08.69- 04.74	111289	14	70			08.69- 12.73	110771	12	0.8
		RHD 09.72- 04.74	111086	14	65			08.69- 04.74	110868	12	1.1
Capri 2.3 Super	[YYN]	06.79- 12.85	111289	14	70			08.85- 12.85	110842	12	1.4
		RHD 06.79- 12.85	111086	14	65			06.79- 08.85	110868	12	1.1
Capri 2.6 2600	[UY]	08.70- 04.74	111289	14	70			08.70- 12.73	110771	12	0.8
		RHD 09.72- 04.74	111086	14	65			08.70- 04.74	110868	12	1.1
Capri 2.8 I Turbo	[PYN]							08.85- 04.87	111981#	12	1.4
	[PYN]							01.82- 08.85	110868	12	1.1
Capri 2.8 I Super	[PRN]							01.81- 08.85	110868	12	1.1
	[PRN]							08.85- 04.87	110842	12	1.4
Capri 3.0	[HYF]	01.74- 12.78	111289	14	70						
		02.74- 12.78	111086	14	65						
		RHD 01.74- 12.77	111086	14	65						
Capri 3.0 3000	[HY]	08.72- 08.81	111086	14	65						
		RHD 08.72- 04.74	111086	14	65						
C-Max 1.6 Ti-CVT	[IOD...]							12.10-	111960		
	[PNDA]							12.10-	111960		
C-Max 1.6 TDCI		02.07-	113922	14	120			02.07-	113908	12	1.2
		02.07-	113849	14	150						
C-Max 1.8	[OQDC]	02.07-	114065	14	120			02.07-	113907	12	1.2
								02.07-	113907	12	1.2
								02.07-	113906	12	1.2
C-Max 1.8 FlexFuel								02.07-	113907	12	1.2
								02.07-	113906	12	1.2
C-Max 1.8 TDCI	[KKDA]	AC, w/electrical heating system	114248	14	150						
C-Max 2.0		AT 02.07-	113978	14	120			02.07-	113906	12	1.2
C-Max 2.0 CNG		04.09-	113978	14	120						
C-Max 2.0 LPG		06.08-	113978	14	120						
C-Max 2.0 TDCI	[TXDB]							12.10-	113911	12	2.2
	[TYDA]							02.11-	113911	12	2.2
		02.07-	113922	14	120			02.07-	113911	12	2.2
		02.07-	113849	14	150						
Consul 1.7 1700	GGCL, GGNL, GGFL	01.72- 12.75	110759	14	35			01.72- 12.75	110771	12	0.8
	[TV17H]	01.72- 02.76	110362					01.72- 02.76	110771	12	0.8
	[TV17H]	01.72- 02.76	110759	14	35						
		03.72- 02.75	110995								
Consul 2.0 2000	GGFL	01.72- 12.74	111086	14	65			01.72- 12.74	110870#	12	1.0
	[TL20H]	03.72- 02.76	110759	14	35			03.72- 02.75	110870#	12	1.0
		03.72- 02.75	111086	14	65						
	[TV20H]							10.74- 02.75	110868	12	1.1
		03.72- 02.76	110759	14	35						
Consul 2.3 2300	[TV23H]	03.72- 02.75	110362					03.72- 02.75	110868	12	1.1
		03.72- 02.75	110759	14	35						
		03.72- 02.75	110995								
Consul 2.5 2500	GGNL							01.72- 12.74	110868	12	1.1



Application list

FORD Continued

Cortina 1.3 1300		RHD 01.70- 03.72	110178	14	36			01.71- 03.72	110336	12	0.75	
		09.69- 03.72	110179	14	36							
		03.72	110178	14	36							
Cortina 1.6 1600		09.69- 03.72	110179	14	36			01.71- 03.72	110336	12	0.75	
		09.69- 03.72	110178	14	36							
Cortina 1.6 1600 GT		10.70- 03.72	110179	14	36			01.71- 03.72	110336	12	0.75	
		10.70- 03.72	110178	14	36							
Cortina 2.0 2000		01.71- 01.72	110178	14	36							
		RHD 01.70- 01.72	110178	14	36							
		01.70- 01.72	110179	14	36							
Cougar 2.0 16V	[EDBA]	08.98-	112198	14	105			08.98- 12.01	113217#	12	1.4	
	[EDBB]	08.98-	112198	14	105			AT 08.98- 12.00	112340	12	1.4	
	[EDBC]	08.98-	112198	14	105			08.98- 12.01	113217#	12	1.4	
	[EDBD]	08.98-	112198	14	105			08.98- 12.01	113217#	12	1.4	
	[EDBA]							AT 08.98-	112340	12	1.4	
								08.98-	112235	12	1.4	
	[EDBB]							08.98- 12.01	113217#	12	1.4	
	[EDBC]							AT 08.98- 12.00	112340	12	1.4	
	[EDBD]							AT 08.98- 12.00	112340	12	1.4	
	Cougar 2.5 I ST 200	[SGA]						01.00-	111374	12	1.5	
	Cougar 2.5 V6 24V	[LCBA]						08.98-	111374	12	1.5	
		[LCBB]						08.98- 12.00	111374	12	1.5	
		[LCBC]						06.00-	111374	12	1.5	
[LCBE]							08.98- 12.00	111374	12	1.5		
E Series 5.8		01.92- 01.93	111200	14	130			AT	113892	12	1.8	
		01.90- 01.91	112837#	14	65							
Econovan 1.4	[UC]	08.85- 03.92	110136	14	50		08.85- 03.92	110983				
Econovan 2.0 Diesel	[RF]	03.86- 03.92	110706	14	60			09.85- 03.92	110389	12	2.2	
	[RF]	03.86- 03.92	110699	14	50							
Escort 1.1	[GLB]	09.80- 12.85	111289	14	70			09.80- 08.83	111131	12	0.8	
		09.82- 12.85	110362					RHD 09.80- 12.85	110831	12	0.8	
	[GMA]	09.80- 08.83	110759	14	35			09.80- 08.83	111131	12	0.8	
	[GSC]	01.86- 12.94	111362	14	55	A31		10.85- 12.88	111053	12	0.8	
	[GSC]	01.86- 12.94	110891	14	70	A31		A13 01.86- 07.90	111131	12	0.8	
	[GSC]	10.85- 07.90	111289	14	70			10.85- 07.90	110337	12	0.85	
	[GMA]	09.80- 08.83	110995					A13 09.80- 08.83	110337	12	0.85	
		09.80- 08.83	111289	14	70			09.80- 08.83	111053	12	0.8	
	[GLB]	09.80- 12.85	110759	14	35			A13 09.80- 12.85	110337	12	0.85	
		09.80- 12.85	110995					09.80- 12.85	111053	12	0.8	
	[GSE]	09.80- 12.85	110995					09.80- 06.85	110337	12	0.85	
		09.80- 05.83	111289	14	70			RHD 09.80- 12.85	110831	12	0.8	
		09.82- 12.85	110362					09.80- 12.85	111053	12	0.8	
	[GPA]	09.80- 08.83	110362					09.80- 08.83	110337	12	0.85	
		09.80- 08.83	111289	14	70			09.80- 12.82	111053	12	0.8	
	[G1]	10.74- 08.80	110759	14	35			10.74- 08.80	110336	12	0.75	
		12.74- 08.80	110362					RHD 11.75- 08.80	110831	12	0.8	
		12.74- 08.80	110995									
		RHD 12.74- 08.80	110178	14	36							
		RHD 12.74- 08.80	111185	14	43							
	[G2]	10.74- 08.80	110759	14	35			RHD 11.75- 08.80	110831	12	0.8	
		12.74- 08.80	110362					10.74- 08.80	110336	12	0.75	
		12.74- 08.80	110995									
		RHD 12.74- 08.80	110178	14	36							
		RHD 12.74- 08.80	111185	14	43							
	[GLB]	09.80- 08.83	111362	14	55							
	[GMA]	09.80- 08.83	110362									
	[GPA]	09.80- 08.83	110995									
	[GSE]	09.80- 05.83	110759	14	35							
	Escort 1.1 1100	[G1]	01.68- 12.74	110178	14	36			RHD 11.75- 02.76	110831	12	0.8
			01.75- 08.80	110362					01.68- 02.76	110336	12	0.75
		01.75- 08.80	110759	14	35							
		RHD 01.75- 02.76	110179	14	36							
[G2]		06.68- 12.74	110178	14	36			06.70- 02.76	110336	12	0.75	
		01.75- 08.80	110362					RHD 11.75- 02.76	110831	12	0.8	
		01.75- 08.80	110759	14	35							
		RHD 01.75- 02.76	110179	14	36							
Escort 1.1 Express	[GLB]	03.81- 05.83	110759	14	35			03.81- 12.85	111053	12	0.8	
		03.81- 12.85	110995					03.81- 06.85	110337	12	0.85	
		03.81- 12.85	111289	14	70			RHD 03.81- 12.85	110831	12	0.8	
		09.82- 12.85	110362									
	[GSG]	05.86- 07.90	110891	14	70	A31		05.86- 07.90	110337	12	0.85	
		05.86- 07.90	111289	14	70			A13 05.86- 07.90	111131	12	0.8	
		05.86- 07.90	111362	14	55							
Escort 1.3	[JBB]	08.88- 07.90	110891	14	70	A31		A13 08.88- 07.90	111131	12	0.8	
		08.88- 07.90	111362	14	55			08.88- 07.90	110337	12	0.85	
	[JLA]	01.86- 07.90	110891	14	70	A31		01.86- 07.90	110337	12	0.85	
		01.86- 07.90	111362	14	55			A13 01.86- 07.90	111131	12	0.8	
	[J1]	01.75- 08.80	110362					01.75- 08.80	110336	12	0.75	
		01.75- 08.80	110995					RHD 11.75- 08.80	110831	12	0.8	
	[JBA]	07.88- 07.90	110891	14	70	A31		07.88- 07.90	111131	12	0.8	
	[JLB]	01.86- 07.90	110891	14	70	A31		01.86- 07.90	110337	12	0.85	
		01.86- 07.90	111289	14	70			A13 01.86- 07.90	111131	12	0.8	
		11.86- 07.88	111362	14	55			11.86- 07.88	111131	12	0.8	
	[J6A]	07.90- 10.00	110891	14	70	A31		07.90- 10.00	111131	12	0.8	
	[J4B]	09.92- 09.01	110891	14	70	A31		07.90- 09.01	111131	12	0.8	
	[J4B]	01.95- 10.00	111289	14	70			01.95- 10.98	110337	12	0.85	
	[J4B]	07.90- 10.00	111362	14	55			09.92- 01.02	113701	12	1.1	
	[JPA]	09.80- 05.83	110759	14	35			09.80- 12.85	111053	12	0.8	
		09.80- 12.85	110995					A13 09.80- 12.85	110337	12	0.85	
	[J6A]	07.90- 10.00	111362	14	55			01.95-	111053	12	0.8	
	[J6A]	07.90- 10.00	111289	14	70			01.95- 01.02	113701	12	1.1	
	[J1]	01.75- 08.80	110759	14	35							
		RHD 01.75- 08.80	110178	14	36							
		RHD 01.75- 08.80	111185	14	43							
	[J1F]	12.74- 08.80	110362					12.74- 08.80	110336	12	0.75	
		12.74- 08.80	110759	14	35			RHD 11.75- 08.80	110831	12	0.8	
		12.74- 08.80	110995									
		RHD 12.74- 08.80	110178	14	36							
		RHD 12.74- 08.80	111185	14	43							
	[J2]	12.74- 08.80	110362					RHD 11.75- 08.80	110831	12	0.8	
		12.74- 08.80	110759	14	35			12.74- 08.80	110336	12	0.75	
		12.74- 08.80	110995									
		RHD 12.74- 08.80	110178	14	36							
		RHD 12.74- 08.80	111185	14	43							
	[J3]	12.74- 08.80	110362					RHD 11.75- 08.80	110831	12	0.8	
		12.74- 08.80	110759	14	35			12.74- 08.80	110336	12	0.75	
		12.74- 08.80	110995									
		RHD 12.74- 08.80	110178	14	36							
		RHD 12.74- 08.80	111185	14	43							
	[J6A]							01.95- 10.98	110337	12	0.85	
	[JBA]	07.88- 07.90	111362	14	55							
	[JBB]	08.88- 07.90	111289	14	70							
	[JLA]	01.86- 07.90	111289	14	70							
	[JLB]	01.86- 07.90	111362	14	55							
	[JPA]	03.81- 12.85	111289	14	70							
		01.82- 12.85	110362									
							11.86- 07.88	110337	12	0.85		



Escort 1.3 1300	[J1F]	09.73-12.74	110178	14	36		09.73-02.76	110336	12	0.75
		01.75-08.80	110362				RHD 11.75-02.76	110831	12	0.8
		01.75-08.80	110759	14	35					
		RHD 01.75-02.76	110179	14	36					
	[J2]	06.70-12.74	110178	14	36		06.70-02.76	110336	12	0.75
		01.75-08.80	110362				RHD 11.75-02.76	110831	12	0.8
		01.75-08.80	110759	14	35					
		RHD 01.75-02.76	110179	14	36					
	[J3D]	06.70-12.74	110178	14	36		RHD 11.75-02.76	110831	12	0.8
		01.75-08.80	110362				06.70-02.76	110336	12	0.75
		01.75-08.80	110759	14	35					
		RHD 01.75-02.76	110179	14	36					
Escort 1.3 Express	[JBB]	02.86-07.92	111289	14	70		A13 02.86-07.92	111131	12	0.8
		02.86-07.92	111362	14	55		02.86-07.92	110337	12	0.85
	[JLA]	02.86-07.92	111289	14	70		A13 02.86-07.92	111131	12	0.8
		02.86-07.92	111362	14	55		02.86-07.92	110337	12	0.85
	[JLB]	02.86-07.92	110891	14	70		02.86-07.92	110337	12	0.85
		02.86-07.92	111289	14	70		A13 02.86-07.92	111131	12	0.8
	[JBA]	07.88-07.90	110891	14	70	A31	07.88-07.90	111131	12	0.8
		07.88-07.90	111362	14	55					
	[JBB]	02.86-07.92	110891	14	70					
	[JBD]	07.90-12.94	110891	14	70	A31	07.90-12.94	111131	12	0.8
		07.90-12.94	111362	14	55					
	[JLA]	02.86-07.92	110891	14	70					
	[JLB]	02.86-07.92	111362	14	55					
	[JPA]	03.81-05.83	110759	14	35		A13 03.81-12.85	110337	12	0.85
		03.81-05.83	110995				03.81-12.85	111053	12	0.8
	03.81-12.85	111289	14	70						
	01.82-12.85	110362								
Escort 1.4	[FUA]	01.86-07.90	111362	14	55		01.86-07.90	111053	12	0.8
	[FUA]	01.86-07.90	110891	14	70	A31	01.86-07.90	110337	12	0.85
		01.86-07.90	111289	14	70		A13 01.86-07.90	111131	12	0.8
	[F6D]	01.86-08.88	110362				01.86-07.90	111053	12	0.8
	[F6F]	07.90-12.94	110891	14	70	A31	07.90-12.94	111053	12	0.8
		07.90-12.94	111362	14	55		07.90-12.94	111131	12	0.8
	[F6G]	07.90-12.94	110891	14	70	A31	07.90-12.94	111131	12	0.8
	[F6G]	PS 07.90-09.92	111293	14	70		07.90-12.94	111053	12	0.8
	[F6D]	01.86-07.90	111289	14	70		A13 01.86-07.90	111131	12	0.8
		01.86-07.90	111362	14	55		01.86-07.90	110337	12	0.85
	[FUC]	01.86-07.90	110891	14	70	A31	A13 01.86-07.90	111131	12	0.8
		01.86-07.90	111362	14	55		01.86-07.90	110337	12	0.85
	[F6B]	01.86-07.90	111289	14	70		01.86-07.90	111053	12	0.8
	[FUC]	01.86-08.88	110362				01.86-07.90	111053	12	0.8
	[F6B]	01.86-07.90	110891	14	70	A31	01.86-07.90	110337	12	0.85
		01.86-07.90	111362	14	55		A13 01.86-07.90	111131	12	0.8
	[FUAA]	10.85-10.90	110891	14	70	A31	10.85-10.90	110337	12	0.85
		10.85-10.90	111362	14	55		A13 10.85-10.90	111131	12	0.8
	[F4B]	07.90-01.95	111362	14	55		07.90-12.94	111053	12	0.8
	[FUH]	07.90-12.94	110891	14	70	A31	07.90-12.94	111053	12	0.8
	[F4B]	02.94-09.01	111289	14	70		07.90-01.95	111131	12	0.8
	[FUH]	PS 01.95-11.2680	112680	14	70		07.90-12.94	111131	12	0.8
	[F4B]	07.90-01.95	110891	14	70	A31	01.95-09.01	111750	12	1.4
	[F4B]	PS 07.90-09.92	111293	14	70					
		PS 01.95-11.2680	112680	14	70					
		AC 07.90-09.92	111293	14	70					
	[F6B]	01.86-08.88	110362							
	[F6D]	01.86-07.90	110891	14	70	A31				
	[F6F]	PS 07.90-09.92	111293	14	70					
		AC 07.90-09.92	111293	14	70					
	[F6G]	07.90-12.94	111362	14	55					
		AC 07.90-09.92	111293	14	70					
	[FUA]	01.86-08.88	110362							
	[FUC]	01.86-07.90	111289	14	70					
	[FUH]	07.90-12.94	111362	14	55					
	02.95-09.01	111289	14	70						
	PS 07.90-09.92	111293	14	70						
	AC 07.90-09.92	111293	14	70						
	10.85-10.90	111289	14	70						
Escort 1.4 Express	[F4B]	01.95-11.2680	112680	14	70		01.95-11.2680	111131	12	0.8
		01.95-11.2680	111362	14	55					
		PS 01.95-11.2680	112680	14	70					
	[F6F]	07.90-12.94	110891	14	70	A31	07.90-12.94	111131	12	0.8
		07.90-12.94	111362	14	55		07.90-12.94	111053	12	0.8
		PS 07.90-09.92	111293	14	70					
[F6G]	07.90-12.94	110891	14	70	A31	07.90-12.94	111131	12	0.8	
	07.90-12.94	111362	14	55		07.90-12.94	111053	12	0.8	
	PS 07.90-09.92	111293	14	70						
	AC 07.90-09.92	111293	14	70						
Escort 1.4 i	[F4B]	07.93-01.95	111362	14	55		07.93-01.95	111131	12	0.8
	[F4B]	07.93-01.95	110891	14	70	A31				
Escort 1.4 i Express	[F6B]	01.86-11.289	111289	14	70		01.86-11.289	110337	12	0.85
		01.86-11.289	111362	14	55		A13 01.86-11.289	111131	12	0.8
	[F6D]	01.86-11.289	111289	14	70		01.86-11.289	110337	12	0.85
		01.86-11.289	111362	14	55		A13 01.86-11.289	111131	12	0.8
	[FUC]	01.86-11.289	111289	14	70		A13 01.86-11.289	111131	12	0.8
		01.86-11.289	111362	14	55		01.86-11.289	110337	12	0.85
	[F6B]	01.86-11.289	111289	14	70					
	[F6D]	01.86-11.289	111362	14	55					
[FUC]	01.86-11.289	110891	14	70						
Escort 1.6	[LJF]	07.90-12.92	110891	14	70	A31	07.90-09.92	111131	12	0.8
	[LP2]	01.86-12.94	110891	14	70	A31	A13 01.86-07.90	111131	12	0.8
		01.86-07.90	111289	14	70		01.86-07.90	110337	12	0.85
	[LUG]	01.86-08.88	110362				A13 01.86-07.90	111131	12	0.8
		01.86-07.90	110891	14	70	A31	01.86-07.90	110337	12	0.85
	[LGA]	01.82-05.83	111289	14	70		A13 09.80-12.85	110337	12	0.85
	[LUA]	09.80-05.83	110759	14	35		09.80-02.85	110337	12	0.85
		09.80-02.85	111289	14	70		09.80-02.85	111053	12	0.8
	[LP1]	09.80-12.85	110995				09.80-12.85	111053	12	0.8
		01.82-12.85	110362				09.80-12.85	110337	12	0.85
	[LPA]	09.80-12.85	110995				09.80-12.85	110337	12	0.85
		01.82-12.85	110362				09.80-12.85	111053	12	0.8
	[LGA]	09.80-12.85	110995							
		01.82-12.85	110362							
		01.82-05.83	110759	14	35					
	[LJF]	07.90-12.92	111362	14	55					
		PS 07.90-09.92	111293	14	70					
		AC 07.90-09.92	111293	14	70					
	[LP1]	09.80-05.83	110759	14	35					
		09.80-12.85	111289	14	70					
	[LP2]	01.86-12.94	111362	14	55	A31				
	[LPA]	09.80-05.83	110759	14	35					
		09.80-12.85	111289	14	70					
[LUA]	09.80-02.85	110995								
	01.82-02.85	110362								
[LUG]	01.86-07.90	111289	14	70						
	01.86-07.90	111362	14	55						





FORD Continued

Application list

	[LUJ]	07.90-12.94	110891	14	70	A31	07.90-12.94	111131	12	0.8
		07.90-12.94	111362	14	55					
		PS 07.90-08.92	111293	14	70					
		AC 07.90-08.92	111293	14	70					
	[LUK]	07.90-12.94	110891	14	70	A31	07.90-12.94	111131	12	0.8
		07.90-12.94	111362	14	55					
		PS 07.90-08.92	111293	14	70					
		AC 07.90-08.92	111293	14	70					
Escort 1.6 RS	[LC]	12.74-08.80	110362				12.74-08.80	110336	12	0.75
		12.74-08.80	110759	14	35		RHD 11.75-08.80	110831	12	0.8
Escort 1.6 XR3i	[LR2]	01.86-07.90	110891	14	70	A31	01.86-07.90	111750	12	1.4
	[LRB]	01.86-07.90	110891	14	70	A31	01.86-07.90	111750	12	1.4
	[LR1]	10.82-12.85	111289	14	70		10.82-12.85	111053	12	0.8
		10.82-12.85	111362	14	55		10.82-12.85	110337	12	0.85
	[LRA]	10.82-12.85	111289	14	70		10.82-12.85	111053	12	0.8
		10.82-12.85	111362	14	55		10.82-12.85	110337	12	0.85
	[LR1]	10.82-12.85	110362							
	[LR2]	01.86-08.88	110362				01.86-08.89	110337	12	0.85
		01.86-07.90	111289	14	70		01.86-08.89	111131	12	0.8
		01.86-07.90	111362	14	55					
	[LRA]	10.82-12.85	110362							
	[LRB]	01.86-08.88	110362				01.86-08.89	110337	12	0.85
		01.86-07.90	111289	14	70		01.86-08.89	111131	12	0.8
		01.86-07.90	111362	14	55					
Escort 1.6 16V	[L1E]	PS 02.95-07.00	112680	14	70		02.95-07.00	112319	12	1.4
	[L1E]	02.95-	111293	14	70		01.95-07.00	113217#	12	1.4
Escort 1.6 16V 4x4	[L1E]	02.95-	111293	14	70		01.95-10.98	113217#	12	1.4
		PS 02.95-	112680	14	70		02.95-	112319	12	1.4
Escort 1.6 16V XR3i	[L1E]	02.93-01.95	111293	14	70		02.93-01.95	111750	12	1.4
	[L1H]	02.95-	111293	14	70		02.95-12.96	113217#	12	1.4
		PS 02.95-	112680	14	70		02.95-	112319	12	1.4
	[L1E]	02.93-01.95	110891	14	70	A31	02.95-	112319	12	1.4
		02.93-01.95	111362	14	55		02.95-09.99	113217#	12	1.4
		PS 02.93-01.95	111292#	14	70					
		PS 02.95-	112680	14	70					
Escort 1.6 i 16V	[L1H]	PS 01.94-01.95	111292#	14	70		01.94-01.95	111750	12	1.4
	[L1E]	PS 09.92-01.95	111292#	14	70		09.92-01.95	111750	12	1.4
	[L1H]	01.94-01.95	110891	14	70	A31	01.95-08.95	112319	12	1.4
	[L1H]	01.94-01.95	111362	14	55		02.94-08.95	113217#	12	1.4
	[L1E]	09.92-01.95	110891	14	70	A31				
		09.92-01.95	111293	14	70					
		09.92-01.95	111362	14	55					
	[L1H]	01.94-01.95	111293	14	70		01.95-	112141	12	1.0
		PS 01.95-08.95	112680	14	70		01.95-10.00	112235	12	1.4
Escort 1.6 i	[LR1]	09.83-12.85	110362				09.83-12.85	110337	12	0.85
	[LRA]	09.83-12.85	110995				09.83-12.85	110337	12	0.85
	[L4B]	07.85-08.88	110362				01.86-07.90	111750	12	1.4
	[LJB]	08.89-07.90	111362	14	55		08.89-07.90	111750	12	1.4
	[L4B]	07.85-07.90	111289	14	70		01.86-09.92	111131	12	0.8
	[L1E]	PS 02.95-	112680	14	70		09.92-01.95	111750	12	1.4
	[L1E]	09.92-01.95	111293	14	70		02.95-	112319	12	1.4
		09.92-01.95	112680	14	70		01.95-02.99	113217#	12	1.4
	[L1K]	08.93-12.94	110891	14	70	A31	08.93-01.95	112319	12	1.4
		07.94-12.94	112680	14	70		01.95-02.99	113217#	12	1.4
	[L4B]	01.86-07.90	110891	14	70	A31	07.85-12.86	110337	12	0.85
	[L1K]	08.93-12.94	111362	14	55					
		02.95-	111293	14	70					
		PS 02.95-	112680	14	70					
	[L4B]	07.85-12.85	110995							
		01.86-07.90	111362	14	55					
	[LJB]	08.89-07.90	110891	14	70	A31				
		08.89-07.90	111289	14	70					
	[LR1]	09.83-12.85	110995							
		09.83-12.85	111289	14	70					
	[LRA]	09.83-12.85	110362							
		09.83-12.85	111289	14	70					
Escort 1.6 i 1600 RS	[LUAE]	05.82-12.85	111289	14	70		05.82-12.85	110337	12	0.85
	[LUAF]	05.82-12.85	110362							
Escort 1.6 Turbo RS	[LNB]	01.86-07.90	110891	14	70	A31	01.86-07.90	110337	12	0.85
		01.86-07.90	111362	14	55		01.86-07.90	111131	12	0.8
	[LNA]	11.84-12.85	111289	14	70		11.84-12.85	110337	12	0.85
	[LNA]	11.84-12.85	111362	14	55					
	[LNB]	01.86-08.88	110362							
		01.86-07.90	111289	14	70					
Escort 1.6 Diesel	[LTA]	04.84-01.89	111368	14	70		04.84-12.85	110867	12	1.7
	[LTC]	10.87-08.88	111176	14	75		01.86-01.89	110867	12	1.7
	[LTA]	04.84-01.89	111364	14	55					
	[LTC]	01.86-01.89	111364	14	55					
		01.86-01.89	111368	14	70					
		01.86-01.89	113624#	14	70					
Escort 1.6 Diesel Express	[LTA]	04.84-01.89	111364	14	55		02.84-07.90	110227	12	
		04.84-01.89	111368	14	70		04.84-01.89	110867	12	1.7
	[LTA]	02.86-07.90	113624#	14	70					
Escort 1.8 16V	[RKC]						01.95-01.96	113216#	12	1.4
	[RKC]	PS 01.95-	112680	14	70		01.95-10.00	112235	12	1.4
	[RDA]						01.95-08.95	112319	12	1.4
	[RKC]	01.95-	111293	14	70		01.95-02.99	113217#	12	1.4
	[RKC]						01.95-	112319	12	1.4
	[RDA]	PS 09.92-12.94	111292#	14	70		01.95-10.00	112235	12	1.4
	[RDA]	PS 01.95-08.95	112680	14	70		01.95-08.95	113217#	12	1.4
	[RDA]	02.92-08.95	111293	14	70		02.92-08.95	113216#	12	1.4
	[RDA]						02.92-12.94	111750	12	1.4
							01.95-	112141	12	1.0
	[RKC]						01.95-	112141	12	1.0
Escort 1.8 16V XR3i	[RDA]	PS 02.92-12.94	111292#	14	70		10.95-	112319	12	1.4
	[RKC]	01.95-	111293	14	70		01.95-	112141	12	1.0
		PS 01.95-	112680	14	70		10.95-08.98	113217#	12	1.4
	[ROB]	PS 10.95-	112680	14	70		10.95-	112319	12	1.4
		AC 09.92-01.95	111292#	14	70		01.95-	112141	12	1.0
		PS 02.93-01.95	111292#	14	70		02.93-01.95	111750	12	1.4
		02.93-01.95	111293	14	70		12.92-01.95	113216#	12	1.4
	[RDA]	02.92-12.94	111293	14	70		02.92-12.94	111750	12	1.4
	[ROB]	02.92-01.95	111293	14	70		02.92-01.95	111750	12	1.4
		PS 02.92-01.95	111292#	14	70		02.92-01.96	113216#	12	1.4
	[RDA]	PS 10.95-	112680	14	70		02.92-01.96	113216#	12	1.4
	[RDA]						01.95-	112141	12	1.0
							02.95-08.98	113217#	12	1.4
	[RKC]						01.95-	112319	12	1.4
							10.95-01.96	113216#	12	1.4
Escort 1.8 16V XR3i 4x4	[RDA]	08.93-01.95	111293	14	70		08.93-01.95	113216#	12	1.4
		PS 08.93-01.95	111292#	14	70		08.93-01.95	111750	12	1.4
	[ROB]	08.93-01.95	111293	14	70		08.93-01.95	113216#	12	1.4
		PS 08.93-01.95	111292#	14	70		08.93-01.95	111750	12	1.4
Escort 1.8 i 16V	[RDA]	09.92-01.95	111293	14	70		09.92-01.95	111750	12	1.4
		PS 09.92-01.95	111292#	14	70		09.92-01.95	113216#	12	1.4
	[ROB]	02.93-01.95	111293	14	70		02.93-01.95	113216#	12	1.4
		PS 02.93-01.95	111292#	14	70		02.93-01.95	111750	12	1.4



Escort 1.8 Diesel	[RTA]	01.89- 07.90	111356	14	55		01.89- 07.90	110867	12	1.7	
		01.89- 07.90	111368	14	70		A13 01.89- 07.90	112290	12	2.2	
	[RTB]	01.89- 07.90	111368	14	70		A13 01.89- 07.90	112290	12	2.2	
	[RTB]	01.89- 07.90	111364	14	55		07.88- 07.90	110867	12	1.7	
	[RFD]	02.93- 01.95	111356	14	55		02.93- 01.95	112290	12	2.2	
		02.93- 01.95	112326				02.93- 01.95	110867	12	1.7	
	[RFK]	02.93- 01.95	111356	14	55		02.93- 01.95	113216#	12	1.4	
		02.93- 01.95	112326				02.93- 01.95	110867	12	1.7	
	[RTH]	07.90- 01.95	111364	14	55		07.90- 12.95	110867	12	1.7	
	[RTE]	01.95- 12.95	111570				07.90- 12.95	110867	12	1.7	
	[RTE]	07.90- 12.95	111356	14	55		01.91- 12.96	113216#	12	1.4	
	[RTE]	07.90- 12.94	111368	14	70		07.90- 12.95	112290	12	2.2	
	[RTF]	07.90- 02.99	111356	14	55		07.90- 02.99	110867	12	1.7	
	[RTH]	07.90- 12.95	111356	14	55		01.91- 12.96	113216#	12	1.4	
	[RTF]	01.95- 02.99	111570				07.90- 02.99	112290	12	2.2	
	[RTF]	07.90- 12.94	111364	14	55		01.91- 12.96	113216#	12	1.4	
	[RTH]	07.90- 01.95	111368	14	70		07.90- 12.95	112290	12	2.2	
	[RFD]						02.93- 01.95	113216#	12	1.4	
	[RFK]						02.93- 01.95	112290	12	2.2	
	[RTA]		01.89- 07.90	111364	14	55		07.88- 07.90	110227	12	
			01.89- 07.90	111570							
		RHD	01.89- 07.90	111356	14	55					
	[RTB]		01.89- 07.90	111356	14	55		07.88- 07.90	110227	12	
			01.89- 07.90	111570							
		RHD	01.89- 07.90	111356	14	55					
	[RTE]		07.90- 12.94	111364	14	55					
	[RTF]		07.90- 12.94	111368	14	70					
			PS 01.95- 02.99	112121	14	70					
		PS 01.95- 02.99	112325	14	70						
		AC 01.95- 02.99	112325	14	70						
[RTH]		01.95- 12.95	111570								
Escort 1.8 Diesel Express	[RTF]	01.95- 01.95	111356	14	55		01.95- 01.96	113216#	12	1.4	
		01.95- 01.95	111570				01.95- 01.95	110867	12	1.7	
		01.95- 01.95	112325	14	70		01.95- 01.95	112290	12	2.2	
		01.95- 01.95	112326								
	[RTH]	07.90- 12.94	111356	14	55		07.90- 12.94	110867	12	1.7	
		07.90- 12.94	111364	14	55		07.90- 12.94	112290	12	2.2	
		07.90- 12.94	111368	14	70		01.91- 01.96	113216#	12	1.4	
		01.95- 01.95	111570								
		01.95- 01.95	112325	14	70						
		01.95- 01.95	112326								
Escort 1.8 TD	[RVA]	01.95- 08.99	111356	14	55		12.95- 12.96	113216#	12	1.4	
		01.95- 09.99	112325	14	70		01.95- 09.01	110867	12	1.7	
	[RFK]	02.93- 10.98	112325	14	70		02.93- 07.00	112290	12	2.2	
		PS 01.95- 09.01	112121	14	70		02.93- 07.00	110867	12	1.7	
	[RFK]	02.93- 09.01	111356	14	55		02.93- 08.98	113216#	12	1.4	
	[RVA]	01.97- 09.01	112121	14	70		01.95- 09.01	112290	12	2.2	
	[RFS]	02.93- 01.95	111356	14	55		02.93- 01.95	112290	12	2.2	
		PS 02.93- 01.95	112325	14	70		02.93- 01.95	113216#	12	1.4	
		AC 02.93- 01.95	112325	14	70		02.93- 01.95	110867	12	1.7	
	[RFD]	08.93- 09.01	111570				02.93- 07.00	110867	12	1.7	
		PS 01.97- 09.01	112121	14	70		02.93- 07.00	112290	12	2.2	
	[RFD]	02.93- 09.01	111356	14	55		02.93- 08.98	113216#	12	1.4	
	[RFD]	02.93- 07.00	112325	14	70						
	[RFK]	08.93- 09.01	111570								
		08.93- 01.95	112326								
		02.99- 07.00	110867								
	[RVA]	AC 10.99- 09.01	112326								
Escort 1.8 TD Express	[RVA]	12.95- 06.01	111570				01.92- 12.92	113216#	12	1.4	
		12.95- 10.98	112325	14	70		12.95- 10.98	110867	12	1.7	
		PS 01.97- 06.01	112121	14	70		12.95- 10.98	112290	12	2.2	
							12.95- 01.96	113216#	12	1.4	
Escort 2.0 RS	[NE]						03.73- 08.80	110870#	12	1.0	
[NE]		03.73- 08.80	111086	14	65						
Escort 2.0 RS 2000	[N7A]	09.92- 02.98	110891	14	70		09.92- 01.95	111750	12	1.4	
Escort 2.0 RS 2000 4x4	[N7A]	08.93- 01.95	110891	14	70						
Escort 2.0 16V RS 2000	[N7A]	05.91- 12.94	110891	14	70		05.91- 12.92	111750	12	1.4	
Escort 2.0 16V RS Cosworth 4x4	[NSF]	01.95- 01.95	112725	14	70		02.95- 10.98	111131	12	0.8	
[NSF]											
Explorer 4.0 V6	[J2]	01.93- 01.93	111200	14	130		01.93- 01.97	112597	12	1.4	
							01.97- 01.97	112607	12	1.4	
							01.93- 01.93	111844	12	1.4	
							05.98- 01.01	112597	12	1.4	
							01.97- 01.97	112607	12	1.4	
Explorer 4.0 V6 4x4							05.76- 08.83	111053	12	0.8	
Fiesta 0.9	[TKW]	05.76- 08.83	111289	14	70						
[TKW]		05.76- 08.83	110362								
		05.76- 08.83	110995								
Fiesta 1.0	[TKB]	08.83- 11.89	111362	14	55		08.83- 11.89	111053	12	0.8	
		09.83- 02.89	111289	14	70		08.83- 11.89	110337	12	0.85	
	[TKB]						A13 08.83- 11.89	111131	12	0.8	
	[TLA]	05.76- 08.83	110362				05.76- 08.83	111053	12	0.8	
	[TLB]	03.89- 12.95	110891	14	70	A31	03.89- 12.95	111053	12	0.8	
		03.89- 12.95	111362	14	55		03.89- 12.95	111131	12	0.8	
	[TKA]	05.76- 11.86	111289	14	70		05.76- 11.86	111053	12	0.8	
	[TKA]	05.76- 08.83	110362								
		05.76- 08.83	110995								
	[TLA]	05.76- 08.83	110995								
		05.76- 08.83	111289	14	70						
	[TLB]	RHD	111362	14	55						
Fiesta 1.0 i	[CA4]	02.97- 09.99	113447	14	70						
[CAE]		09.99- 09.99	113447	14	70						
Fiesta 1.1	[GSH]	01.86- 02.89	111362	14	55	A31	05.86- 02.89	110337	12	0.85	
		05.86- 02.89	111289	14	70		A13 05.86- 02.89	111131	12	0.8	
	[GLC]	09.83- 02.89	111289	14	70		09.83- 02.89	110337	12	0.85	
		09.83- 02.89	111362	14	55		A13 09.83- 02.89	111131	12	0.8	
	[GSF]	09.83- 02.89	111289	14	70		09.83- 02.89	111053	12	0.8	
		09.83- 02.89	111362	14	55		09.83- 02.89	110337	12	0.85	
	[GLA]	05.76- 08.83	110995				05.76- 08.83	111053	12	0.8	
	[GLW]	08.81- 08.83	110995				08.81- 08.83	111053	12	0.8	
	[G6A]	03.89- 12.95	110891	14	70	A31	03.89- 12.95	110337	12	0.85	
		03.89- 12.95	111362	14	55		03.89- 12.95	111131	12	0.8	
	[GUD]	03.89- 12.95	110891	14	70	A31	03.89- 12.95	111131	12	0.8	
		03.89- 12.95	111362	14	55		03.89- 12.95	110337	12	0.85	
	[GUE]	03.89- 12.95	110891	14	70	A31	03.89- 12.95	110337	12	0.85	
		03.89- 12.95	111362	14	55		03.89- 12.95	111131	12	0.8	
	[GL1]	10.77- 08.83	110362				10.77- 11.86	110337	12	0.85	
		10.77- 08.83	110995				10.77- 11.86	111053	12	0.8	
	[GL1]	10.77- 11.86	111289	14	70						
	[GLA]	05.76- 08.83	110362								
		05.76- 08.83	111289	14	70						
	[GLC]						09.83- 02.89	111053	12	0.8	
	[GLW]	08.81- 08.83	110362								
		08.81- 08.83	111289	14	70						
	[GSF]						A13 09.83- 02.89	111131	12	0.8	

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

FORD Continued

Fiesta 1.2 16V	[FUJB]	AC 05.02-	114129	14	90	05.02-	111906	12	1.1
	[M7JA]	AC 03.03-	114129	14	90	03.03-	111906	12	1.1
	[M7JB]	AC 03.03-	114129	14	90	03.03-	111906	12	1.1
	[FUJA]					05.02-	111906	12	1.1
Fiesta 1.2 i 16V	[DHA]	08.95- 01.02	113952	14	70	10.95-	111906	12	1.1
	[DHB]	08.95- 01.02	113952	14	70	10.98-	111906	12	1.1
	[DHC]	08.95- 01.02	113952	14	70	11.95-	111906	12	1.1
	[DHD]	08.95- 01.02	113952	14	70	08.95-	111906	12	1.1
	[DHE]	02.00- 01.02	113952	14	70	08.95-	111906	12	1.1
	[DHF]	02.00- 01.02	113952	14	70	08.95-	111906	12	1.1
	[DHG]	02.00- 01.02	113952	14	70	08.95-	111906	12	1.1
Fiesta 1.3	[J6B]	05.91- 02.96	111362	14	55	01.95- 10.98	113701	12	1.1
	[J6B]	12.96	110891	14	70	05.91- 02.96	111131	12	0.8
	[JPC]	09.83- 01.87	111289	14	70	A13 01.86- 01.87	111131	12	0.8
		09.83- 01.87	111362	14	55	09.83- 01.87	110337	12	0.85
		RHD 02.84- 01.87	111364	14	55	09.83- 01.87	111053	12	0.8
	[J3E]	08.77- 08.83	111289	14	70	08.77- 08.83	111053	12	0.8
	[JBC]	03.89- 12.92	110891	14	70	A31 03.89- 12.95	111131	12	0.8
	[J4C]	PS 02.96-	113447	14	70	02.96-	113701	12	1.1
	[BAJA]	11.01-	113883	14	90	11.01-	114162	12	1.1
	[A9JA]	11.01-	113883	14	90	11.01-	114162	12	1.1
	[A9JB]	11.01-	113883	14	90	11.01-	114162	12	1.1
	[J3E]	10.81- 08.83	111362	14	55				
	[J4C]					02.96-	111680	12	1.1
	[JBC]	02.84- 01.86	110362						
		06.91- 12.95	111362	14	55				
		RHD 02.84- 12.88	111364	14	55				
		RHD 02.84- 12.96	111368	14	70				
	[JPC]	09.83- 01.87	110362						
		09.83- 01.87	110891	14	70				
		RHD 02.84- 01.87	111368	14	70				
Fiesta 1.3 i	[JJA]	08.85- 01.02	113833	14	90	02.96-	113701	12	1.1
		PS 01.96-	113447	14	70	08.95- 01.02	111680	12	1.1
	[JJC]	01.02-	113833	14	90	02.96-	113701	12	1.1
		PS 10.98-	113447	14	70	08.95- 01.02	111680	12	1.1
	[J4C]	08.95- 01.02	113833	14	90	08.95- 01.02	113701	12	1.1
		PS 01.96-	113447	14	70	08.95- 01.02	111680	12	1.1
	[J4J]	08.95- 01.02	113833	14	90	08.95- 01.02	113701	12	1.1
		PS 10.98-	113447	14	70	08.95- 01.02	111680	12	1.1
	[J4L]	08.95-	111362	14	55	08.95- 01.02	113701	12	1.1
		PS 03.00-	113447	14	70	08.95- 01.02	111680	12	1.1
	[J4Q]	08.95-	111362	14	55	08.95- 01.02	113701	12	1.1
		AC 08.95- 02.00	113447	14	70	08.95- 01.02	111680	12	1.1
	[J4R]	PS 03.00-	113447	14	70	08.95- 01.02	111680	12	1.1
		AC 08.95- 02.00	113447	14	70	08.95- 01.02	113701	12	1.1
	[J4T]	08.95- 01.02	113833	14	90	08.95- 01.02	111680	12	1.1
		AC 08.95- 02.00	113447	14	70	08.95- 01.02	113701	12	1.1
	[JJE]	01.02-	113833	14	90	08.95- 01.02	111680	12	1.1
		PS 03.00-	113447	14	70	02.96-	113701	12	1.1
	[J4J]	PS 03.00-	113447	14	70	02.96-	113701	12	1.1
		AC 08.95- 02.00	113447	14	70	08.95- 01.02	111680	12	1.1
	[JJK]	08.95-	111362	14	55	02.96-	113701	12	1.1
		PS 03.00-	113447	14	70	08.95- 01.02	111680	12	1.1
	[J4M]	01.02-	113833	14	90	08.95- 01.02	111680	12	1.1
		AC 08.95- 02.00	113447	14	70	02.96-	113701	12	1.1
	[J4L]	08.95- 01.02	113833	14	90				
		AC 08.95- 02.00	113447	14	70				
	[J4Q]	08.95- 01.02	113833	14	90				
		PS 03.00-	113447	14	70				
	[J4R]	08.95-	111362	14	55				
		08.95- 01.02	113833	14	90				
	[J4T]	08.95-	111362	14	55				
		PS 03.00-	113447	14	70				
[JJE]	AC 08.95- 02.00	113447	14	70					
[J4J]	01.02-	113833	14	90					
	08.95-	111362	14	55					
[J4K]	01.02-	113833	14	90					
	AC 08.95- 02.00	113447	14	70					
[J4M]	08.95-	111362	14	55					
	PS 08.95-	113447	14	70					
Fiesta 1.4	[FUBA]	09.83- 01.87	110891	14	70	A31 09.83- 01.87	110337	12	0.85
	[F6A]	10.86- 02.89	110891	14	70	10.86- 02.89	110337	12	0.85
		RHD 10.86- 02.89	111364	14	55	10.86- 02.89	111053	12	0.8
		RHD 10.86- 02.89	111368	14	70	A13 10.86- 02.89	111131	12	0.8
	[F6C]	10.86- 02.89	110891	14	70	A13 10.86- 02.89	111131	12	0.8
		10.86- 02.89	111362	14	55	10.86- 02.89	111053	12	0.8
		RHD 10.86- 02.89	111368	14	70	10.86- 02.89	110337	12	0.85
	[FUB]	09.83- 02.89	110891	14	70	09.83- 02.89	111053	12	0.8
		RHD 09.83- 12.95	111364	14	55	A13 01.86- 02.89	111131	12	0.8
		RHD 09.83- 12.95	111368	14	70	09.83- 02.89	110337	12	0.85
	[FUD]	02.87- 02.89	113624#	14	70	02.87- 02.89	110337	12	0.85
		RHD 02.87- 02.89	111368	14	70	A13 02.87- 02.89	111131	12	0.8
		RHD 10.87- 12.95	111176	14	75	02.87- 02.89	111053	12	0.8
	[F4A]	01.94- 12.95	111176	14	75	01.94- 12.95	111750	12	1.4
		01.94- 12.95	111364	14	55	01.94- 12.95	111131	12	0.8
	[F6E]	03.89- 12.95	111176	14	75	11.91- 12.95	111750	12	1.4
		03.89- 12.95	113624#	14	70	03.89- 12.95	111131	12	0.8
	[FUG]	03.89- 12.95	111176	14	75	11.91- 12.95	111750	12	1.4
		03.89- 12.95	111364	14	55	03.89- 12.95	111131	12	0.8
	[FUJ]	03.89- 12.95	111176	14	75	11.91- 12.95	111750	12	1.4
		03.89- 12.95	111364	14	55	03.89- 12.95	111131	12	0.8
	[F4A]	03.89- 12.95	113624#	14	70				
	[F6A]	10.86- 02.89	111362	14	55				
	[F6C]	RHD 10.86- 02.89	111364	14	55				
	[FUB]	09.83- 01.87	110362						
		09.83- 02.89	111362	14	55				
		10.85- 11.89	113624#	14	70				
	[FUBA]	09.83- 01.87	113624#	14	70				
	[FUD]	02.87- 02.89	110362						
		02.87- 02.89	110891	14	70				
		02.87- 02.89	111362	14	55				
		RHD 02.87- 02.89	111364	14	55				
[FUG]	03.89- 12.95	113624#	14	70					
[FUJ]	03.89- 12.95	113624#	14	70					
Fiesta 1.4 i 16V	[FHA]	04.96- 01.02	113952	14	70	10.95-	111906	12	1.1
	[FHE]	04.96- 01.02	113952	14	70	04.96- 12.00	111906	12	1.1
	[FXJA]	AC 11.01-	114129	14	90	11.01-	111906	12	1.1
	[FXJB]					11.01-	111906	12	1.1
Fiesta 1.4 i	[FHA]	04.96- 10.99	113952	14	70	04.96-	111906	12	1.1
	[F6JA]	11.01-	113912	14	80	11.01-	113905	12	1.4
Fiesta 1.4 TDCI	[F6JB]	11.01-	113912	14	80	11.01-	113905	12	1.4
	[F6JD]					07.10-	113905	12	1.4
					01.09-	113905	12	1.4	
Fiesta 1.6	[LUH]	01.89- 01.94	111176	14	75	11.91- 01.94	111750	12	1.4
		01.89- 01.94	111364	14	55	01.89- 01.94	111131	12	0.8
		01.89- 01.94	113624#	14	70				
		RHD 01.89-	111086	14	65				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Fiesta 1.6 XR2	[LUB]	04.84- 02.89	111289	14	70			AT 04.84- 02.89	110337	12	0.85
	[LUD]	03.84- 02.89	111362	14	55			AT 03.84- 02.89	110337	12	0.85
	[L3E]	08.81- 08.83	111289	14	70			08.81- 08.83	111053	12	0.8
	[L3E]	08.81- 02.89	111362	14	55						
	[LUB]	04.84- 02.89	110362								
		04.84- 02.89	110891	14	70						
		04.84- 02.89	111362	14	55						
		04.84- 02.89	111364	14	55						
	[LUD]	03.84- 02.89	110362								
		03.84- 02.89	110891	14	70						
	03.84- 02.89	111289	14	70							
	03.84- 12.95	111364	14	55							
	03.84- 02.89	113624#	14	70							
Fiesta 1.6 XR2i	[LJC]	03.89- 12.95	111176	14	75			11.91- 12.95	111750	12	1.4
		03.89- 12.95	111364	14	55			03.89- 12.95	111131	12	0.8
	[LJD]	03.89- 12.95	111176	14	75			03.89- 12.95	111131	12	0.8
		03.89- 12.95	111364	14	55			11.91- 12.95	111750	12	1.4
	[LJD]	03.89- 03.93	113624#	14	70						
Fiesta 1.6 16V	[FYJA]	AC 11.01-	114129	14	90			11.01-	111906	12	1.1
	[FYJB]	AC 11.01-	114129	14	90						
Fiesta 1.6 16V Sport	[LIT]	02.00- 01.02	113952	14	70			10.99-	111906	12	1.1
	[LIV]	02.00- 01.02	113952	14	70			10.99-	111906	12	1.1
Fiesta 1.6 i 16V	[LIG]	01.94- 12.95	111293	14	70			01.94- 12.95	111750	12	1.4
		PS 01.94- 12.95	111292#	14	70						
		AC 01.94- 12.95	111292#	14	70						
Fiesta 1.6 Turbo	[LHA]	03.90- 10.92	111364	14	55			03.90- 10.92	111131	12	0.8
	[LHA]	03.90- 10.92	111176	14	75						
		03.90- 10.92	113624#	14	70						
Fiesta 1.6 Diesel	[LTB]	04.84- 02.89	111364	14	55			04.84- 02.89	110867	12	1.7
	[LTB]	09.83- 09.89	113624#	14	70						
		04.84- 02.89	111356	14	55						
		04.84- 02.89	111368	14	70						
Fiesta 1.6 TDCi	[HHJA]	11.04-	113849	14	150			11.04-	113905	12	1.4
	[HHJB]	11.04-	113922	14	120			11.04-	113905	12	1.4
	[HHJA]	11.04-	113922	14	120						
	[HHJB]	11.04-	113849	14	150						
	[HHJD]							10.08-	113905	12	1.4
	[HHJF]							10.08-	113905	12	1.4
Fiesta 1.8 16V	[RDB]	PS 01.94- 12.95	111292#	14	70			02.92- 12.95	111750	12	1.4
	[RDB]	02.92- 12.95	111293	14	70						
		AC 01.94- 12.95	111292#	14	70						
Fiesta 1.8 16V XR2i	[ROC]	02.92- 12.95	111293	14	70			02.92-	111131	12	0.8
		AC 02.92- 12.95	111292#	14	70			02.92- 12.95	111750	12	1.4
	[ROC]	PS 02.92- 12.95	111292#	14	70						
Fiesta 1.8 Diesel	[RTC]	03.89- 02.96	111364	14	55			03.89- 02.96	112290	12	2.2
	[RTC]	03.89- 02.96	111356	14	55			03.89- 02.96	110867	12	1.7
	[RTD]	03.89- 02.96	111356	14	55			03.89- 02.96	110867	12	1.7
		03.89- 02.96	111570					03.89- 02.96	112290	12	2.2
	[RTG]	03.89- 02.96	111364	14	55			03.89- 02.96	112290	12	2.2
		03.89- 02.96	111570					03.89- 02.96	110867	12	1.7
	[RTK]	01.96-	112121	14	70			01.96-	110867	12	1.7
	[RTN]	04.00- 01.02	113599	14	80			04.00- 01.02	112290	12	2.2
	[RTJ]							01.96-	110867	12	1.7
	[RTN]	04.00- 01.02	112654	14	90			04.00- 01.02	110867	12	1.7
	[RTP]	04.00- 01.02	113599	14	80			02.00- 12.02	112290	12	2.2
	[RTQ]	04.00- 01.02	113599	14	80			02.00- 12.02	112290	12	2.2
	[RTJ]	01.96-	112121	14	70			01.96-	112290	12	2.2
	[RTK]							01.96-	112290	12	2.2
	[RTC]	03.89- 02.96	111570								
	[RTD]	03.89- 02.96	111364	14	55						
	[RTG]	03.89- 02.96	111356	14	55						
	[RTN]	A17 04.00- 01.02	114066	14	90						
	[RTP]	04.00- 01.02	112654	14	90						
	[RTQ]	04.00- 01.02	112654	14	90						
	A17 04.00- 01.02	114066	14	90							
Fiesta 1.8 TD	GFJ	03.93- 12.95	111570					03.93- 12.95	110867	12	1.7
		03.93- 12.95	111356	14	55			03.93- 12.95	112290	12	2.2
	[RTN]	03.00-	113599	14	80			03.00-	112290	12	2.2
	[RTN]	03.00-	112654	14	90						
	[RTP]	03.00-	114066	14	90						
	[RTQ]	03.00-	114066	14	90						
Focus 1.4	[ASDA]							11.04-	111906	12	1.1
	[ASDB]							11.04-	111906	12	1.1
Focus 1.4 i 16V	[FXDA]	02.99- 06.03	111795	14	80			10.98-	111906	12	1.1
	[FXDB]	10.98-	111795	14	80			10.98-	111906	12	1.1
	[FXDC]	10.98- 11.04	113952	14	70			10.98-	111906	12	1.1
	[FXDD]	10.98- 11.04	113952	14	70			10.98-	111906	12	1.1
	[FXDA]	10.98- 11.04	113952	14	70						
	[FXDB]	10.98- 11.04	113952	14	70						
	[FXDC]	02.99- 06.03	111795	14	80						
	[FXDD]	10.98-	111795	14	80						
Focus 1.6	[HWDA]							11.04-	111906	12	1.1
	[HWDB]							11.04-	111906	12	1.1
Focus 1.6 C-Max	[HWDA]	10.03-	111795	14	80			10.03-	111906	12	1.1
Focus 1.6 FlexFuel	[FYDH]	01.02- 11.04	113952	14	70						
Focus 1.6 i 16V	[FYDB]	10.98-	111795	14	80			10.98-	111906	12	1.1
	[FYDC]	10.98- 11.04	113952	14	70			10.98-	111906	12	1.1
	[FYDD]	10.98-	111795	14	80			10.98-	111906	12	1.1
	[FYDA]	10.98- 11.04	113952	14	70			10.98-	111906	12	1.1
	[FYDA]	10.98-	111795	14	80						
	[FYDB]	10.98- 11.04	113952	14	70						
	[FYDC]	10.98-	111795	14	80						
	[FYDD]	10.98- 11.04	113952	14	70						
	[FYDH]	10.98- 11.04	113952	14	70						
		[FYDH]	10.98- 11.04	113952	14	70					
Focus 1.6 Ti	[HXDA]							04.05-	111906	12	1.1
								11.04-	111909	12	1.1
Focus 1.6 Ti C-Max	[HXDA]							08.04-	111906	12	1.1
Focus 1.6 TDCi	[G8DA]	11.04-	113849	14	150			11.04-	113908	12	1.2
	[HHDA]	11.04-	113849	14	150			11.04-	113908	12	1.2
	DAW	12.07-	113849	14	150			12.07-	113908	12	1.2
	[G8DB]	11.04-	113922	14	120			11.04-	113908	12	1.2
	[HHDB]	11.04-	113922	14	120			11.04-	113908	12	1.2
	[G8DA]	11.04-	113922	14	120						
	[G8DB]	11.04-	113849	14	150						
	[HHDA]	11.04-	113922	14	120						
	[HHDB]	11.04-	113849	14	150						
		12.07-	113922	14	120						
Focus 1.6 TDCi C-Max	[G8DA]	10.03- 03.07	113849	14	150			10.03- 03.07	113908	12	1.2
		10.03- 03.07	113922	14	120						
	[G8DB]	10.03- 03.07	113849	14	150			10.03- 03.07	113908	12	1.2
		10.03- 03.07	113922	14	120						
	[HHDA]	02.05- 03.07	113849	14	150			02.05- 03.07	113908	12	1.2
	[HHDB]	02.05- 03.07	113922	14	120			02.05- 03.07	113908	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** *Continued*

Focus 1.8	DA				03.06-	113906	12	1.2	
	DAW_ DA_	03.06-	113978	14	120	03.06-	113907	12	1.2
Focus 1.8 C-Max	[CSDA]	10.03- 03.07	113978	14	120	10.03- 03.07	113907	12	1.2
						10.03- 03.07	113906	12	1.2
	[CSDB]	10.03- 03.07	113978	14	120	10.03- 03.07	113907	12	1.2
						10.03- 03.07	113906	12	1.2
	[O7DA]	06.03-	113978	14	120	04.04-	113907	12	1.2
						04.04-	113906	12	1.2
	[OQDA]	06.03- 03.07	113978	14	120	04.04-	113907	12	1.2
						04.04-	113906	12	1.2
	[OQDB]	06.03-	113978	14	120	04.04-	113907	12	1.2
						04.04-	113906	12	1.2
Focus 1.8 C-Max FlexFuel	[O7DA]					01.06- 03.07	113907	12	1.2
Focus 1.8 FlexFuel	[O7DA]	06.06-	113978	14	120	01.06-	113907	12	1.2
						06.06-	113906	12	1.2
Focus 1.8 i 16V	[EYDB]					10.98- 11.04	113217#	12	1.4
	[EYDC]	10.98-	112143	14	80	10.98- 11.04	113217#	12	1.4
	[EYDF]					10.98- 11.04	113217#	12	1.4
	[EYDG]					10.98- 11.04	113217#	12	1.4
	[EYDD]					10.98- 11.04	113217#	12	1.4
	[EYDI]					10.98- 11.04	113217#	12	1.4
	[EYDL]					10.98- 11.04	113217#	12	1.4
	[EYDC]					A13 10.98-	112235	12	1.4
						10.98-	112235	12	1.4
	[EYDE]					10.98- 11.04	113217#	12	1.4
	[EYDJ]					10.98- 11.04	113217#	12	1.4
Focus 1.8 TDCi	[FFDA]	09.02-	112142	14	90	09.02- 11.04	114119	12	2.2
	[F9DA]	03.01-	112142	14	90	03.01- 11.04	114119	12	2.2
	[F9DB]	03.01-	112142	14	90	03.01- 11.04	114119	12	2.2
	[KKDA]	AC, w/electrical heating system	11.04-	114248	14	150			
Focus 1.8 TDCi C-Max	[KKDA]	AC, w/electrical heating system	01.05-	114248	14	150			
Focus 1.8 TDDi	[C9DC]	10.98-	112142	14	90	05.01- 05.05	114119	12	2.2
		10.98- 11.04	113710	14	110	10.98- 05.01	112290	12	2.2
	[C9DA]	10.98- 11.04	113710	14	110	10.98- 05.01	112290	12	2.2
	[C9DB]	10.98- 12.00	112142	14	90	01.99- 05.01	112290	12	2.2
		10.98- 11.04	113710	14	110	05.01- 05.05	114119	12	2.2
	[C9DA]	10.98- 12.00	112142	14	90	05.01- 05.05	114119	12	2.2
	[BHDA]	08.99-	112142	14	90	08.99- 05.01	112290	12	2.2
		08.99- 11.04	113710	14	110	05.01- 05.05	114119	12	2.2
	[BHDB]	08.99-	112142	14	90	05.01- 05.05	114119	12	2.2
		08.99- 11.04	113710	14	110	08.99- 05.01	112290	12	2.2
Focus 2.0	[AODA]	11.04-	113978	14	120	11.04-	113906	12	1.2
	[AODB]	11.04-	113978	14	120	11.04-	113906	12	1.2
	[ALDA]	03.02- 06.03	112143	14	80				
		AT 03.02- 06.03	112142	14	90				
Focus 2.0 C-Max	[AODA]	04.04- 03.07	113978	14	120	04.04- 03.07	113906	12	1.2
	[AODB]	04.04- 03.07	113978	14	120	04.04- 03.07	113906	12	1.2
Focus 2.0 RS	[HMDA]	10.02-	112142	14	90				
		10.02-	112143	14	80				
Focus 2.0 16V	[EDDC]	AT 11.98-	112142	14	90	10.98- 11.04	113217#	12	1.4
	[EDDD]					10.98- 11.04	113217#	12	1.4
		AT 10.01-	112142	14	90	10.98-	112235	12	1.4
	[EDDF]	AT 10.01-	112142	14	90	10.98-	112235	12	1.4
	[EDDC]	10.98-	112143	14	80	10.98-	112235	12	1.4
	[EDDF]					10.98- 11.04	113217#	12	1.4
	[EDDB]	AT 10.01-	112142	14	90	10.98- 11.04	113217#	12	1.4
	[EDDB]					10.98-	112235	12	1.4
Focus 2.0 CNG		04.09-	113978	14	120				
Focus 2.0 LPG		06.08-	113978	14	120				
Focus 2.0 TDCi	[G6DD]	11.04-	113849	14	150	11.04-	113911	12	2.2
	[G6DE]	11.04-	113922	14	120	11.04-	113911	12	2.2
	[G6DF]	11.04-	113849	14	150	11.04-	113911	12	2.2
	[G6DA]	11.04-	113849	14	150	11.04-	113911	12	2.2
	DAW_ DA_	02.08-	113849	14	150	02.08-	113911	12	2.2
	[G6DB]	11.04-	113849	14	150	11.04-	113911	12	2.2
	[G6D_]	10.03- 03.07	113922	14	120	10.03- 03.07	113911	12	2.2
	[G6DA]	11.04-	113922	14	120				
	[G6DB]	11.04-	113922	14	120				
	[G6DD]	11.04-	113922	14	120				
	[G6DE]	11.04-	113849	14	150				
	[G6DF]	11.04-	113922	14	120				
	[TXDB]					04.11-	113911	12	2.2
	[TYDA]					04.11-	113911	12	2.2
Focus 2.0 TDCi C-Max	[G6DA]	10.03- 03.07	113849	14	150	10.03- 03.07	113911	12	2.2
		10.03- 03.07	113922	14	120				
	[G6DB]	10.03- 03.07	113849	14	150	10.03- 03.07	113911	12	2.2
		10.03- 03.07	113922	14	120				
	[G6DD]	10.03- 03.07	113849	14	150	10.03- 03.07	113911	12	2.2
		10.03- 03.07	113922	14	120				
Focus 2.5 ST	[HYDA]					10.05-	114315	12	1.4
Fusion 1.2	[FUJA]	AC 08.04-	114129	14	90	08.04-	111906	12	1.1
	[FUJB]	AC 08.04-	114129	14	90	08.04-	111906	12	1.1
Fusion 1.4	[FXJA]	AC 08.02-	114129	14	90	08.02-	111906	12	1.1
	[FXJB]	AC 08.02-	114129	14	90				
Fusion 1.4 TDCi	[F6JA]	08.02-	113912	14	80	08.02-	113905	12	1.4
	[F6JB]	08.02-	113912	14	80	08.02-	113905	12	1.4
Fusion 1.6	[FYJA]	AC 08.02-	114129	14	90	08.02-	111906	12	1.1
	[FYJB]	AC 08.02-	114129	14	90				
Fusion 1.6 TDCi	[HHJA]	11.04-	113849	14	150	11.04-	113905	12	1.4
	[HHJB]	11.04-	113922	14	120	11.04-	113905	12	1.4
	[HHJA]	11.04-	113922	14	120				
	[HHJB]	11.04-	113849	14	150				
Galaxy 1.8 TDCi	[FFWA]	05.06-	114063	14	150				
	[QYWA]	05.06-	114063	14	150				
Galaxy 1.9 TDi	[IZ]	02.95- 09.96	111477	14	90	02.95- 09.96	111900	12	1.8
	[AHU]					09.96- 03.00	111900	12	1.8
	[ANU]	06.99- 12.04	112079	14	90	04.00-	112429	12	2.0
	[ASZ]	02.03-	112079	14	90	02.03-	112429	12	2.0
	[AVG]	06.99- 03.00	112002	14	120	08.97-	112286	12	1.7
	[BTB]	01.05-	112079	14	90	05.05-	112429	12	2.0
	[AUJ]	04.00-	112002	14	120	04.00-	112429	12	2.0
	[IZ]	02.95- 09.96	111353	14	70				
		02.95- 09.96	111988	14	120				
		02.95- 09.96	111733#	14	120				
	[AFN]					08.97- 04.00	111900	12	1.8
	[AHU]	09.96- 03.00	111353	14	70				
		09.96- 03.00	111477	14	90				
		09.96- 03.00	111988	14	120				
		09.96- 03.00	111733#	14	120				
	[ANU]	06.99- 12.04	112002	14	120				
	[ASZ]	02.03-	112002	14	120				
	[AUJ]	04.00-	112079	14	90				



	[AVG]	11.97- 06.99	111477	14	90				
		11.97- 09.98	111988	14	120				
		09.98- 06.99	111828	14	120				
		06.99- 03.00	112079	14	90				
Galaxy 2.0	[AOWA]					05.06-	113906	12	1.2
Galaxy 2.0 i	[NSE]	04.00-	112002	14	120	A13 11.95- 03.00	111900	12	1.8
		04.00-	112079	14	90	AT 07.98- 03.00	111909	12	1.1
		11.95- 03.00	111977			11.95- 03.00	111749	12	1.1
		11.95- 03.00	111887#	14	90	AT 11.95- 03.00	112286	12	1.7
	[ZVSA]	01.01-	112002	14	120	01.01-	111749	12	1.1
	[NSE]	11.95- 03.00	112694#	14	120	04.00-	112429	12	2.0
	[NSE]					AT 11.95- 03.00	111748	12	1.1
Galaxy 2.0 TDCi	[AZWA]					05.06-	113911	12	2.2
	[OXWA]					05.06-	113911	12	2.2
	[OXWB]					05.06-	113911	12	2.2
	[UKWA]					05.06-	113911	12	2.2
						11.07-	113911	12	2.2
Galaxy 2.2 TDCi	[Q4BA]					03.08-	113911	12	2.2
						07.10-	113911	12	2.2
Galaxy 2.3						07.07-	113906	12	1.2
Galaxy 2.3 16V	[YSB]	01.97-	111977			AT 01.97- 03.00	112286	12	1.7
		01.97-	112694#	14	120	01.97- 03.00	111900	12	1.8
	[ESSA]					01.97-	111900	12	1.8
	[YSB]	04.00-	112002	14	120				
		01.97-	111887#	14	90				
Galaxy 2.8 24V	[AYL]	04.00-	112002	14	120	04.00-	112429	12	2.0
	[AYL]	04.00-	113884	14	150				
Galaxy 2.8 i	[AAA]	02.95- 04.98	113885	14	150	11.95-	112166	12	1.7
		05.95- 04.98	112709	14	120	AT 11.95-	112286	12	1.7
	[AMY]	05.95-	112709	14	120				
		04.98- 03.00	113885	14	150				
Galaxy 2.8 i 4x4	[AAA]	04.96-	112709	14	120	04.96-	112166	12	1.7
		07.96- 04.98	113885	14	150	04.96-	112286	12	1.7
	[AMY]	04.96-	112709	14	120				
		04.98- 03.00	113885	14	150				
Granada 1.6	[LCK]	08.81- 08.85	110995			07.81- 08.85	110336	12	0.75
	[LCK]	07.81- 08.85	111086	14	65				
Granada 1.7	[MWB]	12.74- 08.81	110995			12.74- 08.77	111981#	12	1.4
	[MYE]	08.77- 07.81	110995			08.77- 07.81	110868	12	1.1
		08.77- 07.81	111289	14	70	08.77- 07.81	110771	12	0.8
	[GU]	08.77- 08.81	110362			08.77- 05.82	110771	12	0.8
		08.77- 08.81	110995			08.77- 05.82	110868	12	1.1
	[MWB]	12.74- 08.81	110362						
		03.75- 02.76	110759	14	35				
	[MY]	08.77- 06.79	110362			08.77- 06.79	110771	12	0.8
		08.77- 06.79	110995			08.77- 06.79	110868	12	1.1
		08.77- 06.79	111289	14	70				
	[MYE]	08.77- 07.81	110362						
	[TV17H]	03.72- 02.75	110759	14	35	03.72- 02.75	110771	12	0.8
		08.77- 08.81	111289	14	70				
Granada 1.7 S	[MWB]	12.74- 08.77	110362			12.74- 08.77	111981#	12	1.4
	[MWB]	12.74- 12.76	110995						
Granada 1.9 Diesel		08.77- 08.79	110995						
		08.77- 08.82	111289	14	70				
Granada 2.0	[GGNL_GGTL_GGFL]	01.76- 07.79	111086	14	65	03.75- 12.75	110870#	12	1.0
	[GGTL_GGFL_GNU_GU]	01.76- 07.79	110995			01.76- 07.79	110868	12	1.1
	[NEP]	08.79- 08.85	111086	14	65	08.79- 08.85	110870#	12	1.0
	[NYP]	08.77- 08.85	111289	14	70	08.77- 08.85	110771	12	0.8
		08.77- 08.85	111362	14	55	08.77- 08.85	110868	12	1.1
	[NEK]	08.81- 08.85	111086	14	65	08.81- 08.85	110870#	12	1.0
	[NEK]					RHD 08.81- 08.85	110831	12	0.8
						08.81- 08.85	110336	12	0.75
	[NY]	01.75-	110237	14	60	AT 01.75- 08.77	110868	12	1.1
		01.75- 08.77	110362			01.75- 08.77	110771	12	0.8
		01.75- 08.77	110995						
		01.75- 08.85	111086	14	65				
	[NYP]					RHD 08.77- 08.85	110831	12	0.8
		01.76- 07.79	111289	14	70				
Granada 2.1 Diesel	[WTA]	08.77- 08.82	111086	14	65				
Granada 2.3	[YYH]	08.77- 06.79	111362	14	55	08.77- 06.79	110771	12	0.8
	[YYP]	06.79- 08.85	111289	14	70	06.79- 08.85	110771	12	0.8
		06.79- 08.85	111362	14	55	06.79- 08.85	110868	12	1.1
	[YYH]	08.77- 04.85	111289	14	70	01.72- 06.79	110868	12	1.1
	[YYU]	06.81- 08.85	111289	14	70	06.81- 08.85	110771	12	0.8
		06.81- 08.85	111362	14	55	06.81- 08.85	110868	12	1.1
	[YYH]	01.72- 08.77	110362						
		01.72- 12.74	110759	14	35				
		04.75- 08.77	110995						
Granada 2.5 Diesel	[STP]	08.82- 08.85	110362			08.82- 08.85	111111	12	2.2
Granada 2.6	[GGTL_GGFL_GGNL]	01.76- 08.77	110362			12.75- 08.77	110868	12	1.1
	[UY]	01.72- 02.76	110995			01.72- 02.76	110868	12	1.1
		01.72- 02.76	111289	14	70				
		01.72- 02.76	111981#						
		12.75- 08.77	110995						
Granada 2.8	[PYA]	08.77- 08.85	111289	14	70	08.77- 08.85	110868	12	1.1
		08.77- 08.85	111362	14	55	08.77- 08.85	110771	12	0.8
	[PYU]	06.81- 08.85	111289	14	70	06.81- 08.85	110868	12	1.1
		06.81- 08.85	111362	14	55	06.81- 08.85	110771	12	0.8
	[PVA]	09.77- 02.82	110362						
Granada 2.8 i	[PRB]					08.77- 08.81	110771	12	0.8
	[PRC]					05.85- 08.87	110842	12	1.4
						10.82- 08.85	110771	12	0.8
						10.82- 08.85	110868	12	1.1
	[PRD]					08.77- 08.85	110771	12	0.8
	[PRB]					08.77- 08.81	110868	12	1.1
	[PRD]					08.77- 08.85	110868	12	1.1
Granada 3.0	[HY]								
		01.72- 02.76	111086	14	65				
Ka 1.0 i	[C4B]	07.97- 09.99	113447	14	70	07.97- 09.99	111680	12	1.1
	[C4C]	09.99-	113447	14	70	09.99-	111680	12	1.1
Ka 1.2	[169A4_000]					02.09-	113962	12	0.9
Ka 1.3 i	[BAA]	09.96-	113833	14	90	09.96-	114162	12	1.1
	[J4D]	09.96-	113833	14	90	09.96-	111680	12	1.1
	[J4K]	09.96-	113833	14	90	09.96- 10.02	111680	12	1.1
	[J4M]	PS 09.96-	113447	14	70	09.96- 10.02	111680	12	1.1
	[J4N]	PS 09.96-	113447	14	70	09.96- 10.02	111680	12	1.1
	[J4P]	PS 09.96-	113447	14	70	09.96- 10.02	111680	12	1.1
	[J4S]	PS 09.96-	113447	14	70	09.96- 10.02	111680	12	1.1
	[J4B]	PS 09.96-	113447	14	70	09.96-	111680	12	1.1
	[J4D]	PS 06.98- 10.02	113447	14	70	06.98-	111680	12	1.1
	[J4F]	PS 06.98- 10.02	113447	14	70	06.98-	111680	12	1.1
	[J4G]	PS 06.98- 10.02	113447	14	70	06.98-	111680	12	1.1
	[J4H]	06.98-	113833	14	90	06.98-	111680	12	1.1
	[J4L]	PS 06.98- 10.02	113447	14	70	06.98-	111680	12	1.1
	[A9A]	08.02-	113883	14	90	08.02-	114162	12	1.1
	[A9B]	08.02-	113883	14	90	08.02-	114162	12	1.1





FORD Continued

	[BAA]					09.96-	111680	12	1.1
	[J4D]	PS 09.96-	113447	14	70				
	[J4K]	PS 09.96-	113447	14	70				
	[J4M]	09.96-	113833	14	90				
	[J4N]	09.96-	113833	14	90				
	[J4P]	09.96-	113833	14	90				
	[J4S]	09.96-	113833	14	90				
	[JJB]	09.96-	113833	14	90				
	[JJD]	06.98-	113833	14	90				
	[JJF]	06.98-	113833	14	90				
	[JJG]	06.98-	113833	14	90				
	[JJH]	PS 06.98- 10.02	113447	14	70				
	[JLJ]	06.98-	113833	14	90				
Ka 1.6 Street	[CDRA]	05.03- 07.05	113883	14	90	05.03- 07.05	114162	12	1.1
	[CDRB]	05.03- 07.05	113883	14	90	05.03- 07.05	114162	12	1.1
Ka 1.6 i	[CDB]	07.03-	113883	14	90	07.03-	114162	12	1.1
	[CDC]	07.03-	113883	14	90	07.03-	114162	12	1.1
Kuga 2.0 TDCI		02.08-	113849	14	150	03.08-	113911	12	2.2
		02.08-	113922	14	120				
Kuga 2.0 TDCI 4x4		03.08-	113922	14	120	03.08-	113911	12	2.2
		03.08-	113849	14	150				
Maverick 2.0 16V	[YF]	02.01-	112198	14	105	02.01-	112340	12	1.4
Maverick 2.3 16V	[GZ]					03.04-	113906	12	1.2
Maverick 2.4 i	[KA24-E]					02.93- 08.96	111485	12	1.2
Maverick 2.7 TD	[TD27]	02.93- 08.96	112086	14	60	02.93- 08.96	111805	12	2.5
Maverick 3.0 V6 24V	[AJ]					02.01- 12.03	111374	12	1.5
Mondeo 1.6 i 16V	[L1F]	02.93- 08.96	111427	14	90	02.93- 02.94	112141	12	1.0
	[L1F]					02.93- 08.96	113217#	12	1.4
						AT 06.93- 08.96	112340	12	1.4
						02.94- 08.96	112235	12	1.4
						02.93- 02.94	112319	12	1.4
	[L1J]	02.93- 08.96	111427	14	90	07.94- 08.96	113217#	12	1.4
						AT 07.94- 08.96	112340	12	1.4
						07.94- 08.96	112235	12	1.4
Mondeo 1.6 i	[L1O]					AT 05.98- 11.00	112340	12	1.4
						05.98- 11.00	112235	12	1.4
	[L1L]	05.98-	112198	14	105	05.98- 11.00	113217#	12	1.4
	[L1J]					09.96- 03.98	112235	12	1.4
	[L1N]					AT 05.98- 11.00	112340	12	1.4
						05.98- 11.00	112235	12	1.4
	[L1J]					09.96- 11.00	113217#	12	1.4
	[L1O]	05.98-	112198	14	105	05.98- 11.00	113217#	12	1.4
	[L1N]	05.98-	112198	14	105	05.98- 11.00	113217#	12	1.4
	[L1J]	09.96- 05.98	111427	14	90	AT 08.96- 08.98	112340	12	1.4
		05.98-	112198	14	105	08.96- 08.00	112319	12	1.4
	[L1L]					AT 05.98-	112340	12	1.4
						05.98-	112235	12	1.4
Mondeo 1.6 TI-VCT	BE					07.10-	111906	12	1.1
Mondeo 1.8 16V	[CHBA]	11.00-	113709	14	115	11.00-	113794	12	1.4
	[CHBB]	11.00-	113708	14	115	11.00-	113794	12	1.4
	[CGBA]	11.00-	113709	14	115	11.00-	113794	12	1.4
	[CGBB]	11.00-	113709	14	115	11.00-	113794	12	1.4
	[CGBA]	11.00-	113708	14	115				
	[CGBB]	11.00-	113708	14	115				
	[CHBA]	11.00-	113708	14	115				
	[CHBB]	11.00-	113709	14	115				
Mondeo 1.8 i 16V	[RKA]					AT 06.93- 08.96	112340	12	1.4
						02.93- 02.94	112141	12	1.0
						02.94- 08.96	112235	12	1.4
						01.93- 10.00	112319	12	1.4
	[RKA]	02.93- 08.96	111427	14	90	02.93- 08.96	113217#	12	1.4
	[RKB]	01.94- 08.96	111427	14	90	02.94- 08.96	112235	12	1.4
						AT 01.94- 08.96	112340	12	1.4
						01.94- 08.96	113217#	12	1.4
Mondeo 1.8 i 16V 4x4	[RKA]					AT 02.93- 08.96	112340	12	1.4
						02.93- 02.94	112141	12	1.0
						03.94- 08.96	112235	12	1.4
						02.93- 02.94	112319	12	1.4
	[RKA]	02.93- 08.96	111427	14	90	02.93- 08.96	113217#	12	1.4
	[RKA]					02.93- 08.96	112340	12	1.4
Mondeo 1.8 i	[RKB]					09.96-	112235	12	1.4
						09.96- 11.00	113217#	12	1.4
	[RKF]					AT 09.96-	112340	12	1.4
						09.96-	112235	12	1.4
	[RKH]	05.98-	112198	14	105	09.96- 11.00	112235	12	1.4
	[RKJ]					09.96-	112235	12	1.4
	[RKK]					AT 09.96- 11.00	112340	12	1.4
	[RKH]	09.96- 05.98	111427	14	90	09.96- 11.00	113217#	12	1.4
	[RKJ]	08.98-	112198	14	105	09.96- 11.00	113217#	12	1.4
	[RKK]	05.98-	112198	14	105	09.96- 11.00	113217#	12	1.4
	[RKH]					AT 09.96- 11.00	112340	12	1.4
	[RKK]	09.96- 05.98	111427	14	90	09.96- 11.00	112235	12	1.4
	[RKB]	05.98-	112198	14	105	09.96-	112319	12	1.4
	[RKJ]					AT 09.96-	112340	12	1.4
	[RKB]	09.96- 05.98	111427	14	90	AT 08.96- 09.00	112340	12	1.4
	[RKF]	08.98-	112198	14	105	09.96- 11.00	113217#	12	1.4
	[RKB]					09.96-	112141	12	1.0
	[RKF]					09.96-	112141	12	1.0
						09.96-	112319	12	1.4
	[RKJ]					09.96-	112340	12	1.4
Mondeo 1.8 SCI	[CFBA]	06.03-	113709	14	115	06.03-	113794	12	1.4
	[CFBA]	06.03-	113708	14	115	AT 06.03-	111374	12	1.5
Mondeo 1.8 TD	[RFN]	06.93- 08.96	112151	14	95	06.93- 08.96	112290	12	2.2
	[RFN]					06.93- 08.96	110867	12	1.7
	[RFM]	06.93- 08.96	112151	14	95	06.93- 08.96	112290	12	2.2
						03.93- 08.96	110867	12	1.7
Mondeo 1.8 TDCI	[FFBA]	03.07-	114063	14	150				
Mondeo 2.0	[AOBA]					03.07-	113906	12	1.2
	[TBBA]					03.07-	113906	12	1.2
Mondeo 2.0 16V	[CJBA]	A34 11.00-	113709	14	115	11.00-	113794	12	1.4
	[CJBB]	A34 11.00-	113709	14	115	11.00-	113794	12	1.4
	[NGA]	01.93- 08.96	111427	14	90	01.93- 08.96	112319	12	1.4
	[CJBA]	A34 11.00-	113708	14	115				
	[CJBB]	A34 11.00-	113708	14	115				
	[NGA]					AT 01.93- 08.96	112340	12	1.4
						01.93- 08.96	112235	12	1.4
Mondeo 2.0 i 16V	[NGA]					02.93- 08.96	113217#	12	1.4
	[NGA]	02.93- 08.96	111427	14	90	02.94- 08.96	112235	12	1.4
						AT 06.93- 08.96	112340	12	1.4
						02.93- 02.94	112141	12	1.0
						02.93- 02.94	112319	12	1.4
Mondeo 2.0 i 16V 4x4	[NGA]	04.93- 08.96	111427	14	90	01.93- 10.00	112319	12	1.4
						04.93- 07.96	112141	12	1.0
						AT 04.93- 08.96	112340	12	1.4
						04.93- 08.96	113217#	12	1.4



Mondeo 2.0 i	[NGA]					09.96-03.98	112235	12	1.4	
	[NGB]	05.98-	112198	14	105	09.96-11.00	113217#	12	1.4	
	[NGC]	05.98-	112198	14	105	09.96-11.00	113217#	12	1.4	
	[NGD]	09.96-05.98	111427	14	90	09.96-11.00	113217#	12	1.4	
	[NGA]					09.96-11.00	113217#	12	1.4	
	[NGB]	09.96-05.98	111427	14	90	AT 09.96-09.00	112340	12	1.4	
	[NGC]	09.96-05.98	111427	14	90	09.96-03.98	112235	12	1.4	
	[NGD]	05.98-	112198	14	105	AT 08.96-09.00	112340	12	1.4	
	[NGA]	05.98-	112198	14	105	09.96-09.00	112319	12	1.4	
	[NGB]					09.96-03.98	112235	12	1.4	
	[NGC]					AT 08.96-09.00	112340	12	1.4	
	[NGD]					09.96-03.98	112235	12	1.4	
	[NGA]	09.96-05.98	111427	14	90	AT 08.96-09.00	112340	12	1.4	
	Mondeo 2.0 SCTI EcoBoost	[TPBA]					07.10-	113906	12	1.2
Mondeo 2.0 LPG	[TBBA]					07.09-	113906	12	1.2	
Mondeo 2.0 DI/ TDDI 16V	[DSBA]	11.00-	113709	14	115	11.00-	112821	12	2.2	
	[SDBA]	11.00-	113709	14	115	11.00-	112821	12	2.2	
Mondeo 2.0 TDCI	[FMBA]	10.01-	113709	14	115	10.01-	112821	12	2.2	
	[N7BA]	10.01-	113709	14	115	10.01-	112821	12	2.2	
	[AZBC]					03.07-	113911	12	2.2	
	[KLBA]					11.07-	113911	12	2.2	
	[LPBA]					11.07-	113911	12	2.2	
	[N7BB]					03.07-	113911	12	2.2	
	[OXBA]					03.07-	113911	12	2.2	
Mondeo 2.0 TDCI/ TDDI 16V	[D6BA]	11.00-	113709	14	115	11.00-	112821	12	2.2	
	[HJBB]	11.00-	113709	14	115	11.00-	112821	12	2.2	
	[HJBC]	11.00-	113709	14	115	11.00-	112821	12	2.2	
	[HJBA]	11.00-	113709	14	115	11.00-	112821	12	2.2	
Mondeo 2.0 TDDI 16V	[DSBA]	11.00-	113709	14	115	11.00-	112821	12	2.2	
	[SDBA]	11.00-	113709	14	115	11.00-	112821	12	2.2	
Mondeo 2.0 FlexFuel						03.07-	113906	12	1.2	
Mondeo 2.2 TDCI	[QJBB]					09.04-	112821	12	2.2	
	[O4BA]					03.08-	113911	12	2.2	
	[QJBA]					09.04-	112821	12	2.2	
	[QJBC]					09.04-08.07	112821	12	2.2	
	[QJBD]					09.04-08.07	112821	12	2.2	
						07.10-	113911	12	2.2	
Mondeo 2.3	[SEBA]					07.07-	113906	12	1.2	
Mondeo 2.5	[SGA]	05.99-10.99	112151	14	95	05.99-	111374	12	1.5	
Mondeo 2.5 24V	[SEA]	09.96-11.00	112939	14	130	09.96-	111374	12	1.5	
	[SEB]	06.00-11.00	112151	14	95	06.00-11.00	111374	12	1.5	
Mondeo 2.5 i 24V	[SEA]	07.94-08.96	112939	14	130	07.94-08.96	111374	12	1.5	
Mondeo 2.5 V6 24V	[LCBD]					11.00-	113909	12	2.2	
	[LCBD]	A34 11.00-	113709	14	115	11.00-	111374	12	1.5	
Mondeo 3.0	[MEBA]					AT 04.02-	111374	12	1.5	
						04.02-	111374	12	1.5	
	[MEBA]	5SP 04.02-	113709	14	115	04.02-	113909	12	2.2	
Mondeo 3.0 V6 24V	[REBA]					09.04-	113909	12	2.2	
Mustang 3.8 V6	[994]					01.94-01.96	111183	12	1.4	
Orion 1.3	[JPA]	09.83-03.86	110995			09.83-03.86	111053	12	0.8	
		09.83-03.86	111289	14	70	09.83-03.86	110337	12	0.85	
	[J4B]	07.90-12.93	111362	14	55	07.90-12.93	111131	12	0.8	
	[J6A]	07.90-12.93	111289	14	70	07.90-12.93	111131	12	0.8	
		07.90-12.93	111362	14	55	08.88-12.93	110337	12	0.85	
	[JBB]	08.85-03.86	110891	14	70	08.88-07.90	111131	12	0.8	
		08.88-07.90	111289	14	70	09.83-07.90	111053	12	0.8	
		08.88-07.90	111362	14	55	09.83-07.90	110337	12	0.85	
	[JLA]					12.85-07.90	111131	12	0.8	
	[JLB]					09.83-03.86	110337	12	0.85	
						09.83-03.86	111053	12	0.8	
						12.85-07.90	111131	12	0.8	
		[JPA]	09.83-03.86	110362						
		09.83-03.86	110759	14	35					
	08.85-03.86	110891	14	70						
Orion 1.4	[F6F]	07.90-12.93	110891	14	70	07.90-12.93	111131	12	0.8	
		PS 07.90-01.92	111293	14	70	07.90-12.93	110337	12	0.85	
	[F6G]	PS 07.90-01.92	111293	14	70	07.90-12.93	110337	12	0.85	
		AC 07.90-01.92	111293	14	70	07.90-12.93	111131	12	0.8	
	[FUH]	07.90-12.93	110891	14	70	▲ A31	07.90-12.93	111131	12	0.8
	[F6B]	03.86-07.90	111289	14	70	02.87-07.90	110337	12	0.85	
		02.87-08.88	110362			02.87-07.90	111131	12	0.8	
		02.87-07.90	110891	14	70	02.87-07.90	111053	12	0.8	
		02.87-07.90	111362	14	55					
	[F6D]	02.87-08.88	110362			02.87-07.90	111053	12	0.8	
		02.87-07.90	110891	14	70	02.87-07.90	111131	12	0.8	
		02.87-07.90	111289	14	70	02.87-07.90	110337	12	0.85	
		02.87-07.90	111362	14	55					
	[F6F]	AC 07.90-01.92	111293	14	70					
[F6G]	07.90-12.93	110891	14	70						
[FUA]	03.86-08.88	110362			03.86-07.90	111053	12	0.8		
	03.86-07.90	110891	14	70	03.86-07.90	111131	12	0.8		
	03.86-07.90	111289	14	70	03.86-07.90	110337	12	0.85		
	03.86-07.90	111362	14	55						
[FUC]	07.86-08.88	110362			07.86-07.90	111053	12	0.8		
	07.86-07.90	110891	14	70	07.86-07.90	111131	12	0.8		
	07.86-07.90	111289	14	70	07.86-07.90	110337	12	0.85		
	07.86-07.90	111362	14	55						
Orion 1.6	[LP1]	07.83-03.86	110362			07.83-03.86	111053	12	0.8	
		07.83-03.86	110995			AT 07.83-03.86	110337	12	0.85	
	[LPA]	07.83-03.86	110995			AT 07.83-03.86	110337	12	0.85	
		07.83-03.86	111289	14	70	07.83-03.86	111053	12	0.8	
	[LUK]	07.90-12.92	110891	14	70	▲ A31	07.90-12.92	111131	12	0.8
	[LP1]	07.83-03.86	110759	14	35					
		07.83-03.86	111289	14	70					
		08.85-03.86	110891	14	70					
	[LPA]	07.83-03.86	110362							
		07.83-03.86	110759	14	35					
		08.85-03.86	110891	14	70					
	[LUC]	12.85-08.88	110362			12.85-07.90	111131	12	0.8	
		12.85-07.90	110891	14	70	12.85-07.90	110337	12	0.85	
		12.85-07.90	111289	14	70					
	12.85-07.90	111362	14	55						
[LUJ]					07.90-12.92	111131	12	0.8		
[LUK]	ACPS 08.90-	111293	14	70						
Orion 1.6 i 16V	[L1E]	07.90-12.93	110891	14	70	09.92-12.93	111750	12	1.4	
		09.92-12.93	111293	14	70	07.90-12.93	111131	12	0.8	
	[L1K]	07.90-12.93	110891	14	70	07.90-12.93	111131	12	0.8	
	09.92-12.93	111293	14	70	09.92-12.93	111750	12	1.4		
Orion 1.6 i	[LR1]	07.83-03.86	110362			AT 07.83-03.86	110337	12	0.85	
	[LRA]	07.83-03.86	110362			AT 07.83-03.86	110337	12	0.85	
	[LRF]	07.90-09.92	110891	14	70	07.90-09.92	111131	12	0.8	
		AC 07.90-09.92	111293	14	70	07.90-09.92	110337	12	0.85	
	[L4B]	03.86-08.88	110362			03.86-07.90	110337	12	0.85	
		03.86-07.90	110891	14	70					
		03.86-07.90	111289	14	70					
		03.86-07.90	111362	14	55					
[LJB]	08.89-07.90	110891	14	70						
[LJF]	PS 07.90-09.92	111293	14	70						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FORD Continued

	[LR1]	07.83-03.86	110995							
		07.83-03.86	111289	14	70					
		07.83-03.86	111362	14	55					
		08.85-03.86	110891	14	70					
	[LRA]	07.83-03.86	110995							
		07.83-03.86	111289	14	70					
		07.83-03.86	111362	14	55					
		08.85-03.86	110891	14	70					
	[LRB]	03.86-08.88	110362			03.86-07.90	110337	12	0.85	
		03.86-07.90	110891	14	70					
		03.86-07.90	111289	14	70					
		03.86-07.90	111362	14	55					
Orion 1.6 Diesel	[LTA]	02.84-01.89	111364	14	55	02.84-03.86	110867	12	1.7	
	[LTA]	02.84-01.89	111368	14	70					
	[LTC]	12.85-01.89	113624#	14	70	03.86-07.90	110867	12	1.7	
		03.86-07.90	111364	14	55					
		03.86-07.90	111368	14	70					
Orion 1.8 i 16V	[ROB]	01.92-12.93	111293	14	70	02.92-12.93	111750	12	1.4	
	[ROB]	01.92-12.93	111293	14	70	01.92-12.93	111750	12	1.4	
Orion 1.8 Diesel	[RTE]	07.90-12.93	111356	14	55	07.90-12.93	112290	12	2.2	
	[RTF]	07.90-12.93	111368	14	70	07.90-12.93	112290	12	2.2	
	[RTH]	07.90-12.93	111364	14	55	07.90-12.93	112290	12	2.2	
	[RTA]	01.89-07.90	111356	14	55	01.89-07.90	110867	12	1.7	
		01.89-07.90	111364	14	55	A13 01.89-07.90	112290	12	2.2	
		01.89-07.90	111368	14	70					
	[RTB]	01.89-07.90	111356	14	55	01.89-07.90	110867	12	1.7	
		01.89-07.90	111364	14	55	A13 01.89-07.90	112290	12	2.2	
		01.89-07.90	111368	14	70					
	[RTE]	07.90-12.93	111364	14	55					
		07.90-12.93	111368	14	70					
	[RTF]	07.90-12.93	111356	14	55					
		07.90-12.93	111364	14	55					
	[RTH]	07.90-12.93	111356	14	55					
		07.90-12.93	111368	14	70					
Orion 1.8 TD	[RFD]	03.92-12.93	111356	14	55	03.92-12.93	110867	12	1.7	
		03.92-12.93	112326			03.92-12.93	112290	12	2.2	
	[RFK]	03.92-12.93	111356	14	55	03.92-12.93	110867	12	1.7	
		03.92-12.93	112326			03.92-12.93	112290	12	2.2	
P 100 1.6	[LCR]	04.82-09.87	110179	14	36	RHD 04.82-09.87	110831	12	0.8	
						04.82-09.87	111269	12	1.4	
						04.82-09.87	110870#	12	1.0	
P 100 1.8 TD	[RFA]	10.87-12.92	111360#	14	55	10.87-12.92	110851#	12	1.8	
P 100 2.0	[NAE]					10.87-	111269	12	1.4	
		10.87-12.92	111086	14	65	RHD 10.87-12.92	112125	12	2.2	
Probe 2.0 16V	[FS]	10.93-09.96	111317	14	80	10.92-03.98	111311	12	1.7	
		09.96-	111959#	14	80					
Probe 2.2		10.92-07.93	111317	14	80					
Probe 2.5 V6 24V	[KL]	10.93-	111315	14	90					
Probe 3.0 V6		09.89-07.93	111317	14	80					
Puma 1.4 16V	[FHD]	11.97-10.00	113952	14	70	437612	02.98-	111906	12	1.1
	[FHF]	11.97-10.00	113952	14	70	437612	11.97-10.00	111909	12	1.1
Puma 1.6 16V	[L1W]	08.00-	113952	14	70	437612	08.00-	111906	12	1.1
Puma 1.7 ST 160	[ZH17]						06.99-	111906	12	1.1
Puma 1.7 16V	[MHA]						03.97-	111906	12	1.1
	[MHB]						03.97-	111906	12	1.1
Ranger 2.5 Diesel	[WL]						10.99-04.02	113702	12	2.2
Ranger 2.5 Diesel 4x4	[WL]						10.99-04.02	113702	12	2.2
Ranger 2.5 TD 4x4	[WL-T]	10.99-	112352	14	70		10.99-	113702	12	2.2
	[WL-T]						10.99-	112600	12	1.4
Ranger 3.0 TDCI 4x4	[WEAT]	05.06-	112352	14	70					
Scorpio 1.8	[REC]	04.85-02.92	111086	14	65	09.85-02.92	111269	12	1.4	
		04.85-02.92	112730	14	90	AT 04.85-02.92	111030	12	1.4	
		09.85-02.92	112725	14	70	04.85-09.85	110336	12	0.75	
						04.85-09.85	110870#	12	1.0	
Scorpio 2.0	[N8A]	11.88-10.92	111741	14	70	AT 11.88-10.92	111030	12	1.4	
	[N8A]	11.88-10.92	112759	14	90					
	[N8D]	04.85-08.89	113622#	14	70	05.89-02.92	111030	12	1.4	
		05.89-02.92	111741	14	70					
		05.89-02.92	112759	14	90					
	[N9D]	05.89-02.92	111741	14	70	05.89-02.92	111030	12	1.4	
		05.89-02.92	112759	14	90					
		05.89-09.94	113622#	14	70					
	[NEL]	04.85-08.89	111086	14	65	09.85-08.89	111269	12	1.4	
		04.85-08.89	112730	14	90	AT 04.85-09.85	110870#	12	1.0	
		04.85-08.89	113622#	14	70	AT 04.85-08.89	111030	12	1.4	
		09.85-08.89	112725	14	70					
Scorpio 2.0 i 16V	[N3A]	10.94-12.98	112691#	14	90	10.94-12.98	111030	12	1.4	
Scorpio 2.0 i	[N9B]	05.89-02.92	112759	14	90	05.89-02.92	111030	12	1.4	
	[N9F]	09.91-09.94	113622#	14	70	09.91-12.94	111030	12	1.4	
	[N9D]	05.89-02.92	112759	14	90	05.89-02.92	111030	12	1.4	
	[N9D]	05.89-02.92	111741	14	70					
		05.89-09.94	113622#	14	70					
	[N9F]	09.91-12.94	111741	14	70					
		09.91-12.94	112759	14	90					
	[NRA]	04.85-02.92	112730	14	90	04.85-09.85	110870#	12	1.0	
		09.85-02.92	112725	14	70	09.85-02.92	111269	12	1.4	
		02.92-12.94	111741	14	70	AT 04.85-12.94	111030	12	1.4	
		02.92-12.94	112759	14	90					
		02.92-09.94	113622#	14	70					
	[NRC]	10.85-12.90	112725	14	70	10.85-12.90	111269	12	1.4	
		10.85-12.90	112730	14	90	AT 10.85-12.90	111030	12	1.4	
	[NRI]	09.85-02.92	112725	14	70	09.85-02.92	111269	12	1.4	
		09.85-02.92	112730	14	90	AT 09.85-12.94	111030	12	1.4	
		02.92-12.94	111741	14	70					
		02.92-12.94	112759	14	90					
		02.92-09.94	113622#	14	70					
	[NSD]	10.94-12.98	112691#	14	90	10.94-12.98	111030	12	1.4	
Scorpio 2.3 i 16V	[Y5A]	06.96-12.98	112691#	14	90	06.96-12.98	111030	12	1.4	
Scorpio 2.4 i	[ARD]	04.85-12.94	111157	14	90	10.88-12.94	110842	12	1.4	
	[ARC]	09.86-09.88	111157	14	90	09.86-09.88	110842	12	1.4	
	[ARD]					03.92-12.94	111827			
	[ARDV6EFIHC]					10.88-02.92	110842	12	1.4	
Scorpio 2.5 Diesel	[SFA]	02.92-12.94	110362			02.92-12.94	111111	12	2.2	
	[SFB]	02.92-12.94	112725	14	70	02.92-12.94	111111	12	2.2	
	[STR]	12.85-12.94	110362			12.85-12.94	111111	12	2.2	
	[SCB]	08.93-09.94	111086	14	65					
	[SFA]	02.92-12.94	112725	14	70					
		02.92-12.94	112730	14	90					
	[SFB]	02.92-12.94	110362							
		02.92-12.94	112730	14	90					
	[STR]	12.85-12.94	111086	14	65					
		12.85-12.94	112725	14	70					
		12.85-02.92	112730	14	90					
		RHD 12.85-12.94	111364	14	55					
		RHD 12.85-12.94	111368	14	70					
		RHD 12.89-12.94	112730	14	90					



Scorpio 2.5 TD	[SCB]	08.93- 09.94	111086	14	65				
	[SCC]	10.94- 08.98	111742	14	70				
	[SFA]	06.88- 02.92	110362			06.88- 02.92	111111	12	2.2
		06.88- 02.92	112725	14	70				
		06.88- 02.92	112730	14	90				
	[SFB]	06.88- 02.92	110362			06.88- 02.92	111111	12	2.2
		06.88- 02.92	112725	14	70				
Scorpio 2.8 i	[VM]	09.96- 08.98	111623	14	70				
		09.96- 08.98	111742	14	70				
	[PRE]	04.85- 11.86	110362			04.85- 11.86	110842	12	1.4
Scorpio 2.8 i 4x4		04.85- 11.86	111289	14	70				
		04.85- 11.86	111362	14	55		111981#	12	1.4
	[PRE]	10.85- 11.86	110362						
		10.85- 11.86	111157	14	90				
Scorpio 2.9 24V		10.85- 11.86	111289	14	70				
		10.85- 11.86	111362	14	55				
	[BOA]	08.93- 09.94	111157	14	90	08.93- 09.94	110842	12	1.4
Scorpio 2.9 i 24V		08.93- 09.94	112759	14	90				
	[BOA]	04.91- 02.92	111157	14	90	04.91- 02.92	110842	12	1.4
Scorpio 2.9 i	[BOB]	10.94- 12.98	112698	14	100	10.94- 12.98	111827		
	[BRF]	09.91- 12.94	111157	14	90	09.91- 12.94	110842	12	1.4
	[BRE]	08.86- 02.92	111157	14	90	09.86- 02.92	110842	12	1.4
Scorpio 2.9 i 4x4	[BRD]	02.92- 09.94	112759	14	90	09.86- 12.94	110842	12	1.4
	[BRC]	09.86- 02.92	111157	14	90	09.86- 02.92	110842	12	1.4
	[BRD]	09.86- 12.94	111157	14	90				
	[BRG]	02.95- 12.98	112698	14	100	02.95- 12.98	110842	12	1.4
	[BRD]	10.87- 12.94	111157	14	90	09.86- 02.93	110842	12	1.4
	[BRE]	10.87- 02.93	111157	14	90	10.87- 02.93	110842	12	1.4
	[BRF]	05.88- 12.94	111157	14	90	10.87- 02.93	110842	12	1.4
Sierra 1.3	[BRC]	09.86- 02.92	111157	14	90	09.86- 02.92	110842	12	1.4
	[BRD]	02.92- 12.94	112759	14	90				
	[JCT]					RHD 08.82- 12.86	110831	12	0.8
Sierra 1.6		08.82- 12.86	111086	14	65	08.82- 12.86	110336	12	0.75
		10.84- 12.86	112725	14	70	AT 08.82- 12.86	111269	12	1.4
	[LCS]					AT 08.82- 12.86	110336	12	0.75
		08.82- 12.86	111086	14	65	AT 08.82- 10.84	110870#	12	1.0
		08.82- 12.86	111411	14	75	AT3 08.85- 12.86	111269	12	1.4
		10.84- 12.86	112725	14	70	RHD 08.82- 08.85	110831	12	0.8
		05.89- 02.93	113622#	14	70	RHD 08.85- 12.86	112536	12	0.85
	[LSD]					RHD 08.82- 08.85	110831	12	0.8
		08.82- 12.86	111086	14	65	AT3 08.85- 12.86	111269	12	1.4
		08.82- 12.86	111411	14	75	AT 08.82- 12.86	110336	12	0.75
		10.84- 12.86	112725	14	70	AT 08.82- 10.84	110870#	12	1.0
		05.89- 02.93	113622#	14	70	RHD 08.85- 12.86	112536	12	0.85
	[LSF]	01.88- 02.93	112730	14	90	01.88- 02.93	111269	12	1.4
	[LSE]	01.87- 02.93	112730	14	90	01.87- 02.93	111269	12	1.4
	[LCT]					AT 08.82- 12.86	110336	12	0.75
		08.82- 12.86	111086	14	65	AT 08.82- 10.84	110870#	12	1.0
		08.82- 12.86	111411	14	75	RHD 08.85- 12.86	112536	12	0.85
		10.84- 12.86	112725	14	70	RHD 08.82- 08.85	110831	12	0.8
		05.89- 02.93	113622#	14	70	AT3 08.85- 12.86	111269	12	1.4
	[LSE]	01.87- 02.93	111086	14	65	08.90- 02.93	111131	12	0.8
	[LSE]	01.87- 02.93	112725	14	70				
	[LSF]	01.88- 02.93	111086	14	65				
	[LSE]	01.88- 02.93	112725	14	70				
Sierra 1.6 i	[L6B]					10.89- 02.93	111030	12	1.4
	[L6B]								
Sierra 1.8	[REB]	10.84- 12.86	111086	14	65	10.84- 12.86	110336	12	0.75
		10.84- 12.86	112725	14	70	A13 10.84- 12.86	111269	12	1.4
	[REF]	10.87- 05.88	112730	14	90	RHD 10.87- 05.88	112536	12	0.85
	[R2C]					AT 05.88- 02.93	111030	12	1.4
	[R2A (XU102C)]					A13 05.88- 02.93	111030	12	1.4
	[RED]	01.87- 05.88	111364	14	55	RHD 01.87- 05.88	112536	12	0.85
	[RED]	01.87- 05.88	111086	14	65	AT 01.87- 05.88	111030	12	1.4
		01.87- 05.88	112725	14	70	01.87- 05.88	110336	12	0.75
		01.87- 05.88	112730	14	90	01.87- 05.88	111269	12	1.4
	[R6A]					A13 05.88- 02.93	111030	12	1.4
	[REF]	10.87- 05.88	111086	14	65	10.87- 05.88	110336	12	0.75
		10.87- 05.88	111364	14	55	AT 10.87- 05.88	111030	12	1.4
		10.87- 05.88	112725	14	70	10.87- 05.88	111269	12	1.4
	[R2A (XU102C)]								
[R2C]									
[R6A]									
Sierra 1.8 TD	[RFA]	08.88- 02.93	111360#	14	55	08.88- 02.93	110851#	12	1.8
	[RFB]	08.88- 02.93	113622#	14	70	08.88- 02.93	110851#	12	1.8
	[RFL]	08.88- 02.93	111360#	14	55	08.88- 02.93	110851#	12	1.8
	[RFA]	08.88- 02.93	113622#	14	70				
	[RFB]	08.88- 02.93	111360#	14	55				
	[RFL]	08.88- 02.93	111911						
Sierra 2.0		08.88- 02.93	113622#	14	70				
	[NR2]	08.85- 12.86	111086	14	65	AT 08.85- 12.86	111030	12	1.4
		08.85- 12.86	112725	14	70	A13 08.85- 12.86	111269	12	1.4
	[NRB]	03.85- 12.86	111086	14	65	03.85- 12.86	110336	12	0.75
		03.85- 12.86	112725	14	70	AT 08.85- 12.86	111030	12	1.4
	[NET]	08.82- 12.86	111086	14	65	AT 08.85- 12.86	111030	12	1.4
		10.84- 12.86	112725	14	70	08.85- 12.86	111269	12	1.4
	[NRD]	10.85- 12.86	112725	14	70	AT 10.85- 12.86	111030	12	1.4
	[NYT]	08.82- 10.84	111086	14	65	08.82- 10.84	110771	12	0.8
	[NES]	01.87- 02.93	111364	14	55	01.87- 02.93	110336	12	0.75
		01.87- 02.93	112725	14	70	RHD 01.87- 07.90	112536	12	0.85
	[NET]					AT 08.82- 10.84	110336	12	0.75
						10.84- 12.86	110336	12	0.75
						08.82- 10.84	110870#	12	1.0
	[NRD]	10.85- 12.86	111086	14	65	10.85- 12.86	111269	12	1.4
	[NES]	01.87- 02.93	113622#	14	70	RHD 01.87- 02.93	110831	12	0.8
	[N8C]	01.87- 02.93	111741	14	70	05.89- 02.93	111030	12	1.4
	[NES]	01.87- 02.93	111086	14	65	01.87- 02.93	111269	12	1.4
		01.87- 02.93	112730	14	90	AT 01.87- 02.93	111030	12	1.4
	[N8C]	01.87- 02.93	113622#	14	70				
		05.89- 02.93	112759	14	90				
	[NR2]					08.85- 12.86	110336	12	0.75
	[NRB]					A13 08.85- 12.86	111269	12	1.4
[NYT]	08.82- 10.84	111289	14	70					
Sierra 2.0 4x4	[N9C]	05.89- 02.93	111741	14	70	AT 05.89- 02.93	111030	12	1.4
	[N9C]	05.89- 02.93	113622#	14	70				
Sierra 2.0 RS Cosworth		01.90- 02.93	112759	14	90				
	[NSB]	11.87- 01.90	112725	14	70	11.87- 01.90	111131	12	0.8
[NSB]	11.87- 01.90	112730	14	90					
Sierra 2.0 XR4i	[N9C]	01.90- 02.93	111741	14	70	01.90- 02.93	111030	12	1.4
	[NSC]	01.90- 02.93	112730	14	90	01.93- 02.93	111750	12	1.4
Sierra 2.0 16V Cosworth 4X4	[NSD]	01.90- 02.93	112725	14	70				
	[NSC]	01.90- 02.93	112725	14	70				
	[NSD]	01.90- 02.93	112730	14	90				





Application list

FORD Continued

Sierra 2.0 i	[N4A]	01.87- 02.93	111086	14	65	01.87- 10.89	110336	12	0.75
	[N4I]	01.87- 10.89	111086	14	65	01.87- 10.89	110336	12	0.75
	[N9E]	12.91- 02.93	113622#	14	70	12.91- 02.93	111030	12	1.4
	[N9C]	05.89- 02.93	112759	14	90	AT 05.89- 02.93	111030	12	1.4
	[NE5]	01.87- 12.92	111364	14	55	01.87- 12.92	111269	12	1.4
		01.87- 12.92	112725	14	70	AT 01.87- 12.92	111030	12	1.4
	[NEJ]	01.87- 12.92	111086	14	65	AT 01.87- 12.92	111030	12	1.4
		01.87- 12.92	111364	14	55	01.87- 12.92	111269	12	1.4
	[NR2]	08.85- 12.86	111086	14	65	AT 08.85- 12.86	111030	12	1.4
		08.85- 12.86	112725	14	70	A13 08.85- 12.86	111269	12	1.4
	[NRB]	03.85- 12.86	111086	14	65	03.85- 12.86	110336	12	0.75
		03.85- 12.86	112725	14	70	06.89- 02.93	111030	12	1.4
	[N8A]	06.89- 02.93	112759	14	90	06.89- 02.93	111030	12	1.4
	[N9B]	06.89- 02.93	112759	14	90	06.89- 02.93	111030	12	1.4
	[NE5]	01.87- 12.92	111086	14	65	10.87- 02.93	110831	12	0.8
	[N4A]	01.87- 02.93	112730	14	90	RHD 01.87- 02.93	110831	12	0.8
	[N4A]	01.87- 02.93	111364	14	55	AT 01.87- 02.93	111030	12	1.4
		01.87- 02.93	112725	14	70	01.87- 02.93	111269	12	1.4
	[N4B]	01.87- 02.93	111364	14	55	01.87- 02.93	111269	12	1.4
		01.87- 02.93	112730	14	90	AT 01.87- 02.93	111030	12	1.4
	[N4I]	01.87- 10.89	111364	14	55	RHD 01.87- 10.89	112536	12	0.85
		01.87- 10.89	112725	14	70	01.87- 10.89	111269	12	1.4
		01.87- 10.89	112730	14	90	AT 01.87- 10.89	111030	12	1.4
[N4A]					RHD 01.87- 07.90	112536	12	0.85	
[N4B]	01.87- 02.93	111086	14	65					
	01.87- 02.93	112725	14	70					
[N8A]	06.89- 02.93	111741	14	70					
[N9B]	06.89- 02.93	111741	14	70					
[N9C]	05.89- 02.93	111741	14	70					
	05.89- 02.93	113622#	14	70					
[N9E]	12.91- 02.93	111741	14	70					
[NE5]	01.87- 12.92	112730	14	90					
[NEJ]	01.87- 12.92	112725	14	70					
	01.87- 12.92	112730	14	90					
[NR2]					08.85- 12.86	110336	12	0.75	
[NRB]					AT 08.85- 12.86	111030	12	1.4	
					08.82- 12.86	110771	12	0.8	
Sierra 2.3	[YYT]	08.82- 12.86	111289	14	70				
	[YYT]	08.82- 12.86	111362	14	55				
Sierra 2.3 Diesel	[YTT]	04.85- 12.86	112725	14	70	09.85- 12.86	111111	12	2.2
	[YTR]	01.87- 09.89	111364	14	55	01.87- 09.89	111111	12	2.2
		01.87- 09.89	111086	14	65				
		01.87- 09.89	111368	14	70				
		01.87- 09.89	112725	14	70				
		RHD 01.87- 09.89	111364	14	55				
	[YTT]	02.82- 12.86	111289	14	70				
		08.82- 12.86	110362						
Sierra 2.8 4x4	[PRG]								
		01.87- 08.88	111157	14	90				
		01.87- 08.88	111289	14	70				
		01.87- 08.88	111362	14	55				
Sierra 2.8 XR 4x4	[PRT]								
		02.85- 12.86	111289	14	70				
		02.85- 12.86	111362	14	55				
Sierra 2.8 XR4i	[PR5]					02.85- 12.86	110842	12	1.4
		08.82- 12.86	111289	14	70	08.82- 12.85	110868	12	1.1
	[PR6]	08.82- 12.86	111289	14	70	02.85- 12.86	110842	12	1.4
		08.82- 12.86	111362	14	55	08.82- 12.85	110868	12	1.1
	[PRT]	08.82- 02.85	111289	14	70	08.82- 02.85	110868	12	1.1
	[PR5]	08.82- 12.86	111362	14	55				
	[PR6]								
	[PRT]								
		08.82- 02.85	111362	14	55				
Sierra 2.8 i XR 4X4	[PR5]								
		09.83- 12.86	111289	14	70				
		10.84- 08.85	111362	14	55				
	[PR7]								
		01.87- 02.93	111289	14	70				
	[PRG]								
		01.87- 08.88	111157	14	90				
		01.87- 08.88	111289	14	70				
		01.87- 08.88	111362	14	55				
Sierra 2.8 i XR4	[PR5]					01.86- 12.86	110842	12	1.4
		08.82- 12.86	111289	14	70	08.82- 12.86	110868	12	1.1
Sierra 2.8 i	[PR7]								
		01.87- 02.93	111157	14	90				
	[PR8]								
		01.87- 02.93	111157	14	90				
		01.87- 02.93	111289	14	70				
Sierra 2.8 i 4x4	[PR6]					01.86- 12.86	110842	12	1.4
		08.82- 12.86	111289	14	70	08.82- 12.85	111981#	12	1.4
						01.86- 12.86	110842	12	1.4
						08.82- 12.85	111981#	12	1.4
		08.82- 12.86	111289	14	70				
	[PRT]	01.87- 02.93	111289	14	70				
Sierra 2.9	[B4B]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
	[B4C]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
Sierra 2.9 4x4	[B4B]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
	[B4C]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
Sierra 2.9 i XR 4x4	[B4A]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
	[B4B]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
	[B4C]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
Sierra 2.9 i	[B4C]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
	[B4B]	08.88- 02.93	111157	14	90	08.88- 02.93	110842	12	1.4
	[B4B]	08.88- 02.93	111981#						
	[B4C]	08.88- 02.93	110847						
S-Max 1.8 TDCi	[FFWA]	01.07-	114063	14	150				
	[QYWA]	05.06-	114063	14	150				
S-Max 2.0	[AOWA]					05.06-	113906	12	1.2
S-Max 2.0 SCTi EcoBoost	[TPBA]					07.10-	113906	12	1.2
S-Max 2.0 TDCi	[AZWA]					05.06-	113911	12	2.2
	[QXWA]					05.06-	113911	12	2.2
	[QXWB]					05.06-	113911	12	2.2
	[UKWA]					05.06-	113911	12	2.2
						11.07-	113911	12	2.2
S-Max 2.0 FlexFuel						05.06-	113906	12	1.2
S-Max 2.2 TDCi	[O4BA]					03.08-	113911	12	2.2
						07.10-	113911	12	2.2
S-Max 2.3						07.07-	113906	12	1.2
Streetka 1.6 i						12.02-	114162	12	1.1
Taurus 1.3	[JAC]	01.70- 07.82	111086	14	65	01.70- 07.82	110336	12	0.75
	[JAC]					01.76- 08.82	110868	12	1.1
	[JCC]	07.79- 07.82	111086	14	65	07.79- 07.82	110336	12	0.75
						08.70- 02.76	110336	12	0.75
		08.70- 02.76	111086	14	65				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Taurus 1.6	[LAR]					07.79- 07.82	110336	12	0.75
	[LCJ]					AT 05.75- 07.82	110870#	12	1.0
	[LCJ]	08.70- 07.82	111086	14	65	08.70- 07.82	110336	12	0.75
	[LAR]	07.79- 07.82	111086	14	65	AT 07.79- 07.82	110870#	12	1.0
	[LAD]	01.74- 05.79	111086	14	65	AT 01.74- 05.79	110870#	12	1.0
	[LAD]					01.74- 05.79	110336	12	0.75
	[LAD]					01.74- 05.75	110771	12	0.8
[LE]						08.76- 07.82	110336	12	0.75
						01.76- 08.82	110868	12	1.1
		08.70- 02.76	111086	14	65	08.70- 02.76	110336	12	0.75
Taurus 1.6 1600	[LCJ]					01.70- 05.75	110336	12	0.75
Taurus 2.0	[NER]	07.79- 07.82	111086	14	65	07.79- 07.82	110336	12	0.75
	[NWR]	07.79- 07.82	111289	14	70	07.79- 07.82	110771	12	0.8
	[NWR]	07.79- 07.82	111362	14	55	07.79- 07.82	110868	12	1.1
	[NVR]	05.75- 05.79	111289	14	70	05.75- 05.79	110771	12	0.8
		01.76-	111086	14	65	05.75- 05.79	110868	12	1.1
	[NEE]	08.73- 02.76	111086	14	65				
	[NER]					AT 07.79- 07.82	110870#	12	1.0
		08.73- 07.79	111086	14	65				
Taurus 2.0 V6		08.70- 02.76	111289	14	70	08.70- 02.76	110771	12	0.8
Taurus 2.3	[YYR]	07.79- 07.82	111289	14	70	07.79- 07.82	110868	12	1.1
	[YFF]	05.75- 07.79	111289	14	70	05.75- 07.79	110868	12	1.1
	[YFF]					05.75- 05.79	110771	12	0.8
	[YYR]					07.79- 07.82	110771	12	0.8
		08.71- 02.76	111289	14	70	08.71- 02.76	110771	12	0.8
Taurus 3.0	P5					01.00- 01.05	112604		
Taurus 3.0 24V	P5					01.00- 01.05	112604		
Tourneo 1.8 TDCI Connect	[RWPA]	08.06-	113710	14	110	08.06-	113910	12	1.4
Transit 1.5	7300					11.65- 05.73	110771	12	0.8
	[EX]	12.68- 05.73	110178	14	36	11.65- 05.73	110771	12	0.8
	[EX]	05.72- 05.73	110759	14	35				
Transit 1.6	[LAT]	11.85- 09.91	111364	14	55	11.85- 08.86	110870#	12	1.0
		11.85- 09.91	112730	14	90	11.85- 12.89	110336	12	0.75
	[LAT]	11.85- 09.91	111086	14	65	08.86- 01.89	110840	12	1.1
	[LAT]	11.85- 09.91	111368	14	70	AT 08.86- 09.91	111030	12	1.4
	[4RB]	04.78- 12.85	111086	14	65	12.77- 10.86	110771	12	0.8
	[4RB]	04.78- 12.85	110362			11.77- 10.86	110840	12	1.1
		04.78- 12.85	110759	14	35				
	[B]					AT 11.77- 10.86	110831	12	0.8
					11.77- 10.86	110840	12	1.1	
Transit 1.7	73E2, 72E2A, 72E3C, 1300, 82	01.71- 07.73	110178	14	36	11.65- 07.73	110771	12	0.8
	[EY]	04.71- 03.78	110178	14	36	04.71- 03.78	110771	12	0.8
		04.71- 03.78	110759	14	35				
		05.72- 05.73	110759	14	35				
Transit 1.7 FT100	[EY]	05.72- 03.78	110759	14	35	04.71- 03.78	110771	12	0.8
	[EY]	04.71- 03.78	110178	14	36				
Transit 1.8 16V Connect	[EYPA]	AC 06.02-	113710	14	110	09.02-	112235	12	1.4
	[EYPA]	06.02-	113710	14	110				
	[EYPC]	06.02-	113710	14	110				
		AC 06.02-	113710	14	110				
Transit 1.8 TD Connect	[HCPA]	06.02-	113710	14	110	06.02-	113910	12	1.4
	[HCPB]	06.02-	113710	14	110	06.02-	113910	12	1.4
Transit 1.8 TDCI Connect	[HCPA]	09.02-	113710	14	110	06.02-	113910	12	1.4
	[HCPB]					09.02-	112235	12	1.4
						06.02-	113910	12	1.4
Transit 1.8 TDCI Connect DPF	[RWPA]	08.06-	113710	14	110	08.06-	113910	12	1.4
Transit 1.8 TDDi Connect	[BHPA]	06.02-	113710	14	110	06.02-	113910	12	1.4
Transit 2.0	[NSF]	06.94- 03.00	113914	14	100	11.94-	111030	12	1.4
	[NCA]	09.91- 10.94	111741	14	70	09.91- 10.94	110840	12	1.1
	[NSG]	A19				11.94-	111030	12	1.4
	[NAT]	11.85- 09.91	111086	14	65	11.85- 08.86	110870#	12	1.0
		11.85- 09.91	111364	14	55	11.85- 02.89	110336	12	0.75
		11.85- 09.91	111368	14	70	AT 08.86- 09.91	111030	12	1.4
		11.85- 09.91	112730	14	90	08.86- 09.91	110840	12	1.1
	[NAV]	11.85- 09.91	111086	14	65	AT 08.86- 09.91	111030	12	1.4
		11.85- 09.91	111364	14	55	11.85- 02.89	110336	12	0.75
		11.85- 09.91	111368	14	70	11.85- 08.86	110870#	12	1.0
		11.85- 09.91	112730	14	90	08.86- 09.91	110840	12	1.1
	[N6T]	10.88- 09.91	111368	14	70	AT 10.88- 09.91	111030	12	1.4
		10.88- 09.91	112730	14	90	10.88- 09.91	110840	12	1.1
	[4RC]	11.77- 12.95	111086	14	65	AT 11.77- 10.86	110870#	12	1.0
						11.77- 10.86	110840	12	1.1
	[N6T]	10.88- 09.91	111086	14	65				
		10.88- 09.91	111364	14	55				
	[NBA]	09.91- 10.94	111741	14	70	09.91- 10.94	110840	12	1.1
	[NSF]	11.94-	113529	14	120				
		A20							
		A19							
	[NSG]	06.94- 03.00	113914	14	100				
		11.94-	113529	14	120				
Transit 2.0 Tourneo	[NSF]	11.94- 12.00	113914	14	100				
Transit 2.0 i	[NCA]					09.91- 10.94	110840	12	1.1
	[NSA]	09.91- 10.94	111741	14	70	AT 09.91- 10.94	111030	12	1.4
Transit 2.0 CNG	[NSH]	06.94- 03.00	113529	14	120	06.94- 03.00	111030	12	1.4
		06.94- 03.00	113914	14	100				
Transit 2.0 Diesel Di	[ABFA]	08.00-	113298	14	105	08.00-	112821	12	2.2
	[D3FA]	08.00-	113298	14	105	08.00-	112821	12	2.2
	[F3FA]	08.00-	113298	14	105	08.00-	112821	12	2.2
Transit 2.0 TDCI	[FIFA]	08.02-	113298	14	105	08.02-	112821	12	2.2
Transit 2.2 TDCI	[PBFA]	07.06-	113958	14	150	07.06-	113959	12	2.0
	[PBFB]	07.06-	113958	14	150	07.06-	113959	12	2.0
	[PCFA]	10.07-	113958	14	150	10.07-	113959	12	2.0
	[QVFA]	07.06-	113958	14	150	07.06-	113959	12	2.0
	[QWFA]	07.06-	113958	14	150	07.06-	113959	12	2.0
		10.08-	113958	14	150	10.08-	113959	12	2.0
		10.07-	113958	14	150	10.07-	113959	12	2.0
Transit 2.2 TDCI Tourneo	[QVFA]	07.06-	113958	14	150	07.06-	113959	12	2.0
	[QWFA]	07.06-	113958	14	150	07.06-	113959	12	2.0
		10.08-	113958	14	150	10.08-	113959	12	2.0
Transit 2.3 16V	[E3FA]	04.01-	113621	14	115	04.01-	111030	12	1.4
	[G2FA]					07.06-	113906	12	1.2
Transit 2.3 FT 100	72E2X	05.72- 03.78	110759	14	35	11.71- 03.78	110771	12	0.8
		11.71- 03.78	110178	14	36				
Transit 2.4 TDE	[DOFA]	07.01-	113544	14	95	11.01-	112821	12	2.2
		07.01-	113913	14	124				
		11.01-	113285	14	75				
Transit 2.4 Diesel Di	[D4FA]	01.00-	113544	14	95	03.00-	112821	12	2.2
	[D2FA]	03.00-	113285	14	75	03.00-	112821	12	2.2
	[D2FE]	03.00-	113285	14	75	03.00-	112821	12	2.2
	[F4FA]	01.00-	113544	14	95	03.00-	112821	12	2.2
	[D2FA]	01.00-	113544	14	95				
		01.00-	113913	14	124				
	[D2FB]	01.00-	113913	14	124				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FORD Continued

	[D2FE]	01.00-	113544	14	95			
		01.00-	113913	14	124			
	[D4FA]	01.00-	113913	14	124			
		03.00-	113285	14	75			
	[F4FA]	01.00-	113913	14	124			
		03.00-	113285	14	75			
Transit 2.4 Diesel	[4AA]	01.77- 05.84	110759	14	35	01.77- 05.84	110461	12 2.8
	[4AA]	01.77- 05.84	110362					
			111185	14	43			
			110178	14	36			
		RHD						
Transit 2.4 TD 4x4	[F4FA]	08.00-	113913	14	124			
Transit 2.4 TDCi	[H9FA]	03.04-	113285	14	75	03.04-	112821	12 2.2
	[H9FA]	03.04-	113544	14	95			
	[H9FB]					07.06-	113959	12 2.0
	[JXFA]					07.06-	113959	12 2.0
	[PHFA]					07.06-	113959	12 2.0
	[PHFC]					07.06-	113959	12 2.0
Transit 2.4 TDCi 4x4	[H9FB]					11.06-	113959	12 2.0
Transit 2.4 TDDi	[D4FA]	08.00- 08.03	113913	14	124			
Transit 2.4 TDE	[FXFA]	03.04-	113544	14	95	03.04-	112821	12 2.2
	[D0FA]	07.01-	113544	14	95	11.01-	112821	12 2.2
		07.01-	113913	14	124			
		11.01-	113285	14	75			
	[FXFA]	03.04-	113285	14	75			
Transit 2.5 Diesel DI	[4HC]	08.97-	111797	14	95	06.94- 03.00	110461	12 2.8
	[4HB]	06.94- 07.97	111742	14	70	10.96-	112251	12 2.3
	[4DA]	09.91- 07.97	111743	14	55	09.91- 10.96	110461	12 2.8
	[4GC]	08.94- 07.97	111623	14	70	10.96-	112251	12 2.3
		A20				08.94- 10.96	110461	12 2.8
	[4FC]	08.97-	111797	14	95	07.94- 10.96	110461	12 2.8
	[4FD]	06.94- 03.00	111367#	14	55	06.94- 03.00	110461	12 2.8
	[4FC]	07.94- 07.97	111742	14	70	10.96-	112251	12 2.3
	[4FD]	A20				04.97-	112251	12 2.3
	[4CC]	05.91- 08.94	111367#	14	55	08.91- 10.96	110461	12 2.8
	[4BC]	08.91- 07.97	111743	14	55	08.91- 10.96	110461	12 2.8
	[4HB]	08.97-	111797	14	95	06.94- 10.96	110461	12 2.8
	[4DA]	09.91- 07.97	111742	14	70	10.96-	112251	12 2.3
	[4GA]	11.92- 07.97	111743	14	55	10.96-	112251	12 2.3
	[4GA]	11.92- 07.97	111623	14	70	10.92- 10.96	110461	12 2.8
	[4GB]	08.94- 07.97	111623	14	70	10.96- 08.00	112251	12 2.3
		08.97- 08.00	111797	14	95	08.94- 10.96	110461	12 2.8
	[4BC]	08.91- 07.97	111623	14	70	10.96-	112251	12 2.3
	[4CC]	08.91- 07.97	111742	14	70	10.96-	112251	12 2.3
	[4FB]	A20				07.94- 10.96	110461	12 2.8
	[4FA]	08.91- 07.97	111743	14	55	10.96-	112251	12 2.3
	[4FA]	08.91- 07.97	111623	14	70	08.91- 10.96	110461	12 2.8
	[4FB]	07.94- 07.97	111743	14	55	10.96-	112251	12 2.3
	[4ED]	05.99- 03.00	111797	14	95	05.99- 03.00	112251	12 2.3
	[4BC]	05.91- 08.94	111367#	14	55			
		08.91- 07.97	111742	14	70			
		08.97-	111797	14	95			
		A20						
	[4CC]	08.91- 07.97	111623	14	70			
		08.91- 07.97	111743	14	55			
		08.97-	111797	14	95			
		A20						
	[4DA]	05.91- 08.94	111367#	14	55			
		09.91- 07.97	111623	14	70			
		A20						
	[4ED]	A20						
	[4FA]	05.91- 03.00	111367#	14	55			
		08.91- 07.97	111742	14	70			
		08.97-	111797	14	95			
		A20						
	[4FB]	06.94- 03.00	111367#	14	55			
		07.94- 07.97	111623	14	70			
		07.94- 07.97	111742	14	70			
		08.97-	111797	14	95			
	[4FC]	06.94- 03.00	111367#	14	55			
		07.94- 07.97	111623	14	70			
		07.94- 07.97	111743	14	55			
		A20						
	[4FD]	08.91- 07.97	111623	14	70			
		08.91- 07.97	111742	14	70			
		08.91- 07.97	111743	14	55			
		08.97-	111797	14	95			
	[4GA]	10.92- 08.94	111367#	14	55			
		11.92- 07.97	111742	14	70			
		08.97-	111797	14	95			
		A20						
	[4GB]	08.94- 07.97	111742	14	70			
		08.94- 07.97	111743	14	55			
		A20						
	[4GC]	08.94- 07.97	111742	14	70			
		08.94- 07.97	111743	14	55			
		08.97- 08.00	111797	14	95			
	[4HB]	06.94- 07.97	111623	14	70			
		06.94- 07.97	111743	14	55			
		A20						
	[4HC]	06.94- 07.97	111623	14	70			
		06.94- 07.97	111742	14	70			
		06.94- 07.97	111743	14	55			
		A20						
Transit 2.5 Diesel	[4ED]	08.97-	111797	14	95	10.96-	112251	12 2.3
	[4BA]	02.86- 08.91	111754	14	70	02.86- 08.91	110461	12 2.8
	[4CA]	02.86- 08.91	110607	14	70	02.86- 08.91	110461	12 2.8
	[4AB]	01.86- 08.91	111754	14	70	10.83- 08.91	110461	12 2.8
	[4AB]	10.83- 02.86	110362					
		10.83- 02.86	110759	14	35			
		01.86- 08.91	110607	14	70			
	[4BA]	02.86- 08.91	110607	14	70			
		09.88- 09.92	111367#	14	55			
	[4CA]	02.86- 08.91	111754	14	70			
		09.88- 09.92	111367#	14	55			
Transit 2.5 DTI	[4HC]	07.94- 07.97	111623	14	70			
		07.94- 07.97	111742	14	70			
		07.94- 07.97	111743	14	55			
		08.97-	111797	14	95			
		A20						
Transit 2.5 TD	[4EC]	08.91- 07.97	111623	14	70	10.96- 08.00	112251	12 2.3
	[4GA]	10.92- 07.97	111743	14	55	10.96-	112251	12 2.3
	[4GE]	08.97-	111797	14	95	06.94- 03.00	110461	12 2.8
	[4GF]	08.97-	111797	14	95	06.94- 03.00	110461	12 2.8
	[4GA]	10.92- 07.97	111623	14	70	10.92- 10.96	110461	12 2.8
	[4GB]	06.94- 07.97	111623	14	70	10.96-	112251	12 2.3
		06.94- 07.97	111743	14	55	06.94- 10.96	110461	12 2.8
	[4EC]	08.91- 07.97	111743	14	55	08.91- 08.94	110461	12 2.8
	[4EA]	09.91- 08.94	111742	14	70	05.91- 08.94	110461	12 2.8



	[4EB]	A20				10.96-	112251	12	2.3
	[4EB]	08.97- 08.00	111797	14	95	07.94- 10.96	110461	12	2.8
	[4HA]	10.98-	111797	14	95	10.98-	112251	12	2.3
	[4HD]	10.98-	111797	14	95	10.98-	112251	12	2.3
	[4GD]	A20				06.94- 03.00	110461	12	2.8
	[4GC]	06.94- 07.97	111743	14	55	06.94- 10.96	110461	12	2.8
						10.96-	112251	12	2.3
	[4EA]	05.91- 08.94	111367#	14	55				
		09.91- 08.94	111623	14	70				
		09.91- 08.94	111743	14	55				
	[4EB]	07.94- 07.97	111623	14	70				
		07.94- 07.97	111742	14	70				
		07.94- 07.97	111743	14	55				
		07.94- 03.00	111367#	14	55				
	[4EC]	08.91- 07.97	111742	14	70				
		07.94- 03.00	111367#	14	55				
		07.97-	111797	14	95				
		A20							
	[4GA]	10.92- 07.97	111742	14	70				
		10.92- 07.94	111367#	14	55				
		08.97-	111797	14	95				
		A20							
	[4GB]	10.92- 07.94	111367#	14	55				
		06.94- 07.97	111742	14	70				
		08.97-	111797	14	95				
		A20							
	[4GC]	10.92- 07.94	111367#	14	55				
		06.94- 07.97	111623	14	70				
		06.94- 07.97	111742	14	70				
		08.97-	111797	14	95				
	[4GD]	06.94- 07.97	111623	14	70				
		06.94- 07.97	111742	14	70				
		06.94- 07.97	111743	14	55				
		08.97-	111797	14	95				
	[4GE]	06.94- 07.97	111623	14	70				
		06.94- 07.97	111742	14	70				
		06.94- 07.97	111743	14	55				
		A20							
	[4GF]	06.94- 07.97	111623	14	70				
		06.94- 07.97	111742	14	70				
		06.94- 07.97	111743	14	55				
		A20							
Transit 2.5 TDI	[4EB]	06.94- 03.00	111367#	14	55	10.96-	112251	12	2.3
		09.95- 07.97	111742	14	70	09.95- 10.96	110461	12	2.8
	[4EC]	06.94- 03.00	111367#	14	55	06.94- 03.00	110461	12	2.8
	[4EB]	09.95- 07.97	111623	14	70				
		09.95- 07.97	111743	14	55				
		08.97-	111797	14	95				
		A20							
	[4EC]	09.95- 07.97	111623	14	70				
		09.95- 07.97	111742	14	70				
		09.95- 07.97	111743	14	55				
		08.97-	111797	14	95				
		A20							
Transit 2.9 i	[BRT]	01.91-	111157	14	90	01.91-	110842	12	1.4
Transit 3.2 TDCi	[SAFA]					09.07-	113959	12	2.0
Various Models						01.71-	110462	12	2.8
						05.81- 01.82	110998	24	5.2
						01.71-	110454	12	3.6
						09.68- 02.72	110868	12	1.1
						09.64- 09.72	110771	12	0.8
						04.72- 12.86	110461	12	2.8
						11.85- 09.91	110870#	12	1.0
						01.86- 12.94	110842	12	1.4
						07.85- 02.92	111030	12	1.4
						10.98-	111906	12	1.1
						01.71- 01.82	110336	12	0.75
						09.80- 02.85	110337	12	0.85
						01.76- 01.88	110831	12	0.8
						03.95- 01.00	112586	12	1.4
						03.95- 02.99	112584	12	1.4
Windstar 3.0 V6	A3								
<b>PASSENGER CARS US</b>									
300 4.3						01.63- 01.63	110225	12	
						01.63- 01.63	110224	12	1.3
Aerostar 2.3		01.86- 01.91	112842	14	75	01.86- 01.87	112963	12	1.4
		01.86- 01.90	111252	14	75				
		01.86- 01.88	112834	14	145				
		01.86- 12.90	112916#	14	80				
		01.86- 01.87	112837#	14	65				
Aerostar 2.8		01.86- 01.86	112838#	14	65	01.86- 01.86	112016	12	
		01.86- 01.86	112836#	14	65				
Aerostar 3.0		01.97- 01.97	111199	14	95	01.92- 01.97	112588	12	1.4
		01.92- 01.96	112928#	14	95	01.92- 01.97	111370	12	1.2
		01.86- 01.88	112834	14	145				
		01.86- 01.91	112837#	14	65				
		01.86- 01.91	112916#	14	80				
		01.86- 01.91	112842	14	75				
		01.86- 01.91	111252	14	75				
Aerostar 4.0						01.96- 01.96	111844	12	1.4
		01.92- 01.97	111199	14	95	01.97- 01.97	112597	12	1.4
		01.90- 01.95	112843#	14	80	01.97- 01.97	112607	12	1.4
Aspire 1.3						01.94- 01.97	110808	12	0.85
		01.94- 01.97	111308#	14	65	01.94- 01.97	110807	12	0.85
Aspire 1.3 SE						01.94- 01.95	110808	12	0.85
		01.94- 01.95	111308#	14	65	01.94- 01.95	110807	12	0.85
Bronco 2.8		01.84- 01.85	110237	14	60	01.84- 01.85	112016	12	
Bronco 2.9		01.86- 01.90	112838#	14	65	01.86- 01.90	112016	12	
		01.86- 01.90	110237	14	60				
		01.86- 01.90	112836#	14	65				
		01.86- 01.90	112837#	14	65				
Bronco 3.3						01.73- 01.74	110226	12	
Bronco 4.7						01.66- 01.68	110225	12	
						01.66- 01.68	110224	12	1.3
						01.80- 01.82	110225	12	
Bronco 4.9		01.87- 01.93	112839#	14	75	01.92- 01.93	111183	12	1.4
		01.87- 01.91	112835	14	65	01.92- 01.93	112593	12	1.4
		01.87- 01.91	112838#	14	65	F Series 01.92- 01.97	113218#	12	1.4
		01.80- 01.91	110237	14	60	01.83- 01.91	112965	12	
		01.80- 01.91	110238	14	70	01.83- 01.91	112964	12	
Bronco 5.0						01.85- 01.91	112964	12	
						01.85- 01.91	112965	12	
						01.69- 01.84	110225	12	
						01.69- 01.77	110224	12	1.3
		01.92- 01.96	112842	14	75	01.92- 01.96	111183	12	1.4
		01.77- 01.91	110237	14	60	01.92- 01.96	112593	12	1.4
		01.80- 01.91	110238	14	70	F Series 01.92- 01.97	113218#	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

FORD Continued

Bronco 5.8	01.91-	111199	14	95	01.92- 01.96	111183	12	1.4
	01.91-	111220	14	105	01.92- 01.96	112593	12	1.4
	01.92- 01.96	112842	14	75	F Series 01.92- 01.97	113218#	12	1.4
	01.78- 01.91	110237	14	60	01.86- 01.91	112965	12	
	01.80- 01.91	110238	14	70	01.80- 01.91	110225	12	
	01.87- 01.91	112839#	14	75				
	01.86- 01.91	112835	14	65				
	01.78- 01.79	110237	14	60				
Bronco 6.6					01.62- 01.64	110226	12	
Club 2.4					01.62- 01.67	110226	12	
Club 2.8					01.55-	113729	6	
Club 3.7					01.63- 01.64	110225	12	
Club 4.3					01.63- 01.64	110224	12	1.3
Club 4.5					01.55-	113729	6	
Contour 2.0	02.98- 01.00	112952#	14	105	01.97- 01.00	112235	12	1.4
					01.97- 01.00	112340	12	1.4
					01.95- 01.98	112235	12	1.4
Contour 2.0 GL					01.95- 01.98	112340	12	1.4
Contour 2.0 LX					01.95- 01.98	112235	12	1.4
					01.95- 01.98	112340	12	1.4
Contour 2.0 SE					01.98- 01.98	112340	12	1.4
					01.98- 01.98	112235	12	1.4
Contour 2.0 Sport					01.96- 01.96	112235	12	1.4
					01.96- 01.96	112340	12	1.4
Contour 2.5	01.98- 01.00	112939	14	130	01.95- 01.00	112591	12	1.4
	01.99- 01.00	112960#	14	110	01.98- 01.00	111374	12	1.5
	01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5
Contour 2.5 GL					01.95- 01.98	111374	12	1.5
Contour 2.5 LX	01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5
Contour 2.5 SE	01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5
Contour 2.5 Sport	01.96- 01.97	112939	14	130	01.96- 01.97	111374	12	1.5
Contour 2.5 SVT	01.98- 01.00	112939	14	130	01.98- 01.00	111374	12	1.5
	01.99- 01.00	112960#	14	110				
Country 3.9					01.65- 01.70	110225	12	
					01.65- 01.70	110224	12	1.3
Country 4.3					01.63- 01.64	110225	12	
					01.63- 01.64	110224	12	1.3
Country 4.7					01.63- 01.67	110225	12	
					01.63- 01.67	110224	12	1.3
Country 5.0					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Country 5.8					01.65- 01.67	110226	12	
					01.69- 01.74	110225	12	
Country 6.4					01.65- 01.71	110226	12	
Country 6.6	01.71- 01.74	110238	14	70	01.71- 01.74	110228	12	
	01.71- 01.74	110237	14	60				
Country 7.0					01.65- 01.70	110226	12	
					01.69- 01.73	110229	12	
					01.69- 01.73	110228	12	
Country 7.5	01.72- 01.74	110238	14	70	01.72- 01.74	110229	12	
	01.72- 01.74	110237	14	60				
Country Squire 4.3					01.63- 01.64	110224	12	1.3
					01.63- 01.64	110225	12	
Country Squire 4.7					01.63- 01.67	110224	12	1.3
					01.63- 01.67	110225	12	
Country Squire 5.0	01.87- 01.91	112835	14	65	01.90- 01.91	111183	12	1.4
	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	
	01.79- 01.79	110238	14	70	01.68- 01.79	110225	12	
	01.79- 01.79	110237	14	60	01.68- 01.72	110224	12	1.3
Country Squire 5.0 LX	01.87- 01.91	112835	14	65	01.90- 01.91	111183	12	1.4
	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	
Country Squire 5.8	01.79- 01.79	110237	14	60	01.64- 01.66	110226	12	
	01.79- 01.79	110238	14	70	01.69- 01.79	110225	12	
Country Squire 6.4					01.68- 01.71	110226	12	
Country Squire 6.6	01.71- 01.76	110237	14	60	01.71- 01.76	110228	12	
	01.71- 01.76	110238	14	70				
Country Squire 7.0					01.66- 01.69	110226	12	
					01.69- 01.73	110228	12	
					01.69- 01.73	110229	12	
Country Squire 7.5	01.72- 01.76	110237	14	60	01.72- 01.76	110229	12	
	01.72- 01.76	110238	14	70				
Courier 1.8					01.72- 01.78	110148	12	0.8
					01.72- 01.76	110286	12	0.9
Courier 2.0					01.79- 01.82	110148	12	0.8
Crown Victoria 4.2								
Crown Victoria 4.6	01.99- 01.02	112942	14	130	01.92- 01.03	113225#	12	1.4
	01.99- 01.02	112947	14	135	01.96- 01.02	112646	12	1.4
	01.96- 01.02	112943	14	130	01.92- 01.95	112592	12	1.4
	01.92- 01.95	112927	14	130	01.04- 01.06	113747		
	01.92- 01.95	112921	14	95				
	01.92- 01.95	112962#	14	130				
	01.93- 01.95	112932	14	130				
Crown Victoria 4.6 LX	01.96- 01.98	112943	14	130	01.92- 01.98	113225#	12	1.4
	01.92- 01.95	112927	14	130	01.96- 01.98	112646	12	1.4
	01.92- 01.95	112962#	14	130	01.92- 01.95	112592	12	1.4
	01.93- 01.95	112932	14	130				
	01.92- 01.95	112921	14	95				
Crown Victoria 4.6 LX Sport					01.06-	113225#	12	1.4
Crown Victoria 4.6 Police Interceptor	01.96- 01.98	112943	14	130	01.93- 01.98	113225#	12	1.4
	01.93- 01.95	112927	14	130	01.96- 01.98	112646	12	1.4
	01.93- 01.95	112921	14	95	01.93- 01.95	112592	12	1.4
	01.93- 01.95	112962#	14	130				
	01.93- 01.95	112932	14	130				
Crown Victoria 4.6 S	01.96- 01.98	112943	14	130	01.92- 01.98	113225#	12	1.4
	01.92- 01.95	112927	14	130	01.96- 01.98	112646	12	1.4
	01.93- 01.95	112932	14	130	01.92- 01.95	112592	12	1.4
	01.92- 01.95	112921	14	95				
	01.92- 01.95	112962#	14	130				
Crown Victoria 4.6	01.99- 01.02	112942	14	130	01.96- 01.03	113225#	12	1.4
	01.96- 01.02	112943	14	130	01.96- 01.02	112646	12	1.4
	01.99- 01.02	112947	14	135	01.04- 01.06	113747		
Crown Victoria 4.6 LX	01.97- 01.98	112943	14	130	01.97- 01.98	113225#	12	1.4
					01.97- 01.98	112646	12	1.4
Crown Victoria 4.6 Police Interceptor	01.96- 01.98	112943	14	130	01.96- 01.98	113225#	12	1.4
	01.97- 01.98	112947	14	135	01.96- 01.98	112646	12	1.4
Crown Victoria 4.6 S	01.97- 01.98	112947	14	135	01.96- 01.98	113225#	12	1.4
	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
Crown Victoria 4.6					01.06-	113225#	12	1.4
Crown Victoria 4.6 LX					01.06-	113225#	12	1.4
Crown Victoria 4.6 Police Interceptor					01.08-	113225#	12	1.4
Crown Victoria 5.0	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	
	01.87- 01.91	112835	14	65				
Crown Victoria 5.0 LX	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	
	01.87- 01.91	112835	14	65				
Crown Victoria 5.0 S	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	
	01.87- 01.91	112835	14	65				
Crown Victoria 5.8	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	
Crown Victoria 5.8 LX	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	
Crown Victoria 5.8 S	01.87- 01.91	112914	14	100	01.87- 01.91	112964	12	



Custom 3.9							01.68- 01.72	110225	12	
							01.68- 01.72	110224	12	1.3
Custom 3.9 500							01.68- 01.72	110225	12	
							01.68- 01.72	110224	12	1.3
Custom 4.3							01.64- 01.64	110225	12	
							01.64- 01.64	110224	12	1.3
Custom 4.7							01.65- 01.67	110224	12	1.3
							01.65- 01.67	110225	12	
Custom 5.0							01.68- 01.72	110225	12	
							01.68- 01.72	110224	12	1.3
Custom 5.0 500							01.68- 01.72	110225	12	
							01.68- 01.72	110224	12	1.3
Custom 5.8							01.65- 01.66	110226	12	
							01.69- 01.72	110225	12	
Custom 5.8 500							01.69- 01.77	110225	12	
							01.75- 01.77	110228	12	
Custom 6.4							01.68- 01.71	110226	12	
Custom 6.4 500							01.68- 01.71	110226	12	
Custom 6.6							01.71- 01.72	110228	12	
							01.71- 01.72	110237	14	60
Custom 6.6 500							01.71- 01.77	110238	14	70
							01.71- 01.77	110237	14	60
Custom 7.0							01.66- 01.70	110226	12	
							01.69- 01.72	110229	12	
							01.69- 01.72	110228	12	
Custom 7.0 500							01.69- 01.73	110229	12	
							01.69- 01.73	110228	12	
							01.68- 01.70	110226	12	
Custom 7.5 500							01.73- 01.76	110229	12	
							01.73- 01.76	110237	14	60
E 4.9 Super Duty							01.96- 01.96	112924	14	130
							01.96- 01.96	112923#	14	95
							01.96- 01.96	112925	14	130
E 5.4 Super Duty							01.97- 01.02	112940	14	95
							01.97- 01.02	112646	12	1.4
E 5.4 Super Duty							01.97- 01.99	112940	14	95
							01.97- 01.99	112646	12	1.4
E 5.8 Super Duty							01.96- 01.96	111200	14	130
							01.96- 01.96	111199	14	95
E 6.8 Super Duty							01.97- 01.02	112940	14	95
							01.97- 01.02	112592	12	1.4
							01.97- 01.02	112646	12	1.4
E 7.3 Turbo Super Duty							01.96- 01.02	112953	14	110
							01.01- 01.02	113762	12	3.6
							01.96- 01.00	112276	12	2.5
E 7.5 Super Duty							01.96- 01.02	111200	14	130
							01.96- 01.96	112924	14	130
							01.96- 01.96	112928#	14	95
							01.96- 01.96	112925	14	130
E 100 2.8							01.68- 01.70	110226	12	
E 100 2.8 Club							01.68- 01.70	110226	12	
E 100 3.9							01.68- 01.74	110225	12	
							01.68- 01.74	110224	12	1.3
E 100 3.9 Club							01.68- 01.74	110225	12	
							01.68- 01.74	110224	12	1.3
E 100 4.9	Econoline						01.72- 01.83	110237	14	60
							01.77- 01.83	110238	14	70
							01.80- 01.83	112914	14	100
							01.72- 01.79	110224	12	1.3
E 100 4.9 Club	Econoline						01.77- 01.82	110238	14	70
							01.74- 01.82	110237	14	60
							01.80- 01.82	112914	14	100
E 100 4.9	Econoline						01.82- 01.82	112914	14	100
							01.82- 01.82	110238	14	70
							01.82- 01.82	110237	14	60
E 100 5.0	Econoline						01.79- 01.83	110238	14	70
							01.79- 01.83	110237	14	60
							01.79- 01.83	112914	14	100
E 100 5.0 Club	Econoline						01.79- 01.82	110237	14	60
							01.79- 01.82	112914	14	100
							01.79- 01.82	110238	14	70
E 100 5.8	Econoline						01.75- 01.83	110237	14	60
							01.75- 01.83	110238	14	70
							01.80- 01.83	112914	14	100
E 100 5.8 Club	Econoline						01.75- 01.82	110238	14	70
							01.75- 01.82	110237	14	60
							01.80- 01.82	112914	14	100
E 100 7.5							01.78- 01.78	110238	14	70
							01.78- 01.78	110237	14	60
E 150 4.2	Econoline						01.97- 01.03	111199	14	95
							01.97- 01.03	111200	14	130
E 150 4.2 Club	Econoline						01.97- 01.98	111199	14	95
							01.97- 01.98	111200	14	130
E 150 4.6	Econoline						01.03- 01.03	112962#	14	130
							01.03- 01.03	112927	14	130
							01.97- 01.02	112940	14	95
E 150 4.6 Club	Econoline						01.97- 01.98	112940	14	95
							01.97- 01.98	112646	12	1.4
E 150 4.9	Econoline						01.92- 01.96	112924	14	130
							01.92- 01.96	112925	14	130
							01.92- 01.96	112923#	14	95
							01.77- 01.91	110238	14	70
							01.75- 01.91	110237	14	60
							01.80- 01.91	112914	14	100
							01.87- 01.91	112835	14	65
E 150 4.9 Club	Econoline						01.92- 01.96	112924	14	130
							01.92- 01.96	112923#	14	95
							01.92- 01.96	112925	14	130
							01.75- 01.91	110237	14	60
							01.87- 01.91	112835	14	65
							01.80- 01.91	112914	14	100
							01.77- 01.91	110238	14	70
E 150 4.9 Super	Econoline						01.80- 01.91	112914	14	100
							01.77- 01.91	110237	14	60
							01.77- 01.91	110238	14	70
							01.87- 01.91	112835	14	65
E 150 4.9	Econoline						01.82- 01.88	110237	14	60
							01.82- 01.88	110238	14	70
							01.82- 01.88	112914	14	100
							01.88- 01.88	112835	14	65
E 150 4.9 Super	Econoline						01.83- 01.84	112914	14	100
							01.83- 01.84	110238	14	70
							01.83- 01.84	110237	14	60

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FORD Continued

E 150 5.0	Econoline	01.92- 01.96	112924	14	130	01.92- 01.96	112593	12	1.4
		01.92- 01.96	112925	14	130	01.86- 01.91	112964	12	
		01.92- 01.96	112928#	14	95	01.86- 01.91	112965	12	
		01.79- 01.91	110238	14	70	01.75- 01.85	110225	12	
		01.75- 01.91	110237	14	60	01.75- 01.75	110224	12	1.3
		01.79- 01.91	112914	14	100				
		01.86- 01.91	112835	14	65				
E 150 5.0 Club	Econoline	01.92- 01.96	112924	14	130	01.92- 01.96	112593	12	1.4
		01.92- 01.96	112928#	14	95	01.86- 01.91	112965	12	
		01.92- 01.96	112925	14	130	01.86- 01.91	112964	12	
		01.79- 01.91	110237	14	60	01.79- 01.85	110225	12	
		01.79- 01.91	112914	14	100				
		01.79- 01.91	110238	14	70				
		01.86- 01.91	112835	14	65				
E 150 5.0 Super	Econoline	01.79- 01.91	110238	14	70	01.86- 01.91	112964	12	
		01.79- 01.91	110237	14	60	01.86- 01.91	112965	12	
		01.79- 01.91	112914	14	100	01.79- 01.85	110225	12	
		01.86- 01.91	112835	14	65				
E 150 5.4	Econoline	01.03-	112962#	14	130	01.97- 01.02	112646	12	1.4
		01.03-	112927	14	130				
		01.97- 01.02	112940	14	95				
E 150 5.4 Club	Econoline	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 150 5.8	Econoline	01.92- 01.96	112924	14	130	01.75- 01.91	110225	12	
		01.92- 01.96	112925	14	130	01.88- 01.91	112965	12	
		01.92- 01.96	112928#	14	95	01.75- 01.87	110224	12	1.3
		01.80- 01.91	112914	14	100				
		01.88- 01.91	112835	14	65				
		01.75- 01.91	110237	14	60				
		01.75- 01.91	110238	14	70				
		01.88- 01.91	111252	14	75				
E 150 5.8 Club	Econoline	01.92- 01.96	112924	14	130	01.92- 01.96	112593	12	1.4
		01.92- 01.96	112928#	14	95	01.92-	111844	12	1.4
		01.92- 01.96	112925	14	130	01.75- 01.91	110225	12	
		01.88- 01.91	112835	14	65	01.88- 01.91	112965	12	
		01.88- 01.91	111252	14	75	01.75- 01.87	110224	12	1.3
		01.80- 01.91	112914	14	100				
		01.75- 01.91	110237	14	60				
		01.75- 01.91	110238	14	70				
E 150 5.8 Super	Econoline	01.88- 01.91	112835	14	65	01.88- 01.91	112965	12	
		01.88- 01.91	111252	14	75	01.77- 01.91	110225	12	
		01.80- 01.91	112914	14	100	01.77- 01.87	110224	12	1.3
		01.77- 01.91	110237	14	60				
E 150 6.9	Econoline	01.84- 01.84	110238	14	70	01.84- 01.84	112267	12	2.5
		01.84- 01.84	110237	14	60				
		01.84- 01.84	112914	14	100				
E 150 7.5	Econoline	01.80- 01.80	112914	14	100	01.76- 01.79	110229	12	
		01.76- 01.80	110238	14	70				
		01.76- 01.80	110237	14	60				
E 150 7.5 Club	Econoline	01.76- 01.79	110238	14	70	01.76- 01.79	110229	12	
		01.76- 01.79	110237	14	60				
E 150 7.5 Super		01.79- 01.79	110238	14	70				
		01.79- 01.79	110237	14	60				
E 200 2.8		01.79- 01.79	112914	14	100				
E 200 2.8 Club						01.68- 01.70	110226	12	
E 200 3.9						01.68- 01.74	110225	12	
						01.68- 01.74	110224	12	1.3
E 200 3.9 Chateau						01.71- 01.72	110225	12	
						01.71- 01.72	110224	12	1.3
E 200 3.9 Club						01.68- 01.74	110225	12	
						01.68- 01.74	110224	12	1.3
E 200 3.9 Custom						01.71- 01.72	110225	12	
						01.71- 01.72	110224	12	1.3
E 200 4.9	Econoline	01.72- 01.74	110237	14	60	01.72- 01.74	110225	12	
E 200 4.9 Club	Econoline	01.74- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
						01.74- 01.74	110225	12	
E 200 5.0						01.74- 01.74	110224	12	1.3
						01.68- 01.74	110224	12	1.3
E 200 5.0 Chateau						01.68- 01.74	110225	12	
						01.71- 01.72	110224	12	1.3
E 200 5.0 Club						01.71- 01.72	110224	12	1.3
						01.68- 01.74	110225	12	
E 200 5.0 Custom						01.68- 01.74	110224	12	1.3
						01.71- 01.72	110224	12	1.3
E 250 4.2	Econoline	01.97- 01.03	111199	14	95	01.97- 01.02	111183	12	1.4
		01.97- 01.03	111200	14	130				
E 250 4.2 Super	Econoline	01.97- 01.98	111199	14	95	01.97- 01.98	111183	12	1.4
		01.97- 01.98	111200	14	130				
E 250 4.6	Econoline	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 250 4.6 Super	Econoline	01.98- 01.98	112940	14	95	01.98- 01.98	112646	12	1.4
E 250 4.9	Econoline	01.95- 01.96	112924	14	130	01.83- 01.91	112965	12	
		01.92- 01.96	112925	14	130	01.83- 01.91	112964	12	
		01.92- 01.96	112923#	14	95	01.75- 01.82	110225	12	
		01.80- 01.91	112914	14	100	01.75- 01.79	110224	12	1.3
		01.75- 01.91	110237	14	60				
		01.77- 01.91	110238	14	70				
		01.87- 01.91	112835	14	65				
		01.77- 01.91	110237	14	60	01.83- 01.91	112965	12	
E 250 4.9 Club	Econoline	01.87- 01.91	112835	14	65	01.83- 01.91	112964	12	
		01.80- 01.91	112914	14	100	01.77- 01.80	110225	12	
		01.77- 01.91	110238	14	70	01.77- 01.79	110224	12	1.3
		01.91- 01.91	110238	14	70	01.91- 01.91	112964	12	
E 250 4.9 Super	Econoline	01.92- 01.96	112924	14	130	01.91- 01.91	112965	12	
		01.92- 01.96	112925	14	130	01.83- 01.91	112965	12	
		01.92- 01.96	112923#	14	95	01.83- 01.91	112964	12	
		01.87- 01.91	112835	14	65	01.78- 01.82	110225	12	
		01.78- 01.91	110237	14	60				
E 250 4.9	Econoline	01.78- 01.91	110238	14	70				
		01.80- 01.91	112914	14	100				
		01.82- 01.84	110237	14	60	01.82- 01.82	110225	12	
		01.82- 01.84	110238	14	70	01.83- 01.84	112965	12	
E 250 4.9 Club		01.82- 01.84	112914	14	100	01.83- 01.84	112964	12	
		01.85-	110238	14	70				
		01.85-	112914	14	100				
E 250 4.9 Super		01.85-	110237	14	60				
		01.85-	110237	14	60				
		01.85-	110238	14	70				
		01.85-	112914	14	100				



E 250 5.0	Econoline	01.79- 01.91	110238	14	70	01.86- 01.91	112964	12
		01.75- 01.91	110237	14	60	01.86- 01.91	112965	12
		01.79- 01.91	112914	14	100	01.75- 01.85	110225	12
		01.86- 01.91	112835	14	65	01.75- 01.75	110224	12 1.3
E 250 5.0 Club	Econoline	01.79- 01.80	110238	14	70	01.79- 01.80	110225	12
		01.79- 01.80	110237	14	60			
		01.79- 01.80	112914	14	100			
E 250 5.0 Super	Econoline	01.79- 01.91	110238	14	70	01.79- 01.84	110225	12
		01.79- 01.91	110237	14	60	01.86- 01.91	112964	12
		01.79- 01.91	112914	14	100	01.86- 01.91	112965	12
		01.86- 01.91	112835	14	65			
E 250 5.4	Econoline	01.03-	112962#	14	130	01.97- 01.02	112646	12 1.4
		01.03-	112927	14	130			
		01.97- 01.02	112940	14	95			
E 250 5.4 Super	Econoline	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12 1.4
E 250 5.4	Econoline	01.03-	112962#	14	130	01.97- 01.02	112646	12 1.4
		01.03-	112927	14	130			
		01.97- 01.02	112940	14	95			
E 250 5.4 Super	Econoline	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12 1.4
E 250 5.8	Econoline	01.92- 01.96	112924	14	130	01.88- 01.91	112965	12
		01.92- 01.96	112925	14	130	01.75- 01.91	110225	12
		01.92- 01.96	112928#	14	95	01.75- 01.87	110224	12 1.3
		01.80- 01.91	112914	14	100			
		01.88- 01.91	112835	14	65			
		01.75- 01.91	110237	14	60			
		01.75- 01.91	110238	14	70			
		01.88- 01.91	111252	14	75			
E 250 5.8 Club	Econoline	01.75- 01.91	110238	14	70	01.75- 01.91	110225	12
		01.75- 01.91	110237	14	60	01.88- 01.91	112965	12
		01.80- 01.91	112914	14	100	01.75- 01.87	110224	12 1.3
		01.88- 01.91	112835	14	65			
E 250 5.8 HD	Econoline	01.91- 01.91	110238	14	70	01.91- 01.91	110225	12
		01.91- 01.91	112842	14	75	01.91- 01.91	112965	12
		01.92- 01.96	112924	14	130	01.88- 01.91	112965	12
		01.92- 01.96	112928#	14	95	01.77- 01.91	110225	12
E 250 5.8 Super	Econoline	01.92- 01.96	112925	14	130	01.77- 01.87	110224	12 1.3
		01.80- 01.91	112914	14	100			
		01.88- 01.91	112835	14	65			
		01.77- 01.91	110238	14	70			
		01.77- 01.91	110237	14	60			
		01.88- 01.91	111252	14	75			
E 250 6.0 Turbo	Econoline					01.04- 01.07	113744	
E 250 6.6		01.80- 01.80	110238	14	70			
		01.80- 01.80	110237	14	60			
		01.80- 01.80	112914	14	100			
E 250 6.6 Club		01.80- 01.82	110238	14	70			
		01.80- 01.82	110237	14	60			
		01.80- 01.82	112914	14	100			
E 250 6.6 Super		01.80- 01.80	110237	14	60			
		01.80- 01.80	110238	14	70			
		01.80- 01.80	112914	14	100			
E 250 6.8	Econoline	01.97- 01.97	112940	14	95	01.97- 01.97	112646	12 1.4
E 250 6.8 Super	Econoline	01.97- 01.97	112940	14	95	01.97- 01.97	112646	12 1.4
E 250 6.9 Club	Econoline	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12 2.5
		01.83- 01.87	110237	14	60			
		01.83- 01.87	112914	14	100			
E 250 6.9 Super	Econoline	01.83- 01.84	110238	14	70	01.83- 01.84	112267	12 2.5
		01.83- 01.84	110237	14	60			
		01.83- 01.84	112914	14	100			
E 250 7.3 Club	Econoline	01.88- 01.91	112914	14	100	01.88- 01.91	112267	12 2.5
		01.88- 01.91	112835	14	65			
		01.88- 01.91	110238	14	70			
E 250 7.5	Econoline	01.94- 01.96	112924	14	130	01.94- 01.96	113220#	12 1.5
		01.94- 01.96	112928#	14	95	01.75- 01.79	110229	12
		01.75- 01.79	110238	14	70			
		01.75- 01.79	110237	14	60			
E 250 7.5 Club	Econoline	01.94- 01.96	112925	14	130			
		01.75- 01.91	110238	14	70	01.75- 01.79	110229	12
		01.75- 01.91	110237	14	60			
		01.80- 01.91	112914	14	100			
E 250 7.5 Super	Econoline	01.88- 01.91	112835	14	65			
		01.88- 01.91	111252	14	75			
		01.95- 01.96	112924	14	130	01.95- 01.96	113220#	12 1.5
		01.95- 01.96	112928#	14	95			
		01.95- 01.96	112925	14	130			
E 300 2.8		01.78- 01.84	110238	14	70			
		01.78- 01.84	110237	14	60			
		01.78- 01.84	112914	14	100			
		01.80- 01.84	112914	14	100			
E 300 2.8 Club					01.69- 01.70	110226	12	
E 300 3.9		01.68- 01.73	110224	12	1.3	01.69- 01.70	110226	12
		01.68- 01.73	110225	12		01.68- 01.73	110224	12 1.3
		01.68- 01.73	110225	12		01.68- 01.73	110225	12
E 300 3.9 Chateau					01.71- 01.72	110225	12	
E 300 3.9 Club		01.71- 01.72	110224	12	1.3	01.71- 01.72	110224	12 1.3
		01.68- 01.74	110225	12		01.68- 01.74	110225	12
		01.68- 01.74	110224	12		01.68- 01.74	110224	12 1.3
E 300 3.9 Custom		01.71- 01.72	110225	12		01.71- 01.72	110225	12
		01.71- 01.72	110224	12		01.71- 01.72	110224	12 1.3
		01.71- 01.72	110225	12		01.71- 01.72	110225	12
E 300 4.9	Econoline	01.72- 01.74	110237	14	60	01.72- 01.74	110225	12
E 300 4.9 Club	Econoline	01.72- 01.72	110237	14	60	01.72- 01.74	110224	12 1.3
		01.72- 01.72	110224	12		01.72- 01.72	110225	12
		01.68- 01.74	110225	12		01.68- 01.74	110225	12
E 300 5.0					01.68- 01.74	110225	12	
E 300 5.0 Chateau		01.68- 01.74	110224	12	1.3	01.68- 01.74	110224	12 1.3
		01.71- 01.72	110225	12		01.71- 01.72	110225	12
		01.71- 01.72	110224	12		01.71- 01.72	110224	12 1.3
E 300 5.0 Club		01.68- 01.74	110225	12		01.68- 01.74	110225	12
		01.68- 01.74	110224	12		01.68- 01.74	110224	12 1.3
		01.71- 01.72	110225	12		01.71- 01.72	110225	12
E 300 5.0 Custom		01.71- 01.72	110224	12	1.3	01.71- 01.72	110224	12 1.3
		01.71- 01.72	110225	12		01.71- 01.72	110225	12
		01.71- 01.72	110224	12		01.71- 01.72	110224	12 1.3
E 350 4.9	Econoline	01.92- 01.96	112924	14	130	01.83- 01.91	112964	12
		01.92- 01.96	112923#	14	95	01.83- 01.91	112965	12
		01.92- 01.96	112925	14	130	01.75- 01.82	110225	12
		01.77- 01.91	110238	14	70	01.75- 01.82	110224	12 1.3
		01.75- 01.91	110237	14	60			
		01.79- 01.91	112914	14	100			
E 350 4.9 HD Club	Econoline	01.87- 01.91	112835	14	65			
		01.92- 01.96	112924	14	130	01.92- 01.96	112593	12 1.4
		01.92- 01.96	112923#	14	95			
		01.92- 01.96	112925	14	130			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FORD** Continued

E 350 4.9 Super	Econoline	01.92- 01.96 112924	14	130	01.92- 01.96 112593	12	1.4
		01.92- 01.96 112923#	14	95	01.83- 01.91 112964	12	
		01.92- 01.96 112925	14	130	01.83- 01.91 112965	12	
		01.78- 01.91 110238	14	70	01.78- 01.82 110225	12	
		01.78- 01.91 110237	14	60			
		01.79- 01.91 112914	14	100			
E 350 4.9	Econoline	01.87- 01.91 112835	14	65			
		01.83- 01.84 110237	14	60	01.83- 01.84 112964	12	
		01.83- 01.84 110238	14	70	01.83- 01.84 112965	12	
		01.83- 01.84 112914	14	100			
E 350 4.9 Super		01.85- 110237	14	60			
		01.85- 110238	14	70			
		01.85- 112914	14	100			
E 350 5.0	Econoline	01.79- 01.82 112914	14	100	01.75- 01.82 110225	12	
		01.75- 01.82 110237	14	60	01.75- 01.75 110224	12	1.3
		01.79- 01.82 110238	14	70			
		01.79- 01.80 112914	14	100			
E 350 5.0 Super	Econoline	01.79- 01.80 110237	14	60	01.79- 01.80 110225	12	
		01.79- 01.80 110238	14	70			
		01.79- 01.80 112914	14	100			
E 350 5.4	Econoline	01.03- 112962#	14	130	01.97- 01.02 112646	12	1.4
		01.03- 112927	14	130			
		01.97- 01.02 112940	14	95			
E 350 5.4 HD Club	Econoline	01.97- 01.99 112940	14	95	01.97- 01.99 112646	12	1.4
E 350 5.4 Super	Econoline	01.97- 01.99 112940	14	95	01.97- 01.99 112646	12	1.4
E 350 5.4	Econoline	01.03- 112962#	14	130	01.97- 01.02 112646	12	1.4
		01.03- 112927	14	130			
		01.97- 01.02 112940	14	95			
E 350 5.4 Super	Econoline	01.97- 01.98 112940	14	95	01.97- 01.98 112646	12	1.4
		01.92- 01.96 112924	14	130			
E 350 5.8	Econoline	01.92- 01.96 112928#	14	95	01.88- 01.91 112965	12	
		01.92- 01.96 112925	14	130	01.75- 01.87 110224	12	1.3
		01.88- 01.91 112835	14	65			
		01.88- 01.91 111252	14	75			
		01.75- 01.91 110237	14	60			
		01.75- 01.91 110238	14	70			
		01.80- 01.91 112914	14	100			
		01.92- 01.96 112924	14	130			
E 350 5.8 HD Club	Econoline	01.92- 01.96 112924	14	130	01.92- 01.96 112593	12	1.4
		01.92- 01.96 112928#	14	95			
		01.92- 01.96 112925	14	130			
E 350 5.8 Super	Econoline	01.92- 01.96 112924	14	130	01.92- 01.96 112593	12	1.4
		01.92- 01.96 112928#	14	95	01.88- 01.91 112965	12	
		01.92- 01.96 112925	14	130	01.78- 01.91 110225	12	
		01.88- 01.91 112835	14	65			
		01.88- 01.91 111252	14	75			
		01.78- 01.91 110237	14	60			
		01.78- 01.91 110238	14	70			
		01.80- 01.91 112914	14	100			
E 350 6.0 Turbo	Econoline				01.04- 01.07 113744		
E 350 6.6		01.80- 01.82 110237	14	60			
		01.80- 01.82 112914	14	100			
		01.80- 01.82 110238	14	70			
E 350 6.6 Super		01.80- 01.82 112914	14	100			
		01.80- 01.82 110238	14	70			
		01.80- 01.82 110237	14	60			
E 350 6.8	Econoline	01.01- 01.01 112962#	14	130	01.97- 01.02 112646	12	1.4
		01.01- 01.01 112927	14	130			
		01.97- 01.02 112940	14	95			
E 350 6.8 HD Club	Econoline	01.97- 01.98 112940	14	95	01.97- 01.98 112646	12	1.4
E 350 6.8 Super	Econoline	01.97- 01.98 112940	14	95	01.97- 01.98 112646	12	1.4
E 350 6.9	Econoline	01.83- 01.87 110238	14	70	01.83- 01.87 112267	12	2.5
		01.83- 01.87 110237	14	60			
		01.83- 01.87 112914	14	100			
E 350 6.9 Super	Econoline	01.83- 01.87 110238	14	70	01.83- 01.87 112267	12	2.5
		01.83- 01.87 110237	14	60			
		01.83- 01.87 112914	14	100			
E 350 7.3	Econoline	01.88- 01.94 110238	14	70	01.88- 01.94 112267	12	2.5
		01.88- 01.94 112914	14	100			
		01.88- 01.94 112835	14	65			
E 350 7.3 HD Club	Econoline	01.92- 01.94 112924	14	130	01.92- 01.94 112267	12	2.5
		01.92- 01.94 112925	14	130			
		01.92- 01.94 111200	14	130			
E 350 7.3 Super	Econoline	01.88- 01.94 110238	14	70	01.88- 01.94 112267	12	2.5
		01.88- 01.94 112914	14	100			
		01.88- 01.94 112835	14	65			
E 350 7.3 Turbo	Econoline	01.95- 01.03 111200	14	130	01.95- 01.00 112276	12	2.5
		01.01- 01.03 112953	14	110			
E 350 7.3 Turbo HD Club	Econoline	01.95- 01.00 112377	14	215			
		01.95- 01.98 111200	14	130	01.95- 01.98 112276	12	2.5
		01.95- 01.98 112377	14	215			
E 350 7.3 Turbo Super	Econoline	01.95- 01.98 112377	14	215	01.95- 01.98 112276	12	2.5
		01.95- 01.98 111200	14	130			
E 350 7.5	Econoline	01.92- 01.96 112924	14	130	01.92- 01.96 113220#	12	1.5
		01.92- 01.96 112928#	14	95	01.75- 01.79 110229	12	
		01.92- 01.96 112925	14	130			
		01.80- 01.91 112914	14	100			
		01.87- 01.91 112835	14	65			
		01.75- 01.91 110237	14	60			
		01.75- 01.91 110238	14	70			
		01.87- 01.91 111252	14	75			
E 350 7.5 HD Club	Econoline	01.92- 01.96 112924	14	130	01.92- 01.93 112593	12	1.4
		01.92- 01.96 112928#	14	95	01.92- 01.96 113220#	12	1.5
		01.92- 01.96 112925	14	130			
E 350 7.5 Super	Econoline	01.92- 01.96 112924	14	130	01.92- 01.96 112593	12	1.4
		01.92- 01.96 112928#	14	95	01.92- 01.96 113220#	12	1.5
		01.92- 01.96 112925	14	130	01.92- 01.96 112595		
		01.80- 01.91 112914	14	100			
		01.88- 01.91 112835	14	65			
		01.78- 01.91 110237	14	60			
		01.78- 01.91 110238	14	70			
		01.88- 01.91 111252	14	75			
E 450 5.4		01.03- 01.03 112962#	14	130			
		01.03- 01.03 112940	14	95			
		01.03- 01.03 112927	14	130			
E 450 6.0 Turbo	Econoline				01.04- 01.07 113744		
E 450 6.8		01.03- 01.03 112962#	14	130			
		01.03- 01.03 112927	14	130			
		01.03- 01.03 112940	14	95			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



E 450 7.3 Turbo	01.03- 01.03	111200	14	130				
	01.03- 01.03	112953	14	110				
E Series 4.9	01.90- 01.93	112840#	14	80	AT	113892	12	1.8
	01.88- 01.92	112842	14	75				
	01.86- 01.89	112835	14	65				
	01.93- 01.93	111199	14	95	AT	113892	12	1.8
E Series 5.0	01.92- 01.93	111200	14	130				
	01.90- 01.91	112837#	14	65				
Econoline 2.4					01.61- 01.64	110226	12	
Econoline 2.8					01.62- 01.67	110226	12	
Econoline 3.9					01.67- 01.67	110224	12	1.3
					01.67- 01.67	110225	12	
Escape 2.0					01.01- 01.03	112340	12	1.4
Escape 3.0	01.01- 01.03	112958	14	110				
					01.03- 01.03	112235	12	1.4
					01.01- 01.03	111374	12	1.5
	01.01- 01.03	112961	14	110				
					01.01- 01.04	112591	12	1.4
Escort 1.6								
	01.81- 01.82	110237	14	60				
Escort 1.6 GL								
	01.83- 01.85	110237	14	60				
Escort 1.6 GLX								
	01.83- 01.84	110237	14	60				
Escort 1.6 GT								
	01.83- 01.85	110237	14	60				
Escort 1.6 L								
	01.83- 01.85	110237	14	60				
Escort 1.6 LX								
Escort 1.6 Turbo GT								
Escort 1.6 GL					01.83- 01.83	110237	14	60
Escort 1.6 L					01.83- 01.83	110237	14	60
Escort 1.8 GT					01.91- 01.96	110689#	14	65
					01.91- 01.96	110663	14	60
Escort 1.8 LX-E					01.92- 01.93	110663	14	60
Escort 1.9								
	01.91- 01.96	113236	14	75	01.92- 01.93	113216#	12	1.4
Escort 1.9 GL					01.85- 01.88	113232		
	01.85- 01.88	112841#	14	75				
	01.85- 01.90	112836#	14	65				
Escort 1.9 GT					01.86- 01.90	113232		
	01.86- 01.90	112841#	14	75				
	01.89- 01.90	112917#	14	80				
	01.86- 01.90	112836#	14	65				
Escort 1.9 L					01.85- 01.86	113232		
	01.85- 01.86	112841#	14	75				
	01.85- 01.86	112836#	14	65				
Escort 1.9 LX					01.91- 01.96	113236	14	75
	01.86- 01.90	113232						
	01.86- 01.90	112841#	14	75				
	01.89- 01.90	112917#	14	80				
	01.86- 01.90	112836#	14	65				
Escort 1.9 Pony					01.91- 01.92	113236	14	75
	01.87- 01.90	113232						
	01.87- 01.90	112841#	14	75				
	01.89- 01.90	112917#	14	80				
	01.87- 01.90	112836#	14	65				
Escort 1.9 Sport					01.93- 01.95	113236	14	75
Escort 2.0								
	01.98- 01.02	111199	14	95	01.02- 01.02	112340	12	1.4
	01.98- 01.02	112918#	14	95				
	01.97- 01.02	112941#	14	75				
Escort 2.0 LX					01.97- 01.98	112941#	14	75
Escort 2.0 Sport					01.98- 01.98	111199	14	95
	01.98- 01.98	111199	14	95				
	01.97- 01.98	112941#	14	75				
Escort 2.0 GL								
Escort 2.0 L								
Escort 2.0 LX					01.86- 01.86	112836#	14	65
Excursion 5.4					01.00- 01.02	112962#	14	130
					01.00- 01.02	112927	14	130
Excursion 6.0 Turbo								
					01.03- 01.05	113703	12	3.6
					01.03-	113744		
Excursion 6.8					01.00- 01.02	112608	12	1.4
Excursion 7.3 Turbo					01.00- 01.02	112949	14	110
EXP 1.6								
	01.82- 01.85	110237	14	60				
EXP 1.6 Turbo								
EXP 1.9					01.86- 01.86	113232		
	01.86- 01.86	112841#	14	75				
	01.86- 01.86	112836#	14	65				
EXP 1.9 Luxury					01.87- 01.88	113232		
	01.87- 01.88	112841#	14	75				
	01.87- 01.88	112836#	14	65				
EXP 1.9 Sporty					01.87- 01.87	113232		
	01.87- 01.87	112841#	14	75				
	01.87- 01.87	112836#	14	65				
Expedition 4.6								
					01.97- 01.98	112646	12	1.4
					01.99- 01.02	112608	12	1.4
Expedition 5.4					01.97- 01.98	112646	12	1.4
					01.99- 01.02	112608	12	1.4
Explorer 4.0					01.91- 01.98	112030	12	1.4
					01.91- 01.93	111844	12	1.4
	01.97- 01.03	112946	14	130	01.97- 01.03	112607	12	1.4
	01.91- 01.01	111199	14	95	01.97- 01.03	112597	12	1.4
	01.97- 01.01	111200	14	130	01.97- 01.98	112590	12	1.4
Explorer 4.0 Eddie Bauer					01.06-	112607	12	1.4
Explorer 4.0 Limited					01.06-	112607	12	1.4
Explorer 4.0 Sport					01.01- 01.03	112607	12	1.4
	01.01- 01.03	112946	14	130	01.01- 01.03	112597	12	1.4
Explorer 4.0 Sport Trac					01.01- 01.03	112597	12	1.4
	01.01- 01.03	112946	14	130	01.01- 01.03	112607	12	1.4
Explorer 4.0 XLS					01.06-	112607	12	1.4
Explorer 4.0 XLT					01.06-	112607	12	1.4
Explorer 4.0					01.02- 01.02	112597	12	1.4
	01.02- 01.02	112946	14	130	01.01- 01.02	112607	12	1.4
Explorer 4.0 Sport					01.01-	112607	12	1.4
Explorer 4.6					01.02- 01.05	113813	12	1.4

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

FORD Continued

Explorer 5.0						01.96- 01.01	113226#	12	1.4
Explorer Sport Trac 4.0 Limited		01.96- 01.01	112946	14	130	01.98- 01.01	112599#	12	1.4
Explorer Sport Trac 4.0 XLT						01.07-	112607	12	1.4
Explorer Sport Trac 4.0						01.07-	112607	12	1.4
F 100 3.8						01.03-	112607	12	1.4
F 100 3.9						01.82- 01.83	110225	12	
						01.82- 01.83	112964	12	
						01.65- 01.74	110225	12	
						01.65- 01.74	110224	12	1.3
F 100 4.2		01.81- 01.82	110237	14	60	01.81- 01.82	110225	12	
		01.81- 01.82	110238	14	70				
F 100 4.9						01.83- 01.83	112964	12	
						01.83- 01.83	112965	12	
		01.77- 01.83	110238	14	70	01.65- 01.82	110225	12	
		01.77- 01.83	110237	14	60	01.65- 01.79	110224	12	1.3
F 100 4.9 Super Cab		01.77- 01.79	110238	14	70	01.77- 01.79	110225	12	
		01.77- 01.79	110237	14	60	01.77- 01.79	110224	12	1.3
F 100 4.9		01.82- 01.82	110237	14	60	01.82- 01.82	110225	12	
		01.82- 01.82	110238	14	70				
F 100 5.0		01.69- 01.83	110237	14	60	01.69- 01.83	110225	12	
		01.77- 01.83	110238	14	70	01.69- 01.78	110224	12	1.3
F 100 5.8						01.77- 01.79	110228	12	
		01.77- 01.81	110237	14	60	01.66- 01.67	110226	12	
		01.77- 01.81	110238	14	70	01.81- 01.81	110225	12	
F 100 5.8 Super Cab		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
F 100 5.9						01.68- 01.76	110226	12	
F 100 6.4		01.74- 01.76	110237	14	60	01.68- 01.76	110226	12	
F 100 6.6		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
F 100 6.6 Super Cab		01.77- 01.78	110238	14	70	01.77- 01.78	110228	12	
		01.77- 01.78	110237	14	60				
F 100 7.5		01.79- 01.79	110238	14	70				
		01.73- 01.79	110237	14	60	01.73- 01.77	110229	12	
F 150 4.2		01.97- 01.03	111200	14	130	01.99- 01.03	112605		
		01.97- 01.03	111199	14	95	01.97- 01.00	111183	12	1.4
F 150 4.2 Heritage		01.04-	111200	14	130	01.04- 01.05	112605		
F 150 4.2 STX						01.05- 01.05	112605		
F 150 4.2 Super Cab		01.97- 01.97	111199	14	95	01.97- 01.97	111183	12	1.4
		01.97- 01.97	111200	14	130				
F 150 4.2 XL						01.05- 01.05	112605		
F 150 4.2 XLT						01.05- 01.05	112605		
F 150 4.6						01.97- 01.97	112592	12	1.4
						01.98- 01.02	112608	12	1.4
F 150 4.6 Super Cab		01.97- 01.02	112940	14	95	01.97- 01.98	112646	12	1.4
		01.97- 01.00	112940	14	95	01.97- 01.00	112646	12	1.4
						01.97- 01.00	112592	12	1.4
F 150 4.9		01.94- 01.96	112924	14	130				
		01.94- 01.96	112925	14	130				
		01.92- 01.96	112840#	14	80	01.92- 01.96	112593	12	1.4
		01.92- 01.96	112839#	14	75	01.83- 01.91	112964	12	
		01.87- 01.96	112838#	14	65	01.83- 01.91	112965	12	
		01.87- 01.91	112835	14	65	01.75- 01.82	110225	12	
		01.75- 01.91	110237	14	60	01.75- 01.79	110224	12	1.3
		01.77- 01.91	110238	14	70				
F 150 4.9 Super Cab		01.87- 01.96	112838#	14	65	01.92- 01.96	112593	12	1.4
		01.92- 01.96	112839#	14	75	01.83- 01.91	112964	12	
		01.92- 01.96	112840#	14	80	01.83- 01.91	112965	12	
		01.77- 01.91	110238	14	70	01.77- 01.82	110225	12	
		01.77- 01.91	110237	14	60	01.77- 01.79	110224	12	1.3
		01.87- 01.91	112835	14	65				
F 150 4.9		01.82- 01.85	110237	14	60	01.82- 01.85	112965	12	
		01.82- 01.85	110238	14	70	01.82- 01.85	112964	12	
F 150 4.9 Super Cab		01.84- 01.85	110237	14	60	01.84- 01.85	112964	12	
		01.84- 01.85	110238	14	70	01.84- 01.85	112965	12	
F 150 5.0						01.75- 01.78	110224	12	1.3
		01.92- 01.96	112842	14	75	01.92- 01.96	112593	12	1.4
		01.92- 01.96	112916#	14	80	01.92- 01.96	111844	12	1.4
		01.92- 01.96	111252	14	75	01.85- 01.91	112964	12	
		01.75- 01.91	110237	14	60	01.85- 01.91	112965	12	
		01.79- 01.91	110238	14	70	01.75- 01.85	110225	12	
F 150 5.0 Super Cab		01.92- 01.96	112842	14	75	01.92- 01.96	112593	12	1.4
		01.92- 01.96	111252	14	75	01.85- 01.91	112964	12	
		01.92- 01.96	112916#	14	80	01.85- 01.91	112965	12	
		01.77- 01.91	110238	14	70	01.77- 01.85	110225	12	
		01.77- 01.91	110237	14	60	01.77- 01.79	110224	12	1.3
F 150 5.4		01.99- 01.02	112927	14	130				
		01.99- 01.02	112962#	14	130				
		01.97- 01.02	112940	14	95	01.99- 01.02	112608	12	1.4
F 150 5.4 Harley-Davidson edit		01.01-	112940	14	95	01.97- 01.98	112646	12	1.4
F 150 5.4 Super Cab		01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
F 150 5.4 Super Harley-Davidson edit						01.02- 01.03	112608	12	1.4
F 150 5.4 Super Lightning		01.99- 01.02	112940	14	95	01.99- 01.02	112608	12	1.4
F 150 5.4						01.00- 01.02	112608	12	1.4
		01.98- 01.02	112940	14	95	01.98- 01.98	112646	12	1.4
F 150 5.8		01.88- 01.96	111252	14	75	01.92- 01.96	112593	12	1.4
		01.88- 01.96	112842	14	75	01.92- 01.96	111844	12	1.4
		01.92- 01.96	112916#	14	80	01.88- 01.91	110225	12	
		01.77- 01.91	110238	14	70	01.84- 01.91	112965	12	
		01.88- 01.91	112835	14	65	01.84- 01.87	112964	12	
		01.77- 01.91	110237	14	60	01.77- 01.79	110228	12	
F 150 5.8 Lightning		01.93- 01.95	111199	14	95	01.93- 01.95	112593	12	1.4
F 150 5.8 Super Cab		01.92- 01.96	112916#	14	80	01.92- 01.96	112593	12	1.4
		01.88- 01.96	112842	14	75	01.88- 01.91	110225	12	
		01.88- 01.96	111252	14	75	01.84- 01.91	112965	12	
		01.77- 01.91	110237	14	60	01.84- 01.87	112964	12	
		01.88- 01.91	112835	14	65	01.77- 01.79	110228	12	
		01.77- 01.91	110238	14	70				
F 150 5.9		01.75- 01.76	110237	14	60	01.75- 01.76	110226	12	
F 150 6.4		01.75- 01.76	110237	14	60	01.75- 01.76	110226	12	
F 150 6.6		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
F 150 6.6 Super Cab		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
F 150 6.9		01.84- 01.84	110238	14	70	01.84- 01.84	110627	12	2.5
		01.84- 01.84	110237	14	60	01.84- 01.84	112267	12	2.5
F 150 7.5		01.78- 01.79	110238	14	70	01.75- 01.77	110229	12	
		01.75- 01.79	110237	14	60				
F 150 7.5 Super Cab		01.77- 01.79	110237	14	60	01.77- 01.79	110229	12	
		01.77- 01.79	110238	14	70				
F 250 3.9						01.65- 01.74	110224	12	1.3
						01.65- 01.74	110225	12	
F 250 4.2		01.98- 01.98	111199	14	95	01.98- 01.98	111183	12	1.4
		01.98- 01.98	111200	14	130				



F 250 4.2 Super Cab	01.97- 01.97	111200	14	130	01.97- 01.97	111183	12	1.4
	01.97- 01.97	111199	14	95				
F 250 4.6	01.97- 01.99	112940	14	95	01.97- 01.99	112646	12	1.4
					01.97- 01.99	112592	12	1.4
F 250 4.6 Super Cab	01.97- 01.99	112940	14	95	01.97- 01.99	112592	12	1.4
					01.97- 01.99	112646	12	1.4
F 250 4.9	01.92- 01.96	112840#	14	80	01.92- 01.96	112593	12	1.4
	01.87- 01.96	112838#	14	65	01.94- 01.96	113218#	12	1.4
	01.87- 01.91	112835	14	65	01.65- 01.82	110225	12	
	01.77- 01.91	110237	14	60	01.65- 01.79	110224	12	1.3
	01.77- 01.91	110238	14	70	01.83- 01.91	112964	12	
	01.94- 01.96	112924	14	130	01.83- 01.91	112965	12	
	01.94- 01.96	112925	14	130				
	01.92- 01.96	112839#	14	75				
F 250 4.9 Super Cab	01.92- 01.96	112839#	14	75	01.77- 01.79	110224	12	1.3
	01.92- 01.96	112840#	14	80				
	01.87- 01.96	112838#	14	65	01.92- 01.96	112593	12	1.4
	01.87- 01.91	112835	14	65	01.83- 01.91	112965	12	
	01.77- 01.91	110237	14	60	01.83- 01.91	112964	12	
	01.77- 01.91	110238	14	70	01.77- 01.82	110225	12	
F 250 4.9					01.84- 01.85	112965	12	
	01.82- 01.85	110237	14	60	01.82- 01.82	110225	12	
	01.82- 01.85	110238	14	70	01.84- 01.85	112964	12	
F 250 5.0	01.92- 01.96	112842	14	75	01.85- 01.91	112965	12	
	01.92- 01.96	111252	14	75	01.72- 01.85	110225	12	
	01.92- 01.96	112916#	14	80	01.72- 01.78	110224	12	1.3
	01.79- 01.91	110238	14	70	01.92- 01.96	112593	12	1.4
	01.72- 01.91	110237	14	60	01.85- 01.91	112964	12	
F 250 5.0 Super Cab	01.92- 01.96	111252	14	75	01.77- 01.79	110224	12	1.3
	01.92- 01.96	112916#	14	80				
	01.77- 01.83	110238	14	70	01.92- 01.96	112593	12	1.4
	01.77- 01.83	110237	14	60	01.77- 01.83	110225	12	
F 250 5.4	01.97- 01.99	112940	14	95	01.99- 01.99	112608	12	1.4
					01.97- 01.98	112646	12	1.4
F 250 5.4 Super Cab					01.99- 01.99	112608	12	1.4
					01.97- 01.98	112646	12	1.4
	01.99- 01.99	112927	14	130				
	01.99- 01.99	112962#	14	130				
F 250 5.4 Super Duty	01.97- 01.99	112940	14	95	01.99- 01.02	112608	12	1.4
	01.99- 01.02	112962#	14	130				
	01.99- 01.02	112927	14	130				
F 250 5.4	01.99- 01.02	112940	14	95	01.99- 01.99	112608	12	1.4
	01.97- 01.99	112940	14	95	01.97- 01.98	112646	12	1.4
F 250 5.4 Super Cab	01.97- 01.97	112940	14	95	01.97- 01.97	112646	12	1.4
F 250 5.8	01.92- 01.97	112916#	14	80	01.77- 01.79	110228	12	
	01.77- 01.91	110238	14	70	01.66- 01.67	110226	12	
	01.77- 01.91	110237	14	60	01.92- 01.96	112593	12	1.4
	01.88- 01.91	112835	14	65	01.88- 01.91	110225	12	
	01.88- 01.97	111252	14	75	01.84- 01.91	112965	12	
	01.88- 01.97	112842	14	75	01.84- 01.87	112964	12	
F 250 5.8 Super Cab	01.88- 01.97	112842	14	75	01.77- 01.79	110228	12	
	01.92- 01.97	112916#	14	80				
	01.88- 01.97	111252	14	75				
	01.88- 01.91	112835	14	65	01.92- 01.96	112593	12	1.4
	01.77- 01.91	110237	14	60	01.85- 01.91	110225	12	
	01.77- 01.91	110238	14	70	01.85- 01.91	112965	12	
F 250 5.9					01.68- 01.76	110226	12	
F 250 6.0 Turbo Super Duty					01.03-	113744		
F 250 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12	
F 250 6.6	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12	
	01.77- 01.82	110237	14	60				
F 250 6.6 Super Cab	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12	
	01.77- 01.82	110237	14	60				
F 250 6.8 Super Duty	01.99- 01.02	112962#	14	130	01.99- 01.02	112608	12	1.4
	01.99- 01.02	112927	14	130				
F 250 6.9	01.99- 01.02	112940	14	95	01.85- 01.87	110627	12	2.5
	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12	2.5
F 250 6.9 Super Cab	01.83- 01.87	110238	14	70	01.85- 01.87	110627	12	2.5
	01.83- 01.87	110237	14	60	01.83- 01.87	112267	12	2.5
F 250 7.3	01.94- 01.94	111200	14	130	01.88- 01.94	110627	12	2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112276	12	2.5
	01.88- 01.93	110237	14	60	01.88- 01.94	112267	12	2.5
	01.88- 01.93	112835	14	65	01.94-	112275		
F 250 7.3 Super Cab	01.94- 01.94	111200	14	130	01.94- 01.94	112276	12	2.5
	01.88- 01.93	110238	14	70	01.88- 01.94	112267	12	2.5
	01.88- 01.93	110237	14	60	01.94- 01.94	112275		
	01.88- 01.93	112835	14	65	01.88- 01.94	110627	12	2.5
F 250 7.3 Turbo	01.93- 01.97	111200	14	130	01.94- 01.97	112276	12	2.5
					01.93- 01.94	110627	12	2.5
					01.93- 01.93	112267	12	2.5
F 250 7.3 Turbo Super Cab	01.93- 01.97	111200	14	130	01.94- 01.97	112276	12	2.5
					01.93- 01.94	110627	12	2.5
					01.93- 01.93	112267	12	2.5
F 250 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.99- 01.00	112276	12	2.5
	01.99- 01.02	112950#	14	110				
F 250 7.5	01.97- 01.97	112924	14	130				
	01.97- 01.97	112925	14	130				
	01.97- 01.97	112928#	14	95				
	01.92- 01.96	112916#	14	80				
	01.78- 01.91	110238	14	70	01.92- 01.97	112594	12	1.5
	01.73- 01.91	110237	14	60	01.92- 01.97	113220#	12	1.5
	01.88- 01.91	112835	14	65	01.97- 01.97	112595	12	
	01.88- 01.96	111252	14	75	01.73- 01.78	110229	12	
F 250 7.5 Super Cab	01.97- 01.97	112924	14	130	01.97- 01.97	112595	12	
	01.97- 01.97	112928#	14	95	01.77- 01.79	110229	12	
	01.97- 01.97	112925	14	130				
	01.88- 01.96	111252	14	75				
	01.92- 01.96	112916#	14	80				
	01.88- 01.91	112835	14	65				
	01.77- 01.91	110238	14	70	01.92- 01.97	112594	12	1.5
	01.77- 01.91	110237	14	60	01.92- 01.97	113220#	12	1.5
F 350 3.9					01.65- 01.74	110225	12	
					01.65- 01.74	110224	12	1.3
F 350 4.9	01.92- 01.96	112839#	14	75	01.83- 01.91	112965	12	
	01.87- 01.96	112838#	14	65	01.83- 01.91	112964	12	
	01.92- 01.96	112840#	14	80				
	01.87- 01.91	112835	14	65				
	01.77- 01.91	110238	14	70	01.65- 01.82	110225	12	
	01.77- 01.91	110237	14	60	01.65- 01.79	110224	12	1.3
F 350 4.9 Super Cab	01.79- 01.80	110238	14	70	01.79- 01.80	110225	12	
	01.79- 01.80	110237	14	60				
F 350 4.9					01.84- 01.85	112965	12	
	01.82- 01.85	110237	14	60	01.82- 01.82	110225	12	
	01.82- 01.85	110238	14	70	01.84- 01.85	112964	12	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

FORD Continued

F 350 5.0	01.79- 01.80	110238	14	70	01.72- 01.80	110225	12
	01.72- 01.80	110237	14	60	01.72- 01.78	110224	12 1.3
F 350 5.0 Super Cab	01.79- 01.80	110237	14	60	01.79- 01.80	110225	12
	01.79- 01.80	110238	14	70			
F 350 5.4 Super Duty	01.99- 01.02	112962#	14	130	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
	01.99- 01.02	112940	14	95			
F 350 5.8	01.88- 01.97	111252	14	75	01.85- 01.91	110225	12
	01.88- 01.97	112842	14	75	01.85- 01.91	112965	12
	01.92- 01.97	112916#	14	80	01.77- 01.79	110228	12
	01.88- 01.91	112835	14	65			
	01.77- 01.91	110238	14	70	01.66- 01.67	110226	12
	01.77- 01.91	110237	14	60	01.92- 01.96	112593	12 1.4
F 350 5.8 Super Cab	01.95- 01.97	111199	14	95			
	01.77- 01.80	110238	14	70	01.92- 01.96	112593	12 1.4
	01.77- 01.80	110237	14	60	01.77- 01.79	110228	12
F 350 5.9	01.76- 01.80	110237	14	60	01.68- 01.76	110226	12
F 350 6.0 Turbo Super Duty					01.03-	113744	
F 350 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12
F 350 6.6	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.82	110237	14	60			
F 350 6.6 Super Cab	01.77- 01.80	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.80	110237	14	60			
F 350 6.8 Super Duty	01.99- 01.02	112962#	14	130	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
	01.99- 01.02	112940	14	95			
F 350 6.9	01.83- 01.87	110238	14	70	01.85- 01.87	110627	12 2.5
	01.83- 01.87	110237	14	60	01.83- 01.87	112267	12 2.5
F 350 7.3	01.94- 01.94	111200	14	130	01.88- 01.94	110627	12 2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110237	14	60	01.94- 01.94	112275	12 2.5
	01.88- 01.93	112835	14	65	01.88- 01.94	112267	12 2.5
F 350 7.3 Super Cab	01.94- 01.94	111200	14	130	01.88- 01.94	110627	12 2.5
	01.88- 01.93	112835	14	65	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112275	12 2.5
	01.88- 01.93	110237	14	60	01.88- 01.94	112267	12 2.5
F 350 7.3 Turbo	01.93- 01.97	111200	14	130	01.93- 01.94	110627	12 2.5
					01.94- 01.97	112276	12 2.5
					01.93- 01.93	112267	12 2.5
F 350 7.3 Turbo Super Cab	01.93- 01.97	111200	14	130	01.93- 01.94	110627	12 2.5
					01.94- 01.97	112276	12 2.5
					01.93- 01.93	112267	12 2.5
F 350 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.99- 01.00	112276	12 2.5
	01.99- 01.02	112950#	14	110			
F 350 7.5	01.97- 01.97	112924	14	130	01.97- 01.97	112595	
	01.97- 01.97	112925	14	130	01.73- 01.78	110229	12
	01.97- 01.97	112928#	14	95			
	01.88- 01.96	111252	14	75			
	01.92- 01.96	112916#	14	80			
	01.88- 01.91	112835	14	65			
	01.79- 01.91	110238	14	70	01.92- 01.97	112594	12 1.5
	01.73- 01.91	110237	14	60	01.92- 01.97	113220#	12 1.5
F 350 7.5 Super Cab	01.97- 01.97	112928#	14	95	01.97- 01.97	112595	
	01.97- 01.97	112925	14	130	01.77- 01.79	110229	12
	01.88- 01.96	111252	14	75			
	01.92- 01.96	112916#	14	80			
	01.88- 01.91	112835	14	65			
	01.77- 01.91	110237	14	60	01.92- 01.97	112594	12 1.5
	01.77- 01.91	110238	14	70	01.92- 01.97	113220#	12 1.5
F 450 6.0 Turbo Lariat Super Duty					01.03-	113744	
F 450 6.0 Turbo Super Duty					01.03-	113744	
F 450 6.0 Turbo XL Super Duty					01.03-	113744	
F 450 6.0 Turbo XLT Super Duty					01.03-	113744	
F 450 6.8 Super Duty	01.99- 01.02	112962#	14	130	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
	01.99- 01.02	112940	14	95			
F 450 7.3 Super Duty	01.93- 01.94	111200	14	130	01.90- 01.94	110627	12 2.5
	01.90- 01.92	110238	14	70	01.90- 01.94	112267	12 2.5
	01.90- 01.92	110237	14	60			
F 450 7.3 Turbo Super Duty	01.94- 01.02	112949	14	110	01.01- 01.02	113762	12 3.6
	01.94- 01.02	112950#	14	110	01.94- 01.00	112276	12 2.5
F 450 7.5 Super Duty	01.95- 01.97	112924	14	130	01.92- 01.96	112594	12 1.5
	01.95- 01.97	112925	14	130	01.95- 01.97	113220#	12 1.5
	01.95- 01.97	112928#	14	95			
	01.90- 01.94	111252	14	75			
	01.91- 01.94	112840#	14	80			
	01.90- 01.90	112842	14	75			
	01.90- 01.90	110238	14	70			
	01.90- 01.90	110237	14	60			
	01.90- 01.90	112835	14	65			
F 53 7.5	01.88- 01.91	110238	14	70	01.92- 01.97	113220#	12 1.5
	01.88- 01.91	112835	14	65	01.97- 01.97	112595	
	01.88- 01.91	110237	14	60			
	01.88- 01.96	111252	14	75			
	01.97- 01.97	112924	14	130			
	01.97- 01.97	112925	14	130			
	01.97- 01.97	112928#	14	95			
	01.92- 01.96	112916#	14	80			
F 550 6.0 Turbo Lariat Super Duty					01.03-	113744	
F 550 6.0 Turbo Super Duty					01.03-	113744	
F 550 6.0 Turbo XL Super Duty					01.03-	113744	
F 550 6.0 Turbo XLT Super Duty					01.03-	113744	
F 550 6.8 Super Duty	01.99- 01.02	112962#	14	130	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
	01.99- 01.02	112940	14	95			
F 550 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.99- 01.00	112276	12 2.5
	01.99- 01.02	112950#	14	110	01.01- 01.02	113762	12 3.6
F 59 7.3	01.88- 01.93	110237	14	60	01.89- 01.94	112267	12 2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112275	12 2.5
	01.88- 01.93	112835	14	65	01.94- 01.94	112276	12 2.5
	01.94- 01.94	111200	14	130			
F 59 7.3 Turbo	01.93- 01.96	111200	14	130	01.94- 01.96	112276	12 2.5
					01.93- 01.93	112267	12 2.5
Fairlane 2.8					01.63- 01.66	110226	12
Fairlane 3.3					01.65- 01.68	110226	12
Fairlane 3.3 500					01.68- 01.68	110226	12
Fairlane 3.6					01.62- 01.63	110225	12
Fairlane 4.1					01.69- 01.69	110225	12
Fairlane 4.1 500					01.69- 01.70	110225	12
Fairlane 4.3					01.62- 01.64	110225	12
Fairlane 4.7					01.64- 01.68	110225	12
					01.64- 01.68	110224	12 1.3



Fairlane 4.7 500										01.68- 01.68	110225	12
										01.68- 01.68	110224	12 1.3
Fairlane 5.0										01.68- 01.69	110225	12
										01.68- 01.69	110224	12 1.3
Fairlane 5.0 500										01.68- 01.70	110224	12 1.3
										01.68- 01.70	110225	12
Fairlane 5.8		01.89- 01.99	112993	14	130					01.69- 01.69	110225	12
		01.89- 01.99	112994	14	100					01.69- 01.69	110224	12 1.3
Fairlane 5.8 500										01.69- 01.70	110225	12
										01.69- 01.70	110224	12 1.3
Fairlane 6.4										01.66- 01.69	110226	12
Fairlane 6.4 500										01.68- 01.69	110226	12
Fairlane 7.0		01.89- 01.99	112993	14	130					01.66- 01.69	110226	12
		01.89- 01.99	112994	14	100							
Fairlane 7.0 500										01.70- 01.70	110229	12
										01.68- 01.69	110226	12
Fairmont 2.3		01.78- 01.82	110238	14	70					01.78- 01.82	112963	12 1.4
		01.78- 01.83	110237	14	60							
		01.73- 01.76	110239	14	90							
Fairmont 2.3 Futura		01.78- 01.83	110238	14	70				01.78- 01.83	112963	12 1.4	
		01.78- 01.83	110237	14	60							
Fairmont 3.3		01.79- 01.82	112914	14	100							
		01.78- 01.82	110237	14	60							
		01.78- 01.82	110238	14	70							
Fairmont 3.3 Futura		01.78- 01.83	110238	14	70				01.83- 01.83	112964	12	
		01.78- 01.83	110237	14	60							
		01.80- 01.83	112914	14	100							
Fairmont 4.2		01.80- 01.82	110238	14	70				01.80- 01.82	110225	12	
		01.80- 01.82	110237	14	60				01.80- 01.82	112964	12	
		01.80- 01.82	112914	14	100							
Fairmont 4.2 Futura		01.80- 01.81	112914	14	100				01.80- 01.81	110225	12	
		01.80- 01.81	110237	14	60				01.80- 01.81	112964	12	
		01.80- 01.81	110238	14	70							
Fairmont 5.0		01.78- 01.82	110239	14	90				01.78- 01.79	110225	12	
		01.78- 01.79	110238	14	70							
		01.78- 01.79	110237	14	60							
		01.78- 01.79	112914	14	100							
Fairmont 5.0 Futura		01.78- 01.79	110238	14	70				01.78- 01.79	110225	12	
		01.78- 01.79	110237	14	60							
		01.78- 01.79	112914	14	100							
Falcon 2.4										01.61- 01.64	110226	12
Falcon 2.4 Delivery										01.61- 01.64	110226	12
Falcon 2.8										01.61- 01.69	110226	12
Falcon 2.8 Delivery										01.61- 01.65	110226	12
Falcon 2.8 Futura										01.69- 01.69	110226	12
Falcon 3.3										01.66- 01.70	110225	12
Falcon 3.3 Futura										01.68- 01.70	110225	12
Falcon 4.1										01.70- 01.70	110225	12
Falcon 4.1 Futura										01.70- 01.70	110225	12
Falcon 4.3										01.63- 01.64	110225	12
Falcon 4.3 Delivery										01.63- 01.64	110225	12
Falcon 4.7										01.64- 01.68	110225	12
										01.64- 01.68	110224	12 1.3
Falcon 4.7 Delivery										01.65- 01.65	110225	12
										01.65- 01.65	110224	12 1.3
Falcon 4.7 Futura										01.68- 01.68	110225	12
										01.68- 01.68	110224	12 1.3
Falcon 5.0										01.68- 01.70	110225	12
										01.68- 01.70	110224	12 1.3
Falcon 5.0 Futura										01.68- 01.70	110225	12
										01.68- 01.70	110224	12 1.3
Festiva 1.3 GL										01.91- 01.93	110808	12 0.85
										01.91- 01.93	110807	12 0.85
Festiva 1.3 L		01.88- 01.93	110692	14	55					01.88- 01.93	110807	12 0.85
										01.88- 01.93	110808	12 0.85
Festiva 1.3 L Plus										01.90- 01.90	110807	12 0.85
										01.90- 01.90	110808	12 0.85
Festiva 1.3 LX		01.88- 01.90	110692	14	55					01.88- 01.92	110807	12 0.85
										01.88- 01.92	110808	12 0.85
Fiesta 1.6		01.78- 01.80	111289	14	70					01.78- 01.80	111053	12 0.8
Focus 2.0 LE		01.00- 01.00	112959	14	110					01.00- 01.00	112235	12 1.4
Focus 2.0 LX		01.00- 01.02	112959	14	110					01.00- 01.02	112235	12 1.4
Focus 2.0 S2		01.01- 01.02	112958	14	110					01.01- 01.02	112235	12 1.4
Focus 2.0 SE		01.00- 01.02	112959	14	110					01.00- 01.02	112235	12 1.4
Focus 2.0 Street		01.01- 01.02	112958	14	110					01.01- 01.02	112235	12 1.4
Focus 2.0 SVT		01.02- 01.02	112958	14	110					01.02- 01.02	112235	12 1.4
Focus 2.0 ZTS		01.00- 01.02	112958	14	110					01.00- 01.02	112235	12 1.4
Focus 2.0 ZTW		01.02- 01.02	112958	14	110					01.02- 01.02	112235	12 1.4
Focus 2.0 ZX3		01.00- 01.02	112958	14	110					01.00- 01.02	112235	12 1.4
Focus 2.0 ZX5		01.02- 01.02	112958	14	110					01.02- 01.02	112235	12 1.4
Focus 2.3 LX										01.04-	113814	12
Focus 2.3 SE										01.04-	113814	12
Focus 2.3 ZTS										01.04-	113814	12
Focus 2.3 ZTW										01.04-	113814	12
Focus 2.3 ZX3										01.04-	113814	12
Focus 2.3 ZX5										01.04-	113814	12
Freestar 4.2										01.04- 01.05	112605	
Galaxie 3.9										01.65- 01.67	110225	12
										01.65- 01.67	110224	12 1.3
Galaxie 3.9 500										01.68- 01.72	110225	12
										01.68- 01.72	110224	12 1.3
Galaxie 4.3										01.64- 01.64	110225	12
										01.64- 01.64	110224	12 1.3
Galaxie 4.7										01.63- 01.67	110225	12
										01.63- 01.67	110224	12 1.3
Galaxie 5.0 500		01.72- 01.72	110237	14	60					01.68- 01.72	110225	12
										01.68- 01.72	110224	12 1.3
Galaxie 5.0 500 XL										01.68- 01.70	110225	12
										01.68- 01.70	110224	12 1.3
Galaxie 5.8										01.65- 01.66	110226	12
Galaxie 5.8 500										01.69- 01.74	110225	12
Galaxie 5.8 500 XL										01.69- 01.70	110225	12
Galaxie 6.4										01.65- 01.67	110226	12
Galaxie 6.4 500										01.68- 01.71	110226	12
Galaxie 6.4 500 XL										01.68- 01.70	110226	12
Galaxie 6.6 500		01.71- 01.74	110237	14	60					01.71- 01.74	110228	12
		01.71- 01.74	110238	14	70							
Galaxie 7.0										01.65- 01.67	110226	12
Galaxie 7.0 500										01.69- 01.73	110229	12
										01.69- 01.73	110228	12
										01.68- 01.69	110226	12
Galaxie 7.0 500 XL										01.68- 01.69	110226	12
										01.69- 01.70	110228	12
										01.69- 01.70	110229	12
Galaxie 7.5 500		01.73- 01.74	110237	14	60					01.73- 01.74	110229	12
		01.73- 01.74	110238	14	70							
Gran Torino 4.1		01.72- 01.74	110238	14	70				01.72- 01.74	110225	12	
		01.72- 01.74	110237	14	60							



Application list

FORD Continued

Gran Torino 4.1 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70				
Gran Torino 5.0	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.0 Brougham	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70	01.74- 01.74	110224	12	1.3
Gran Torino 5.0 Sport	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.0 Squire	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.8	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110224	12	1.3
Gran Torino 5.8 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110225	12	
	01.74- 01.76	110238	14	70	01.74- 01.76	110224	12	1.3
Gran Torino 5.8 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70	01.74- 01.74	110224	12	1.3
Gran Torino 5.8 Sport	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110224	12	1.3
Gran Torino 5.8 Squire	01.72- 01.76	110238	14	70	01.72- 01.76	110225	12	
	01.72- 01.76	110237	14	60	01.72- 01.76	110224	12	1.3
Gran Torino 6.6	01.72- 01.76	110238	14	70	01.72- 01.76	110229	12	
	01.72- 01.76	110237	14	60	01.72- 01.76	110228	12	
Gran Torino 6.6 Brougham	01.74- 01.76	110238	14	70	01.74- 01.76	110229	12	
	01.74- 01.76	110237	14	60	01.74- 01.76	110228	12	
Gran Torino 6.6 Elite	01.74- 01.74	110238	14	70	01.74- 01.74	110229	12	
	01.74- 01.74	110237	14	60	01.74- 01.74	110228	12	
Gran Torino 6.6 Sport	01.72- 01.75	110238	14	70	01.72- 01.75	110229	12	
	01.72- 01.75	110237	14	60	01.72- 01.75	110228	12	
Gran Torino 6.6 Squire	01.72- 01.76	110237	14	60	01.72- 01.76	110229	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110228	12	
Gran Torino 7.0	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.0 Sport	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.0 Squire	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.5	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Gran Torino 7.5 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Gran Torino 7.5 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110229	12	
	01.74- 01.74	110238	14	70				
Gran Torino 7.5 Sport	01.74- 01.75	110237	14	60	01.74- 01.75	110229	12	
	01.74- 01.75	110238	14	70				
Gran Torino 7.5 Squire	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Granada 2.3	01.81- 01.82	110237	14	60	01.81- 01.82	112963	12	1.4
Granada 3.3	01.75- 01.82	110237	14	60	01.81- 01.82	112964	12	
	01.75- 01.82	110238	14	70	01.75- 01.77	110226	12	
Granada 3.3 Ghia	01.77- 01.77	110237	14	60	01.77- 01.77	110226	12	
	01.77- 01.77	110238	14	70				
Granada 3.8					01.82- 01.82	112964	12	
Granada 4.1	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12	
	01.75- 01.80	110238	14	70				
Granada 4.1 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12	
	01.75- 01.77	110238	14	70				
Granada 4.2	01.80- 01.81	110237	14	60	01.80- 01.81	112964	12	
	01.80- 01.81	110238	14	70				
Granada 5.0	01.75- 01.80	110238	14	70	01.80- 12.80	112964	12	
	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12	
					01.75- 01.80	110224	12	1.3
Granada 5.0 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110224	12	1.3
	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
Granada 5.8	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
	01.75- 01.77	110237	14	60				
Granada 5.8 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12	
	01.75- 01.77	110238	14	70				
LTD 2.3	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12	1.4
LTD 2.3 Brougham	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12	1.4
LTD 2.3	01.83- 01.85	110237	14	60	01.83- 01.85	112963	12	1.4
LTD 2.3 Brougham	01.83- 01.85	110237	14	60	01.83- 01.85	112963	12	1.4
LTD 3.3	01.83- 01.83	110238	14	70	01.83- 01.83	112964	12	
	01.83- 01.83	110237	14	60				
LTD 3.3 Brougham	01.83- 01.83	110238	14	70	01.83- 01.83	112964	12	
	01.83- 01.83	110237	14	60				
LTD 3.8					01.83- 01.86	112964	12	
LTD 3.8 Brougham					01.83- 01.86	112964	12	
LTD 4.2	01.81- 01.82	110238	14	70	01.81- 01.82	112964	12	
	01.81- 01.82	110237	14	60				
LTD 4.2 Crown Victoria	01.81- 01.82	112914	14	100				
	01.81- 01.82	110238	14	70	01.81- 01.82	112964	12	
	01.81- 01.82	110237	14	60				
LTD 4.2 S	01.81- 01.82	112914	14	100				
	01.81- 01.82	110238	14	70	01.81- 01.82	112964	12	
	01.81- 01.82	110237	14	60				
	01.81- 01.82	112914	14	100				
LTD 4.7					01.67- 01.68	110225	12	
					01.67- 01.68	110224	12	1.3
LTD 5.0	01.77- 01.82	110238	14	70	01.68- 01.82	110225	12	
	01.71- 01.85	110237	14	60	01.68- 01.72	110224	12	1.3
	01.79- 01.85	112914	14	100	01.84- 01.85	112964	12	
LTD 5.0 Brougham	01.77- 01.77	110238	14	70	01.71- 01.77	110225	12	
	01.71- 01.85	110237	14	60	01.71- 01.72	110224	12	1.3
	01.84- 01.85	112914	14	100	01.84- 01.85	112964	12	
LTD 5.0 Country Squire	01.80- 01.86	110237	14	60	01.80- 01.86	112964	12	
	01.80- 01.86	112914	14	100				
	01.80- 01.82	110238	14	70				
LTD 5.0 Crown Victoria	01.80- 01.86	110237	14	60	01.80- 01.82	110225	12	
	01.80- 01.86	112914	14	100	01.80- 01.86	112964	12	
	01.80- 01.82	110238	14	70				
LTD 5.0 Landau	01.77- 01.79	110238	14	70	01.77- 01.79	110225	12	
	01.79- 01.79	112914	14	100				
	01.77- 01.79	110237	14	60				
LTD 5.0 LX	01.85- 01.85	110237	14	60	01.85- 01.85	112964	12	
	01.85- 01.85	112914	14	100				
LTD 5.0 S	01.77- 01.82	110237	14	60	01.77- 01.82	110225	12	
	01.77- 01.82	110238	14	70	01.80- 01.82	112964	12	
	01.80- 01.82	112914	14	100				
LTD 5.8	01.80- 01.82	112914	14	100	01.69- 01.82	110225	12	
	01.75- 01.82	110237	14	60	01.75- 01.79	110228	12	
	01.75- 01.82	110238	14	70	01.80- 01.82	112964	12	
LTD 5.8 Brougham	01.75- 01.77	110238	14	70	01.71- 01.77	110225	12	
	01.75- 01.77	110237	14	60	01.75- 01.77	110228	12	
LTD 5.8 Country Squire	01.80- 01.86	110238	14	70	01.80- 01.86	112964	12	
	01.80- 01.86	110237	14	60				
	01.80- 01.86	112914	14	100				



LTD 5.8 Crown Victoria	01.80- 01.86	112914	14	100	01.80- 01.82	110225	12
	01.80- 01.82	110238	14	70	01.80- 01.86	112964	12
	01.80- 01.82	110237	14	60			
LTD 5.8 Landau	01.75- 01.79	110238	14	70	01.75- 01.78	110228	12
	01.75- 01.79	110237	14	60	01.79- 01.79	110225	12
	01.79- 01.79	112914	14	100			
LTD 5.8 S	01.77- 01.82	110238	14	70	01.77- 01.82	110225	12
	01.77- 01.82	110237	14	60	01.80- 01.82	112964	12
	01.80- 01.82	112914	14	100	01.77- 01.79	110228	12
LTD 5.8 Squire	01.77- 01.77	110238	14	70	01.77- 01.77	110225	12
	01.77- 01.77	110237	14	60	01.77- 01.77	110228	12
LTD 6.4					01.68- 01.71	110226	12
LTD 6.4 Brougham					01.71- 01.71	110226	12
LTD 6.6	01.77- 01.78	110237	14	60	01.71- 01.78	110228	12
	01.77- 01.78	110238	14	70			
LTD 6.6 Brougham	01.77- 01.77	110238	14	70	01.71- 01.77	110228	12
	01.77- 01.77	110237	14	60			
LTD 6.6 Landau	01.75- 01.78	110238	14	70	01.75- 01.78	110228	12
	01.75- 01.78	110237	14	60			
LTD 6.6 S	01.77- 01.78	110237	14	60	01.77- 01.78	110228	12
	01.77- 01.78	110238	14	70			
LTD 6.6 Squire	01.77- 01.77	110238	14	70	01.77- 01.77	110228	12
	01.77- 01.77	110237	14	60			
LTD 7.0							
					01.69- 01.73	110229	12
					01.69- 01.73	110228	12
					01.68- 01.69	110226	12
LTD 7.0 Brougham					01.71- 01.73	110229	12
					01.71- 01.73	110228	12
LTD 7.5	01.72- 01.78	110238	14	70	01.72- 01.78	110228	12
	01.72- 01.78	110237	14	60			
LTD 7.5 Brougham	01.72- 01.76	110238	14	70	01.72- 01.76	110228	12
	01.72- 01.76	110237	14	60			
LTD 7.5 Landau	01.75- 01.78	110238	14	70	01.75- 01.78	110228	12
	01.75- 01.78	110237	14	60			
M 400 5.9	01.73- 01.73	110237	14	60	01.73- 01.73	110226	12
M 450 5.9	01.74- 01.75	110237	14	60	01.74- 01.75	110226	12
Maverick 3.3	01.77- 01.77	110237	14	60	01.70- 01.77	110226	12
Maverick 4.1	01.76- 01.77	110237	14	60	01.70- 01.77	110225	12
Maverick 5.0					01.71- 01.76	110224	12 1.3
	01.77- 01.77	110237	14	60	01.71- 01.77	110225	12
Mustang 2.3	01.74- 01.86	110237	14	60	01.82- 01.86	112963	12 1.4
	01.74- 01.81	110238	14	70	01.74- 01.78	110230	12
Mustang 2.3 2+2	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 2.3 Ghia	01.74- 01.82	110237	14	60	01.82- 01.82	112963	12 1.4
	01.74- 01.81	110238	14	70	01.74- 01.78	110230	12
Mustang 2.3 L	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 LX	01.87- 01.90	112835	14	65	01.85- 01.93	112963	12 1.4
	01.87- 01.93	111252	14	75	01.92- 01.93	113222	12 1.4
	01.85- 01.86	110237	14	60	01.91- 01.93	112600	12 1.4
Mustang 2.3 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 2.3 Turbo	01.75- 01.86	110237	14	60	01.92- 01.93	113222	12 1.4
	01.79- 01.79	110238	14	70	01.83- 01.83	112963	12 1.4
Mustang 2.3 Turbo Ghia	01.79- 01.79	110238	14	70	01.92- 01.93	113222	12 1.4
	01.79- 01.79	110237	14	60			
Mustang 2.3 Turbo GT	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 Turbo L	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 Turbo SVO	01.84- 01.86	110237	14	60	01.84- 01.86	112963	12 1.4
Mustang 2.8	01.74- 01.79	110237	14	60	01.65- 01.65	110226	12
	01.74- 01.79	110238	14	70	01.74- 01.78	110230	12
Mustang 2.8 2+2	01.74- 01.78	110238	14	70	01.74- 01.78	110230	12
	01.74- 01.78	110237	14	60			
Mustang 2.8 Ghia	01.74- 01.79	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.79	110238	14	70			
Mustang 2.8 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 3.3	01.79- 01.82	110238	14	70	01.65- 01.70	110226	12
	01.79- 01.82	110237	14	60	01.80- 01.82	112964	12
Mustang 3.3 Ghia	01.79- 01.82	110237	14	60	01.80- 01.82	112964	12
	01.79- 01.82	110238	14	70			
Mustang 3.3 Grande					01.70- 01.70	110226	12
Mustang 3.8					01.83- 01.86	112964	12
	01.94- 01.02	112933	14	130	01.99- 01.02	111183	12 1.4
Mustang 3.8 L					01.84- 01.84	112964	12
Mustang 3.8 LX					01.85- 01.86	112964	12
Mustang 4.0					01.95-	112590	12 1.4
Mustang 4.1					01.69- 01.73	110225	12
Mustang 4.1 Grande					01.70- 01.73	110225	12
Mustang 4.1 Mach I					01.71- 01.71	110225	12
Mustang 4.2	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60	01.80- 01.82	112964	12
Mustang 4.2 Ghia	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60	01.80- 01.82	112964	12
Mustang 4.6 Bullitt	01.01- 01.01	112954	14	105	01.01- 01.01	112646	12 1.4
	01.01- 01.01	112943	14	130			
Mustang 4.6 Cobra	01.96- 01.02	112943	14	130	01.96- 01.02	112646	12 1.4
	01.99- 01.00	112954	14	105	01.96- 01.98	112592	12 1.4
Mustang 4.6 GT	01.96- 01.03	112943	14	130	01.96- 01.02	112646	12 1.4
	01.99- 01.03	112954	14	105	01.96- 01.98	112592	12 1.4
Mustang 4.6 Mach 1	01.03- 01.03	112943	14	130			
	01.03- 01.03	112954	14	105			
Mustang 4.6 Super Cobra	01.03- 01.03	112943	14	130			
	01.03- 01.03	112954	14	105			
Mustang 4.7					01.64- 01.68	110224	12 1.3
					01.64- 01.68	110225	12
Mustang 5.0	01.75- 01.85	110238	14	70	01.68- 01.73	110224	12 1.3
	01.75- 01.85	110237	14	60	01.68- 01.83	110225	12
	01.84- 01.85	112914	14	100	01.84- 01.85	112964	12
Mustang 5.0 Cobra	01.93- 01.94	111252	14	75			
Mustang 5.0 Cobra SVT	01.95- 01.95	112933	14	130			
Mustang 5.0 Ghia	01.75- 01.82	110237	14	60	01.75- 01.82	110225	12
	01.75- 01.82	110238	14	70			
Mustang 5.0 Grande					01.70- 01.73	110224	12 1.3
					01.70- 01.73	110225	12
Mustang 5.0 GT	01.84- 01.85	110237	14	60			
	01.84- 01.85	110238	14	70			
	01.94- 01.95	112933	14	130			
	01.86- 01.91	112835	14	65	01.84- 01.91	112964	12
	01.87- 01.93	111252	14	75			
Mustang 5.0 GTS	01.84- 01.95	112933	14	130			
Mustang 5.0 L	01.84- 01.84	110238	14	70	01.84- 01.84	112964	12
	01.84- 01.84	110237	14	60			
Mustang 5.0 LX	01.87- 01.93	111252	14	75			
	01.86- 01.91	112835	14	65	01.85- 01.91	112964	12
	01.85- 01.85	110238	14	70			
	01.85- 01.85	110237	14	60			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

FORD Continued

Mustang 5.0 Mach I	01.75- 01.78	110237	14	60	01.70- 01.78	110225	12
	01.75- 01.78	110238	14	70	01.70- 01.73	110224	12 1.3
Mustang 5.8	01.74- 01.77	110239	14	90	01.69- 01.73	110225	12
	01.72- 01.73	110237	14	60	01.69- 01.73	110224	12 1.3
	01.72- 01.73	110238	14	70			
Mustang 5.8 Boss 351					01.71- 01.71	110224	12 1.3
					01.71- 01.71	110225	12
Mustang 5.8 Cobra R					01.95-	111183	12 1.4
Mustang 5.8 Grande	01.72- 01.73	110237	14	60	01.70- 01.73	110224	12 1.3
	01.72- 01.73	110238	14	70	01.70- 01.73	110225	12
Mustang 5.8 Mach I	01.72- 01.73	110237	14	60	01.70- 01.73	110225	12
	01.72- 01.73	110238	14	70	01.70- 01.73	110224	12 1.3
Mustang 6.4					01.67- 01.69	110226	12
Mustang 7.0					01.70- 01.71	110229	12
					01.68- 01.70	110226	12
Mustang 7.0 Boss 429					01.69- 01.69	110229	12
Mustang 7.0 Grande					01.70- 01.71	110229	12
					01.70- 01.70	110226	12
Mustang 7.0 Mach I					01.70- 01.71	110229	12
					01.70- 01.70	110226	12
P 100 2.8					01.65- 01.67	110226	12
P 350 3.9					01.68- 01.72	110225	12
					01.68- 01.72	110224	12 1.3
P 350 4.0	01.68- 01.69	113013#	14	90			
P 350 4.9					01.68- 01.74	110224	12 1.3
	01.75- 01.76	110237	14	60	01.68- 01.74	110225	12
P 350 5.0	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
	01.72- 01.76	113013#	14	90	01.72- 01.76	110224	12 1.3
P 350 5.9	01.73- 01.73	110237	14	60	01.73- 01.73	110226	12
P 350 6.4	01.72- 01.73	110237	14	60			
P 350 6.6	01.76-	110237	14	60	01.72- 01.73	110226	12
P 400 5.0	01.75-	110237	14	60			
	01.75-	113013#	14	90			
P 400 6.6	01.75-	110237	14	60			
P 500 5.0	01.75-	110237	14	60			
	01.75-	113013#	14	90			
P 500 6.6	01.75-	110237	14	60			
Pinto 1.6					01.71- 01.73	110230	12
Pinto 2.0					01.71- 01.74	110230	12
Pinto 2.3	01.74- 01.80	110237	14	60	01.74- 01.79	110230	12
	01.74- 01.80	110238	14	70			
Pinto 2.8	01.75- 01.79	110238	14	70	01.75- 01.79	110230	12
	01.75- 01.79	110237	14	60			
Probe 2.0	01.97- 01.97	111959#	14	80	01.97- 01.97	110810	12 1.4
Probe 2.0 SE	01.93- 01.96	111959#	14	80	01.93- 01.96	110810	12 1.4
Probe 2.2 GL	01.89- 01.92	110664	14	70	01.89- 01.92	110810	12 1.4
Probe 2.2 LX	01.89- 01.89	110664	14	70	01.89- 01.89	110810	12 1.4
Probe 2.2 Turbo GT	01.89- 01.92	110664	14	70	01.89- 01.92	110810	12 1.4
Probe 2.5 GT					01.93- 01.97	111453	12 1.6
	01.93- 01.97	111315	14	90	01.93- 01.97	111311	12 1.7
Probe 3.0 LX					01.90- 01.92	111370	12 1.2
					01.90- 01.92	112588	12 1.4
Ranch 3.9					01.68- 01.69	110224	12 1.3
					01.68- 01.69	110225	12
Ranch 4.7					01.68- 01.68	110224	12 1.3
					01.68- 01.68	110225	12
Ranch 5.0					01.68- 01.72	110224	12 1.3
					01.68- 01.72	110225	12
Ranch 5.8					01.69- 01.74	110225	12
Ranch 6.4					01.68- 01.71	110226	12
Ranch 6.6	01.71- 01.76	110238	14	70	01.71- 01.76	110228	12
	01.71- 01.76	110237	14	60			
Ranch 7.0					01.69- 01.73	110229	12
					01.69- 01.73	110228	12
					01.68- 01.69	110226	12
Ranch 7.0 Police Cruiser					01.70- 01.70	110226	12
Ranch 7.5	01.73- 01.76	110237	14	60	01.73- 01.76	110229	12
	01.73- 01.76	110238	14	70			
Ranch Wagon 3.9					01.65- 01.67	110225	12
					01.65- 01.67	110224	12 1.3
Ranch Wagon 4.3					01.63- 01.64	110225	12
					01.63- 01.64	110224	12 1.3
Ranch Wagon 4.7					01.63- 01.67	110225	12
					01.63- 01.67	110224	12 1.3
Ranch Wagon 5.8					01.65- 01.66	110226	12
Ranch Wagon 6.4					01.65- 01.67	110226	12
Ranch Wagon 7.0					01.64- 01.66	110226	12
Ranchero 4.1					01.69- 01.71	110226	12
Ranchero 4.1 500					01.70- 01.73	110225	12
Ranchero 4.1 GT					01.71- 01.72	110225	12
Ranchero 4.1 Squire					01.70- 01.73	110225	12
Ranchero 5.0 500	01.77- 01.79	110237	14	60	01.70- 01.79	110225	12
	01.77- 01.79	110238	14	70	01.70- 01.77	110224	12 1.3
Ranchero 5.0 GT	01.73- 01.79	110237	14	60	01.73- 01.79	110225	12
	01.73- 01.79	110238	14	70	01.73- 01.79	110224	12 1.3
Ranchero 5.0 Squire	01.77- 01.79	110238	14	70	01.70- 01.79	110225	12
	01.77- 01.79	110237	14	60	01.70- 01.77	110224	12 1.3
Ranchero 5.8					01.69- 01.71	110225	12
					01.69- 01.71	110224	12 1.3
Ranchero 5.8 500					01.75- 01.77	110228	12
	01.75- 01.79	110238	14	70	01.70- 01.79	110225	12
	01.75- 01.79	110237	14	60	01.70- 01.74	110224	12 1.3
Ranchero 5.8 GT					01.75- 01.77	110228	12
	01.75- 01.79	110238	14	70	01.69- 01.74	110224	12 1.3
	01.75- 01.79	110237	14	60	01.69- 01.79	110225	12
Ranchero 5.8 Squire					01.75- 01.77	110228	12
	01.75- 01.79	110237	14	60	01.70- 01.74	110224	12 1.3
	01.75- 01.79	110238	14	70	01.70- 01.79	110225	12
Ranchero 6.4					01.67- 01.69	110226	12
Ranchero 6.4 GT					01.68- 01.69	110226	12
Ranchero 6.6 500	01.72- 01.78	110237	14	60	01.72- 01.77	110228	12
	01.72- 01.78	110238	14	70			
Ranchero 6.6 GT	01.72- 01.78	110238	14	70	01.72- 01.77	110228	12
	01.72- 01.78	110237	14	60			
Ranchero 6.6 Squire	01.72- 01.78	110237	14	60	01.72- 01.77	110228	12
	01.72- 01.78	110238	14	70			
Ranchero 7.0					01.70- 01.71	110229	12
					01.68- 01.68	110226	12
Ranchero 7.0 500	01.72- 01.73	110238	14	70	01.70- 01.73	110229	12
	01.72- 01.73	110237	14	60			
Ranchero 7.0 GT	01.72- 01.73	110238	14	70	01.70- 01.73	110229	12
	01.72- 01.73	110237	14	60			
Ranchero 7.0 Squire	01.72- 01.73	110237	14	60	01.70- 01.73	110229	12
	01.72- 01.73	110238	14	70			
Ranchero 7.5 500	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12
	01.74- 01.76	110238	14	70			
Ranchero 7.5 GT	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12
	01.74- 01.76	110238	14	70			



Ranchero 7.5 Squire	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Ranger 2.0	01.83- 01.88	110237	14	60	01.83- 01.88	112963	12	1.4
Ranger 2.2	01.83- 01.84	110237	14	60	01.83- 01.84	110578	12	2.0
Ranger 2.3	01.83- 01.90	110237	14	60	01.83- 01.90	112963	12	1.4
	01.85- 01.96	112837#	14	65	01.97- 01.97	112600	12	1.4
	01.97- 01.97	111199	14	95	01.91- 01.97	113222	12	1.4
Ranger 2.3 Super	01.86- 01.91	110237	14	60	01.86- 01.91	112963	12	1.4
	01.86- 01.91	112837#	14	65	01.92- 01.97	113222	12	1.4
	01.92- 01.97	111199	14	95				
Ranger 2.3 Turbo	01.85- 01.87	110237	14	60	01.85- 01.87	112963	12	1.4
	01.85- 01.87	112837#	14	65				
Ranger 2.5	01.98- 01.01	111199	14	95	01.98- 01.01	112600	12	1.4
Ranger 2.5 Super	01.98- 01.98	111199	14	95	01.98- 01.98	112600	12	1.4
Ranger 2.8	01.83- 01.85	110237	14	60	01.83- 01.85	112016	12	
Ranger 2.9	01.86- 01.92	112838#	14	65	01.86- 01.91	112016	12	
	01.86- 01.92	112836#	14	65				
	01.86- 01.91	112837#	14	65				
	01.86- 01.91	110237	14	60				
	01.92- 01.92	112839#	14	75				
	01.92- 01.92	112841#	14	75				
Ranger 2.9 Super	01.86- 01.92	112838#	14	65	01.86- 01.91	112016	12	
	01.86- 01.91	110237	14	60				
	01.86- 01.92	112836#	14	65				
	01.86- 01.91	112837#	14	65				
	01.92- 01.92	112839#	14	75				
	01.92- 01.92	112841#	14	75				
Ranger 3.0	01.91- 01.96	112842	14	75	01.91- 01.97	111370	12	1.2
	01.97- 01.03	111199	14	95	01.91- 01.04	112588	12	1.4
Ranger 3.0 Edge	01.05-	111199	14	95				
Ranger 3.0 Super	01.91- 01.96	112842	14	75	01.91- 01.98	112588	12	1.4
	01.97- 01.98	111199	14	95	01.91- 01.97	111370	12	1.2
Ranger 3.0 XL	01.05-	111199	14	95				
Ranger 3.0 XLT	01.05-	111199	14	95				
Ranger 3.0	01.99- 01.03	111199	14	95	01.99- 01.04	112588	12	1.4
Ranger 4.0	01.98- 01.03	111200	14	130	01.98- 01.04	112597	12	1.4
	01.90- 01.97	112843#	14	80	01.97- 01.03	112607	12	1.4
					01.90- 01.97	112030	12	1.4
	01.98- 01.00	111199	14	95	01.98- 01.06	112590	12	1.4
Ranger 4.0 Edge					01.01- 01.06	112590	12	1.4
					01.01-	112607	12	1.4
Ranger 4.0 FX4					01.05- 01.06	112590	12	1.4
					01.05-	112607	12	1.4
Ranger 4.0 Sport					01.06-	112607	12	1.4
					01.06- 01.06	112590	12	1.4
Ranger 4.0 STX					01.06-	112607	12	1.4
					01.06- 01.06	112590	12	1.4
Ranger 4.0 Super	01.90- 01.97	112843#	14	80	01.90- 01.97	112030	12	1.4
	01.98- 01.98	111199	14	95	01.98- 01.98	112597	12	1.4
					01.98- 01.98	112590	12	1.4
	01.98- 01.98	111200	14	130	01.97- 01.98	112607	12	1.4
Ranger 4.0 XL					01.05- 01.06	112590	12	1.4
					01.05-	112607	12	1.4
Ranger 4.0 XLT					01.05- 01.06	112590	12	1.4
					01.05-	112607	12	1.4
Sunliner 4.3					01.64- 01.64	110224	12	1.3
					01.64- 01.64	110225	12	
Taurus 2.5	01.86- 01.86	113232						
	01.86- 01.87	112841#	14	75				
	01.86- 01.86	112836#	14	65				
Taurus 2.5 GL	01.89- 01.91	112922#	14	95	01.91- 01.91	112588	12	1.4
	01.87- 01.90	113232			01.91- 01.91	111370	12	1.2
	01.87- 01.90	112841#	14	75				
	01.87- 01.90	111395#	14	75				
Taurus 2.5 L	01.87- 01.90	113232						
	01.87- 01.90	112841#	14	75				
	01.87- 01.90	111395#	14	75				
Taurus 2.5 LX	01.87- 01.87	113232						
	01.87- 01.87	112841#	14	75				
Taurus 2.5 MT5	01.87- 01.88	113232						
	01.87- 01.88	112841#	14	75				
Taurus 3.0	01.02- 01.02	114142	14	110	01.00- 01.05	112604		
					01.99- 01.99	112606		
	01.99- 01.02	112944	14	130	01.99- 01.00	112591	12	1.4
	01.99- 01.00	112936	14	130	01.86- 01.86	112966#	12	2.2
	01.86- 01.86	110238	14	70				
	01.86- 01.86	112914	14	100				
Taurus 3.0 G					01.96- 01.98	112584	12	1.4
	01.96- 01.98	112944	14	130	01.96- 01.98	112606		
	01.96- 01.98	112936	14	130	01.96- 01.98	112591	12	1.4
Taurus 3.0 GL	01.96- 01.98	112936	14	130	01.96- 01.98	112606		
	01.96- 01.98	112944	14	130	01.96- 01.98	112591	12	1.4
	01.91- 01.95	112926#	14	130	01.92- 01.98	112584	12	1.4
	01.87- 01.91	110238	14	70	01.92- 01.95	112586	12	1.4
	01.87- 01.91	112914	14	100	01.87- 01.91	112966#	12	2.2
Taurus 3.0 L	01.92- 01.92	112926#	14	130	01.92- 01.92	112586	12	1.4
	01.87- 01.91	110238	14	70	01.92- 01.92	112584	12	1.4
	01.87- 01.91	112914	14	100	01.87- 01.91	112966#	12	2.2
Taurus 3.0 LX	01.96- 01.98	112936	14	130	01.96- 01.98	112606		
	01.96- 01.98	112944	14	130	01.96- 01.98	112591	12	1.4
	01.92- 01.95	112926#	14	130	01.92- 01.98	112584	12	1.4
	01.87- 01.91	110238	14	70	01.92- 01.95	112586	12	1.4
	01.87- 01.91	112914	14	100	01.87- 01.91	112966#	12	2.2
Taurus 3.0 MT5	01.87- 01.88	110238	14	70	01.87- 01.88	112966#	12	2.2
	01.87- 01.88	112914	14	100				
Taurus 3.0 SE					01.95- 01.95	112586	12	1.4
					01.95- 01.95	112591	12	1.4
					01.95- 01.95	112584	12	1.4
Taurus 3.0 SHO					01.89- 01.93	112966#	12	2.2
	01.94- 01.95	112934#	14	130	01.92- 01.95	112586	12	1.4
Taurus 3.0					01.00- 01.05	112604		
	01.99- 01.00	112944	14	130	01.99- 01.99	112606		
	01.99- 01.00	112936	14	130	01.99- 01.00	112591	12	1.4
Taurus 3.0 GL					01.93- 01.94	112586	12	1.4
	01.96- 01.98	112936	14	130	01.96- 01.98	112606		
	01.96- 01.98	112944	14	130	01.96- 01.98	112591	12	1.4
	01.93- 01.94	112931	14	130	01.93- 01.98	112584	12	1.4
Taurus 3.0 SE					01.95- 01.95	112586	12	1.4
					01.95- 01.95	112591	12	1.4
					01.95- 01.95	112584	12	1.4
Taurus 3.2 SHO	01.93- 01.95	113554#	14	120	01.93- 01.95	112584	12	1.4
Taurus 3.4 SHO					01.96- 01.99	112606		
Taurus 3.8 GL								
	01.94- 01.95	112938#	14	130				
	01.90- 01.93	112920#	14	130	01.90- 01.95	112586	12	1.4
	01.88- 01.90	112915#	14	100	01.91- 01.95	112584	12	1.4
					01.88- 01.93	112966#	12	2.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FORD Continued

Taurus 3.8 L						01.91- 01.92	112920#	14	130	01.90- 01.92	112584	12	1.4
						01.88- 01.90	112915#	14	100	01.90- 01.92	112586	12	1.4
						01.94- 01.95	112938#	14	130	01.88- 01.92	112966#	12	2.2
Taurus 3.8 LX						01.91- 01.93	112920#	14	130	01.90- 01.95	112586	12	1.4
						01.88- 01.90	112915#	14	100	01.91- 01.95	112584	12	1.4
										01.88- 01.93	112966#	12	2.2
Taurus 3.8 SE										01.95- 01.95	112584	12	1.4
						01.95- 01.95	112938#	14	130	01.95- 01.95	112586	12	1.4
Tempo 2.0 GL													
Tempo 2.0 GLX													
Tempo 2.0 L													
Tempo 2.0 LX						01.86- 01.86	112836#	14	65				
Tempo 2.3						01.87- 01.91	113232			01.91- 01.91	111370	12	1.2
						01.88- 01.91	112841#	14	75				
						01.91- 01.91	112922#	14	95				
						01.87- 01.90	112836#	14	65				
						01.88- 01.90	111395#	14	75				
Tempo 2.3 GL						01.87- 01.94	113232			01.91- 01.94	111370	12	1.2
						01.87- 01.94	112841#	14	75				
						01.91- 01.94	112922#	14	95				
						01.84- 01.90	112836#	14	65				
						01.88- 01.90	111395#	14	75				
						01.85- 01.86	112838#	14	65				
Tempo 2.3 GLS						01.91- 01.91	113232			01.91- 01.91	111370	12	1.2
						01.91- 01.91	112841#	14	75				
						01.91- 01.91	112922#	14	95				
Tempo 2.3 GLX						01.85- 01.85	112838#	14	65				
						01.84- 01.85	112836#	14	65				
Tempo 2.3 L						01.87- 01.91	113232			01.91- 01.91	111370	12	1.2
						01.87- 01.91	112841#	14	75				
						01.91- 01.91	112922#	14	95				
						01.84- 01.87	112836#	14	65				
						01.85- 01.86	112838#	14	65				
Tempo 2.3 LX						01.87- 01.94	113232			01.91- 01.94	111370	12	1.2
						01.87- 01.94	112841#	14	75				
						01.92- 12.93	113236	14	75				
						01.91- 01.94	112922#	14	95				
						01.88- 01.90	111395#	14	75				
						01.86- 01.90	112836#	14	65				
Tempo 2.3 Sport						01.87- 01.90	113232						
						01.87- 01.90	112841#	14	75				
						01.88- 01.90	111395#	14	75				
						01.87- 01.90	112836#	14	65				
Tempo 3.0 GL						01.92- 12.93	113236	14	75	01.92- 01.94	112586	12	1.4
										01.92- 01.94	112584	12	1.4
Tempo 3.0 GLS										01.92- 01.92	112584	12	1.4
										01.92- 01.92	112586	12	1.4
Tempo 3.0 LX										01.92- 01.94	112584	12	1.4
										01.92- 01.94	112586	12	1.4
Thunderbird 2.3 Turbo						01.87- 01.87	111252	14	75	01.83- 01.88	112963	12	1.4
						01.83- 01.86	110237	14	60				
Thunderbird 2.3 Turbo Sport						01.87- 01.87	111252	14	75				
Thunderbird 3.3						01.80- 01.82	110238	14	70	01.80- 01.82	112964	12	
						01.80- 01.82	110237	14	60				
Thunderbird 3.8						01.88- 01.92	112835	14	65	01.89- 01.96	111183	12	1.4
										01.82- 01.92	112964	12	
Thunderbird 3.8 LX						01.94- 01.97	112933	14	130	01.89- 01.96	111183	12	1.4
						01.89- 01.93	111252	14	75	01.87- 01.92	112964	12	
						01.88- 01.92	112835	14	65				
						01.87- 01.87	112836#	14	65				
Thunderbird 3.8 Super SC										01.89- 01.96	111183	12	1.4
Thunderbird 3.9										01.02- 01.05	112609	12	1.4
Thunderbird 4.2										01.80- 01.82	112964	12	
						01.80- 01.81	110238	14	70	01.80- 01.81	110225	12	
						01.80- 01.81	110237	14	60				
Thunderbird 4.6 LX						01.94- 01.96	112927	14	130	01.94- 01.97	112592	12	1.4
						01.94- 01.96	112962#	14	130	01.97- 01.97	112646	12	1.4
Thunderbird 5.0						01.91- 01.92	112922#	14	95	01.83- 01.88	112964	12	
						01.77- 01.88	110237	14	60	01.77- 01.81	110225	12	
						01.79- 12.79	112914	14	100				
						01.77- 01.81	110238	14	70				
Thunderbird 5.0 LX						01.91- 01.93	112922#	14	95	01.87- 01.88	112964	12	
						01.87- 01.92	112835	14	65				
Thunderbird 5.0 Sport						01.87- 01.88	112835	14	65	01.87- 01.88	112964	12	
Thunderbird 5.8						01.79- 12.79	112914	14	100	01.77- 01.79	110228	12	
						01.77- 01.79	110238	14	70	01.77- 01.79	110225	12	
						01.77- 01.79	110237	14	60				
Thunderbird 6.4										01.65- 01.68	110226	12	
Thunderbird 6.6						01.77- 01.78	110238	14	70	01.72- 01.78	110228	12	
						01.77- 01.78	110237	14	60				
Thunderbird 7.0										01.66- 01.67	110226	12	
										01.68- 01.73	110229	12	
Thunderbird 7.5						01.74- 01.74	110239	14	90	01.72- 01.76	110229	12	
						01.72- 01.76	110238	14	70				
						01.71- 01.86	110237	14	60				
Torino 3.3										01.68- 01.68	110226	12	
Torino 4.1										01.69- 01.74	110225	12	
Torino 4.1 500										01.71- 01.71	110225	12	
Torino 4.1 Squire										01.69- 01.69	110225	12	
Torino 5.0										01.68- 01.74	110225	12	
										01.68- 01.74	110224	12	1.3
Torino 5.0 500										01.71- 01.71	110225	12	
										01.71- 01.71	110224	12	1.3
Torino 5.0 Brougham										01.70- 01.71	110225	12	
										01.70- 01.71	110224	12	1.3
Torino 5.0 GT										01.68- 01.71	110225	12	
										01.69- 01.71	110224	12	1.3
Torino 5.0 Squire										01.69- 01.71	110225	12	
										01.69- 01.71	110224	12	1.3
Torino 5.8										01.69- 01.76	110225	12	
						01.75- 01.76	110238	14	70	01.75- 01.76	110228	12	
						01.75- 01.76	110237	14	60	01.69- 01.76	110224	12	1.3
Torino 5.8 500										01.71- 01.71	110225	12	
										01.71- 01.71	110224	12	1.3
Torino 5.8 Brougham										01.70- 01.71	110225	12	
										01.70- 01.71	110224	12	1.3
Torino 5.8 GT										01.69- 01.71	110225	12	
										01.69- 01.71	110224	12	1.3
Torino 5.8 Squire										01.69- 01.71	110225	12	
										01.69- 01.71	110224	12	1.3
Torino 6.4										01.68- 01.69	110226	12	
Torino 6.4 GT										01.68- 01.69	110226	12	
Torino 6.4 Squire										01.69- 01.69	110226	12	
Torino 6.6										01.72- 01.76	110229	12	
										01.72- 01.76	110228	12	

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Torino 7.0		01.72- 01.73	110238	14	70	01.70- 01.73	110229	12
Torino 7.0 500		01.72- 01.73	110237	14	60	01.69- 01.69	110226	12
Torino 7.0 Brougham						01.71- 01.71	110229	12
Torino 7.0 Cobra						01.70- 01.71	110229	12
Torino 7.0 GT						01.70- 01.71	110229	12
Torino 7.0 Squire						01.68- 01.69	110226	12
Torino 7.0 Super Cobra Jet						01.70- 01.71	110229	12
Torino 7.5		01.73- 01.76	110237	14	60	01.70- 01.71	110229	12
		01.73- 01.76	110238	14	70	01.73- 01.76	110229	12
Various Models						01.70- 01.76	110229	12
						01.78-	110230	12
						01.82	110225	12
						01.95- 01.98	112276	12 2.5
						01.94-	112275	12
						01.85-	112267	12 2.5
							113703	12 3.6
						01.71	110224	12 1.3
						AT 01.65-	110227	12
						01.98- 01.99	112587	12
						01.91- 01.97	112600	12 1.4
						3.0, 4.0, AT 01.92- 01.93	111844	12 1.4
						4.0, V6 01.97- 01.99	112590	12 1.4
						01.80- 01.88	112964	12
						02.92- 01.99	112592	12 1.4
						01.90- 01.91	111183	12 1.4
Victoria 4.3						01.63- 01.64	110225	12
						01.63- 01.64	110224	12 1.3
Windstar 3.0		01.99- 01.00	112951	14	105	01.95- 01.00	112586	12 1.4
		01.99- 12.99	112956	14	130	01.95- 01.98	112584	12 1.4
		01.95- 01.98	112936	14	130			
		01.95- 12.95	112920#	14	130			
Windstar 3.8		01.99- 01.03	112956	14	130	01.95- 01.03	112586	12 1.4
		01.95- 12.95	112920#	14	130	01.99- 01.02	112587	12
		01.95- 12.95	112938#	14	130	01.95- 01.95	112584	12 1.4
		01.98- 01.03	112918#	14	95	01.02- 01.03	112340	12 1.4
<b>PASSENGER CARS AO</b>								
Courier T.8 Diesel		01.91-	111356	14	55			
Focus 1.8 FlexFuel	[0QDD]					12.05-	113906	12 1.2
						12.05-	113907	12 1.2
Focus 1.8 Flexifuel	DA_					12.05-	113906	12 1.2
						12.05-	113907	12 1.2
Mondeo 1.8 4x4	[RKA]					01.93- 02.94	112141	12 1.0
	[RKA]					03.94- 03.98	112235	12 1.4
Ranger 2.5 4x4	TU_	10.05-	112352	14	70	10.05-	113702	12 2.2
Ranger 2.5 TDDI	TU_	10.05-	112352	14	70	10.05-	113702	12 2.2
Ranger 3.0 TDDI 4x4	TU_	10.05-	112352	14	70	10.05-	113702	12 2.2
Ranger 4.0						10.05-	112607	12 1.4
Ranger 4.0 4x4						10.05-	112607	12 1.4
Transit 2.4	[D2FE]	10.00- 03.06	113913	14	124			
Transit 2.4 TDDI	[D4FA]	08.00- 08.03	113913	14	124			
<b>TRUCKS EU</b>								
0609 4.2	[90/5AA-Dover]	05.81-	111289	14	70	01.82- 01.96	110454	12 3.6
0709 4.2	[90/5AA-Dover]	05.81-	111289	14	70	01.82- 01.96	110454	12 3.6
0711 5.9						01.82- 01.96	110454	12 3.6
0712 6.2	[7AA/380CID]	05.81-	111289	14	70	05.81- 01.82	110454	12 3.6
0713 6.2	[130/7AA-Dover]	05.81-	111289	14	70	05.81- 01.87	110454	12 3.6
	[7AA/380CID]	05.81-	111289	14	70			
0809 4.2	[90/5AA-Dover]	05.81-	111289	14	70	01.82- 01.96	110454	12 3.6
0811 5.9		05.81-	111289	14	70	01.82- 01.95	110454	12 3.6
0812 6.2	[130/7AA-Dover]	01.80- 05.81	110759	14	35			
		05.81-	111289	14	70			
	[7AA/380CID]	01.80- 05.81	110759	14	35	05.81- 01.82	110454	12 3.6
		05.81-	111289	14	70			
0813 6.2	[130/7AA-Dover]	05.81-	111289	14	70	01.82- 01.96	110454	12 3.6
	[7AA/380CID]	05.81-	111289	14	70			
0913 6.2	[130/7AA-Dover]	05.81-	111289	14	70	01.82- 01.96	113380	12 2.8
						01.82- 01.96	110454	12 3.6
0915 5.9	[150/6CA-Dover]	05.81-	110116	28	35	01.82- 01.96	110998	24 5.2
		05.81-	111146	28	55	01.82- 01.96	113380	12 2.8
		05.81-	111289	14	70			
		04.82- 11.87	112747	28	55			
1013 6.2	[130/7AA-Dover]	05.81-	110116	28	35	01.82- 06.94	110454	12 3.6
		05.81-	111146	28	55			
		05.81-	111289	14	70			
		04.82- 11.87	112747	28	55			
1113 6.2	[130/7AA-Dover]	05.81-	111289	14	70	01.82- 06.94	110454	12 3.6
1115 6.0	[150/6CA-Dover]	05.81-	110116	28	35	05.81-	113378	12 2.8
		05.81-	111146	28	55	01.82- 06.94	110998	24 5.2
		05.81-	111289	14	70	01.82- 01.96	113380	12 2.8
		04.82- 11.87	112747	28	55			
1215 5.9	[150/6CA-Dover]	05.81-	111289	14	70	05.81-	113378	12 2.8
						01.82- 01.96	113380	12 2.8
1315 6.0	[150/6CA-Dover]	05.81-	110116	28	35	01.82- 06.94	113380	12 2.8
		05.81-	111146	28	55	01.82- 06.94	110998	24 5.2
		05.81-	111289	14	70	05.81-	113378	12 2.8
		04.82- 11.87	112747	28	55			
1515 6.0	[150/6CA-Dover]	05.81-	110116	28	35	01.82- 06.94	110998	24 5.2
		05.81-	111146	28	55	01.82- 06.94	113380	12 2.8
		05.81-	111289	14	70			
		04.82- 11.87	112747	28	55			
2115 6.0	[150/6CA-Dover]	05.81-	110116	28	35	01.82- 06.94	110998	24 5.2
		05.81-	111146	28	55	01.82- 06.94	113380	12 2.8
		05.81-	111289	14	70			
		04.82- 11.87	112747	28	55			
2220 9.6	[F6L413]	10.82- 03.84	111146	28	55	04.82- 03.84	114437	24 5.4
2420 9.6	[F6L413]	10.82- 08.87	111146	28	55	04.82- 08.87	114437	24 5.4
2817 9.6	[F6L413]	04.82- 12.99	111146	28	55	04.82- 12.99	114437	24 5.4
		04.82- 12.99	112747	28	55			
3020 9.6	[F6L413]	04.82- 12.99	111146	28	55	04.82- 12.99	114437	24 5.4
		04.82- 12.99	112747	28	55			
3220 9.6	[F6L413]	04.82- 08.87	111146	28	55	04.82- 08.87	114437	24 5.4
		04.82- 08.87	112747	28	55			
4028 10.0	[LTA]	02.86- 12.99	111146	28	55			
2820 S 9.6	[F6L413]	12.84- 08.87	111146	28	55	12.84- 08.87	114437	24 5.4
Cargo	[4 cyl]	05.81- 03.82	111146	28	55	05.81-	110465	12 2.8
		05.81- 01.82	111289	14	70			
		04.82- 11.87	112747	28	55			
	[6 cyl]	05.81- 03.82	111146	28	55	05.81- 06.94	113380	12 2.8
		05.81- 01.82	111289	14	70	05.81- 06.94	110465	12 2.8
		04.82- 11.87	112747	28	55			
Various Models						05.81-	113380	12 2.8
						08.82-	110534	24 5.4

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

FORD Continued

TRUCKS US										
B600 6.1								01.92- 01.94	112603	12 1.5
B600 7.0								01.92- 01.95	112603	12 1.5
B700 6.1								01.92- 01.94	112603	12 1.5
B700 7.0								01.92- 01.95	112603	12 1.5
B800 6.1								01.92- 01.94	112603	12 1.5
B800 7.0								01.92- 01.95	112603	12 1.5
F 600 5.9	[Cummins]	01.91- 01.92	112994	14	100			01.92- 01.99	113826	12 4.6
		01.92- 01.96	112993	14	130			01.92- 01.99	112253	12 2.5
		01.97- 01.99	112834	14	145			01.92- 01.99	112667	12 2.5
F 600 6.6								01.82- 01.88	113125	12
								01.85- 01.89	113825	12 5.0
								01.92- 01.99	113826	12 4.6
F 600 7.8								01.82- 01.88	113125	12
								01.85- 01.89	113825	12 5.0
								01.92- 01.99	113826	12 4.6
F 700 5.9	[Cummins]	01.92- 01.96	112993	14	130			01.92- 01.99	112253	12 2.5
		01.92- 01.96	112994	14	100			01.92- 01.99	112667	12 2.5
		01.97- 01.99	112834	14	145			01.92- 01.99	113826	12 4.6
F 700 6.6								01.82- 01.88	113125	12
								01.85- 01.89	113825	12 5.0
								01.92- 01.99	113826	12 4.6
F 700 7.8								01.82- 01.88	113125	12
								01.85- 01.89	113825	12 5.0
								01.92- 01.99	113826	12 4.6
F 800 5.9	[Cummins]	01.92- 01.96	112993	14	130			01.92- 01.99	113826	12 4.6
		01.92- 01.96	112994	14	100			01.92- 01.99	112667	12 2.5
		01.97- 01.99	112834	14	145			01.92- 01.99	112253	12 2.5
F 800 6.6								01.82- 01.88	113125	12
								01.85- 01.89	113825	12 5.0
								01.92- 01.99	113826	12 4.6
F 900 5.9	[Cummins]	01.92- 01.96	112993	14	130			01.92- 01.99	113826	12 4.6
		01.92- 01.96	112994	14	100			01.92- 01.99	112667	12 2.5
		01.97- 01.99	112834	14	145			01.92- 01.99	112253	12 2.5
F 900 6.6								01.82- 01.88	113125	12
								01.85- 01.89	113825	12 5.0
								01.92- 01.99	113826	12 4.6
F 900 7.8								01.82- 01.88	113125	12
								01.85- 01.89	113825	12 5.0
								01.92- 01.99	113826	12 4.6
F650 5.9	[Cummins]							01.92- 01.99	112667	12 2.5
								01.00- 01.03	113682#	12 3.3
F650 7.3									114499	12 4.6
F750 5.9	[Cummins]							01.92- 01.99	112667	12 2.5
								01.00- 01.03	113682#	12 3.3
F750 7.3									114499	12 4.6
L 6000 5.9	[Cummins]	01.92- 01.99	112998	14	85			01.92- 01.99	112253	12 2.5
		01.95- 01.99	112935#	14	115			01.92- 01.99	112667	12 2.5
		01.95- 01.99	113004#	14	135			01.92- 01.99	113826	12 4.6
		01.97- 01.99	112834	14	145					
		Only Caterpillar	01.95- 01.99	113001	14	110				
L 6000 6.6								01.83- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
								01.82- 01.88	113125	12
L 6000 7.8								01.82- 01.88	113125	12
								01.83- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
L 6000	[Caterpillar 3126]							01.95- 01.97	113126	12
	[Caterpillar 3176]							01.90- 01.98	112089	12
								01.90- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
	[Caterpillar 3406]							01.86- 01.99	112089	12
								01.86- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
	[Cummins]							01.84- 01.99	112089	12
								01.84- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
L 7000 5.9	[Cummins]	01.92- 01.99	112998	14	85			01.92- 01.99	113825	12 5.0
		01.95- 01.99	112935#	14	115			01.92- 01.99	113826	12 4.6
		01.95- 01.99	113004#	14	135			01.92- 01.99	112667	12 2.5
		01.97- 01.99	112834	14	145			01.92- 01.99	112253	12 2.5
		Only Caterpillar	01.95- 01.99	113001	14	110				
L 7000 6.6								01.82- 01.88	113125	12
								01.83- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
L 7000 7.8								01.82- 01.88	113125	12
								01.83- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
L 7000	[Caterpillar 3126]							01.95- 01.97	113126	12
	[Caterpillar 3176]							01.90- 01.98	112089	12
								01.90- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
	[Caterpillar 3406]							01.86- 01.99	112089	12
								01.86- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
	[Cummins]							01.84- 01.99	112089	12
								01.83- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
L 8000 5.9	[Cummins]	01.92- 01.99	112998	14	85			01.92- 01.99	113826	12 4.6
		01.95- 01.99	112935#	14	115			01.92- 01.99	113825	12 5.0
		01.95- 01.99	113004#	14	135			01.92- 01.99	112253	12 2.5
		01.97- 01.99	112834	14	145			01.92- 01.99	112667	12 2.5
		Only Carterpillar	01.95- 01.99	113001	14	110				
L 8000 6.6								01.82- 01.88	113125	12
								01.83- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
L 8000 7.8								01.92- 01.99	113826	12 4.6
								01.82- 01.88	113125	12
								01.83- 01.99	113825	12 5.0
L 8000	[Caterpillar 3126]							01.95- 01.97	113126	12
	[Caterpillar 3176]							01.90- 01.98	112089	12
								01.90- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
	[Caterpillar 3406]							01.86- 01.99	112089	12
								01.86- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
	[Cummins]							01.84- 01.99	112089	12
								01.84- 01.99	113825	12 5.0
								01.92- 01.99	113826	12 4.6
L 9000 5.9	[Cummins]	01.92- 01.99	112998	14	85			01.92- 01.99	113826	12 4.6
		01.95- 01.99	112935#	14	115			01.92- 01.99	113825	12 5.0
		01.95- 01.99	113004#	14	135			01.92- 01.99	112253	12 2.5
		01.97- 01.99	112834	14	145			01.92- 01.99	112667	12 2.5
		Only Caterpillar	01.95- 01.99	113001	14	110				



L 9000 6.6						01.82- 01.88	113125	12	
						01.83- 01.99	113825	12 5.0	
						01.92- 01.99	113826	12 4.6	
L 9000 7.8						01.82- 01.88	113125	12	
						01.83- 01.99	113825	12 5.0	
						01.92- 01.99	113826	12 4.6	
L 9000	[Caterpillar 3126]					01.95- 01.97	113126	12	
	[Caterpillar 3176]					01.90- 01.98	112089	12	
						01.90- 01.99	113825	12 5.0	
						01.92- 01.99	113826	12 4.6	
	[Caterpillar 3406]					01.86- 01.99	112089	12	
						01.86- 01.99	113825	12 5.0	
						01.92- 01.99	113826	12 4.6	
	[Cummins]					01.84- 01.99	112089	12	
						01.84- 01.99	113825	12 5.0	
						01.92- 01.99	113826	12 4.6	
Various Models 6.0						01.92- 01.95	112603	12 1.5	
					Escort 6.0	01.03-	113703	12 3.6	
Various Models 6.1						01.92- 01.99	112603	12 1.5	
Various Models		F650/F750							
			01.91- 01.98	112996	14	115/130			
			01.95- 01.99	112834	14	145			
			01.95- 01.99	112264	14	105			
				113739	14	130			
				113740	14	160			
		01.82- 01.89	112262	14	90				
<b>AGRICULTURE</b>									
1320	[3-77]		01.87- 01.98	113562	14	40		01.87- 01.98	111703 12 2.0
								01.87- 01.98	112177 12 1.7
1520	[3-81]		01.87- 01.97	113562	14	40		01.87- 01.98	111703 12 2.0
								01.87- 01.98	112177 12 1.7
1530	[3-81]		01.96- 01.98	113562	14	40		01.96- 01.98	112177 12 1.7
1620	[3-81]		01.91- 01.97	113562	14	40		01.92- 01.97	111703 12 2.0
								01.76- 01.79	112177 12 1.7
1630	[3-81]		01.96- 01.98	113562	14	40		01.97- 01.99	112177 12 1.7
1710									111275 12 2.0
1715	[3-81]		01.93- 01.97	113562	14	40		01.83- 01.87	112177 12 1.7
1720	[3-91]		01.87- 01.02	113562	14	40		01.93- 01.97	112177 12 1.7
1725	[3-81]		01.96- 01.98	113562	14	40		01.87- 01.02	112177 12 1.7
1910			01.83- 01.86	113410#	14	35		01.96- 01.98	112177 12 1.7
1920	[4-122]		01.87- 01.02	113562	14	40		01.84- 01.88	110552 12 1.2
1925	[3-91]		01.96- 01.98	113562	14	40		01.88- 01.98	113696 12 2.0
2000	[158CID.]		09.71- 02.72	111289	14	70		01.96- 01.98	112177 12 1.7
2120	[4-139]		01.87- 01.02	113562	14	40		01.69- 12.74	110462 12 2.8
2600			01.88-	111363	14	45			
			01.88-	111739	14	55			
			01.88-	111740	14	70			
			01.75- 01.86	111185	14	43			
3000	[175CID]		04.68- 12.74	110484				04.68- 12.74	110462 12 2.8
3415	[4-135]		01.93- 01.02	113562	14	40		01.93- 01.98	113696 12 2.0
3600	[175CID]		01.75- 01.86	111185	14	43		01.75- 12.81	110462 12 2.8
			01.75- 12.81	111363	14	45			
			01.75- 12.81	111739	14	55			
			01.88-	111740	14	70			
3610	[192CID]		01.81- 01.96	111739	14	55		01.81- 01.96	110462 12 2.8
			01.88- 01.96	111363	14	45			
3910							01.82- 01.84	110462 12 2.8	
4000	[201CID]		01.68- 12.75	110484				01.68- 12.75	110462 12 2.8
4100	[183CID]		01.75- 01.86	111185	14	43		01.75- 12.81	110462 12 2.8
			01.88-	111363	14	45			
			01.88-	111739	14	55			
			01.88-	111740	14	70			
4110			01.88- 01.89	111739	14	55		01.81- 01.89	110462 12 2.8
			01.88- 01.89	111363	14	45			
4130			06.90- 06.05	111739	14	55		06.90- 06.05	110462 12 2.8
			06.90- 06.05	111363	14	45			
4600	[201CID]		01.75- 01.86	111185	14	43		01.75- 12.78	110462 12 2.8
			01.88-	111363	14	45			
			01.88-	111739	14	55			
			01.88-	111740	14	70			
4610			01.81- 01.89	111739	14	55		01.81- 01.89	110462 12 2.8
			01.88- 01.89	111363	14	45			
4830							06.90- 06.05	110462 12 2.8	
5000	[256CID]		01.68- 01.71	110484				01.68- 12.77	110462 12 2.8
5600	[233CID]							01.75- 12.77	110462 12 2.8
5610	[256CID]							01.81- 12.91	110462 12 2.8
5640	[4-268D]		01.94- 01.97	113623	14	70			
			01.92- 01.97	112718	14	100			
			01.94- 01.97	113623	14	70		01.92- 01.97	110462 12 2.8
6600	[256CID]		01.75- 01.86	111185	14	43		01.75- 01.81	110462 12 2.8
			01.88-	111363	14	45			
			01.88-	111739	14	55			
			01.88-	111740	14	70			
6610	[401CID]		01.81- 01.96	111739	14	55		01.81- 01.96	110462 12 2.8
			01.81- 01.91	111740	14	70			
			01.88- 01.96	111363	14	45			
6640			01.94- 01.97	113623	14	70		01.92- 01.97	110462 12 2.8
			01.92- 01.97	112718	14	100			
6640			01.94- 01.97	113623	14	70			
6700			01.88-	111363	14	45			
			01.88-	111739	14	55			
			01.88-	111740	14	70			
7600			01.88-	111363	14	45			
			01.88-	111739	14	55			
			01.88-	111740	14	70			
			01.75- 01.86	111185	14	43			
7610			06.90- 06.05	111739	14	55		06.90- 06.05	110462 12 2.8
			06.90- 06.05	111363	14	45			
7700			01.88-	111363	14	45			
			01.88-	111739	14	55			
			01.88-	111740	14	70			
			01.75- 01.86	111185	14	43			
7710			01.87- 01.91	111740	14	70			
7740			01.94- 01.97	113623	14	70		01.92- 01.97	110462 12 2.8
			01.92- 01.97	112718	14	100		01.86- 01.97	112074 12 3.1
7810								01.96- 06.05	112074 12 3.1
								06.90- 06.05	110462 12 2.8
7840			01.94- 01.97	113623	14	70		01.92- 01.97	110462 12 2.8
			01.92- 01.97	112718	14	100		01.96- 01.97	112074 12 3.1
8210			01.90-	113625#	14	70		06.90- 06.05	110462 12 2.8
8240			01.82- 01.91	110170	14	72			
			01.94- 01.97	113623	14	70		01.92- 01.96	110462 12 2.8
			01.92- 01.96	112718	14	100		01.96- 01.96	112074 12 3.1
8340			01.94- 01.97	113623	14	70		01.96- 01.97	112074 12 3.1
			01.92- 01.97	112718	14	100		01.92- 01.97	110462 12 2.8

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



FORD Continued

8600	[401CID]	01.75- 01.86	111185	14	43	01.75- 12.76	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				
8630		06.90- 06.05	111739	14	55				
		06.90- 06.05	111363	14	45	06.90- 06.05	110462	12	2.8
8670		01.94- 12.97	112996	14	115/130				
8700		01.88-	111739	14	55				
		01.75- 01.86	111185	14	43				
8730						06.90- 06.05	110462	12	2.8
8770		01.94- 12.97	112996	14	115/130				
8830						06.90- 06.05	110462	12	2.8
8870		01.94- 12.97	112996	14	115/130				
8970		01.94- 12.97	112996	14	115/130				
9280		01.94- 12.97	112996	14	115/130				
9480		01.94- 12.97	112996	14	115/130				
9680		01.94- 12.97	112996	14	115/130				
9700		01.75- 01.86	111185	14	43	01.77- 01.79	110462	12	2.8
		01.88-	111739	14	55				
9880		01.94- 12.97	112996	14	115/130				
TW 10						01.79- 01.82	110462	12	2.8
TW 15		01.83- 01.87	110170	14	72	01.83- 01.87	110462	12	2.8
TW 20		01.79- 01.82	110170	14	72	01.79- 01.82	110462	12	2.8
TW 25		01.83- 01.89	110170	14	72	01.83- 01.89	110462	12	2.8
TW 30						01.79- 01.82	110462	12	2.8
TW 35		01.83- 01.89	110170	14	72	01.83- 01.89	110462	12	2.8
Various Models		01.86- 01.92	111713	14	105		111300	12	1.4
							111798	24	7.8
		01.94- 01.98	113623	14	70		113728	6	
		01.87- 01.02	113562	14	40	01.86- 12.88	113125	12	
		01.65-	110484						
<b>MARINE</b>									
Various Models			111510	28	45		113149#	12	
			111509				112090	24	5.2
							111213	12	
							111798	24	7.8
							112158	12	3.6
							112084	12	3.6
<b>Ford USA</b>									
<b>PASSENGER CARS EU</b>									
Explorer 4.0 Flex-Fuel 4WD						01.02-	112607	12	1.4
<b>PASSENGER CARS US</b>									
Crown Victoria 4.6	[99W]					01.92- 04.05	113225#	12	1.4
Crown Victoria 4.6 LX Supercharged	[99W]					01.92- 04.98	113225#	12	1.4
Crown Victoria 4.6 Sport Supercharged	[99W]					01.92- 04.05	113225#	12	1.4
Escort 1.8						01.91- 05.96	113216#	12	1.4
Escort 1.8 LX-E						09.91- 05.96	113216#	12	1.4
						01.91- 01.96	112589		
Escort 1.9	[99J]								
Escort 1.9 LX	[99J]								
Escort 2.0 SE									
Explorer 4.0						05.03-	112607	12	1.4
Explorer 4.0 4x4						05.03-	112607	12	1.4
Ranger 2.3						01.91- 12.95	113222	12	1.4
Thunderbird 4.6	[99W]								
<b>PASSENGER CARS AO</b>									
Escort 1.8						04.93- 05.96	113216#	12	1.4
Escort 1.8 Hybrid						04.93- 05.96	113216#	12	1.4
Explorer 4.0	[99X]					10.99- 04.03	112607	12	1.4
						01.97- 08.02	112607	12	1.4
F150 4.9						01.92- 09.96	112593	12	1.4
F150 4.9 4x4						01.92- 09.96	112593	12	1.4
F150 4.9 Supercab						01.92- 09.96	112593	12	1.4
F150 4.9 XL						01.92- 09.96	112593	12	1.4
F150 5.8						01.92- 09.96	112593	12	1.4
F150 5.8 4x4						01.92- 09.96	112593	12	1.4
F250 4.9						01.92- 09.96	112593	12	1.4
F250 4.9 4x4						01.92- 09.96	112593	12	1.4
F250 7.5						01.92- 09.96	112594	12	1.5
F250 7.5 4x4						01.92- 09.96	112594	12	1.5
F350 4.9						01.92- 09.96	112593	12	1.4
F350 4.9 4x4						01.92- 09.96	112593	12	1.4
F350 7.5						01.92- 09.96	112594	12	1.5
F350 7.5 4x4						01.92- 09.96	112594	12	1.5
<b>TRUCKS US</b>									
B600	[Caterpillar 3208]					01.85- 01.89	113825	12	5.0
B700	[Caterpillar 3208]					01.85- 01.89	113825	12	5.0
B800	[Caterpillar 3208]					01.85- 01.89	113825	12	5.0
<b>Fortschritt</b>									
<b>AGRICULTURE</b>									
Various Models							110592	24	6.6
							110511	24	4.0
<b>Freightliner</b>									
<b>TRUCKS US</b>									
C 112	[Caterpillar]					01.96- 01.07	112089	12	
	[Cummins]					01.96- 01.07	112089	12	
C 120	[Caterpillar]					01.96- 01.07	112089	12	
	[Cummins]					01.96- 01.07	112089	12	
C112		01.99- 01.04	113001	14	110	Mercedes MBE4000 01.01- 01.07	113917	12	
		01.99- 01.04	112824	14	145	01.99- 01.07	112089	12	
		01.96- 01.98	112996	14	115/130				
C120		01.99- 01.04	113001	14	110	Mercedes MBE4000 01.01- 01.07	113917	12	
		01.99- 01.04	112824	14	145				
		01.96- 12.98	112996	14	115/130				
		01.96- 01.98	113004#	14	135				
FC80 5.9		01.98- 01.01	112824	14	145	01.98- 01.01	113682#	12	3.3
FC80 8.3		01.98- 01.01	112824	14	145				
FL112		01.98- 01.03	112824	14	145	01.89- 01.92	113153	12	
		01.94- 01.03	113001	14	110	01.85- 01.03	112089	12	
		01.94- 01.98	113004#	14	135	Mercedes MBE4000 01.01- 01.03	113917	12	
FL120		01.98- 01.03	112824	14	145	01.86- 01.92	113153	12	
		01.98-	112998	14	85				
		01.94- 01.03	113001	14	110				
		01.94- 01.98	113004#	14	135				
FL50		01.94- 12.97	112996	14	115/130	01.00- 01.04	113826	12	4.6
		01.98- 01.04	112824	14	145	01.98-	114500	12	4.6
		01.98-	114430	14	175				
FL60		01.98-	114430	14	175	01.00- 01.04	113826	12	4.6
		01.98- 01.04	112824	14	145				
		01.94- 12.97	112996	14	115/130				
		01.94- 12.97	112641	14	100/105				
FL70		01.98- 01.05	112824	14	145	01.00- 01.04	113826	12	4.6
		01.94- 12.97	112996	14	115/130				
		01.94- 12.97	112641	14	100/105				
		01.98-	114430	14	175				



FL80	01.94- 12.97	112641	14	100/105	01.94- 01.04	113682#	12	3.3
	01.98-	114430	14	175	01.00- 01.04	113826	12	4.6
	01.98- 01.04	112824	14	145				
	01.94- 12.97	112996	14	115/130				
FLC112	01.98- 01.03	112824	14	145	Mercedes MBE4000	01.01- 01.03	113917	12
	01.79- 01.88	112262	14	90		01.86- 01.92	113153	12
	01.89- 01.93	112264	14	105		01.85- 01.03	112089	12
	01.89- 12.92	112996	14	115/130				
	01.98-	112998	14	85				
	01.94- 01.03	113001	14	110				
FLC120	01.98- 01.03	112824	14	145		01.86- 01.92	113153	12
	01.79- 01.88	112262	14	90		01.85- 01.03	112089	12
	01.89- 01.93	112264	14	105	Mercedes MBE4000	01.01- 01.03	113917	12
	01.98-	112998	14	85				
	01.94- 01.03	113001	14	110				
FLD112	01.98- 01.03	112824	14	145		01.93- 01.07	112089	12
	01.86- 01.88	112262	14	90	Mercedes MBE4000	01.01- 01.07	113917	12
	01.89- 01.92	112264	14	105				
	01.93- 12.97	112996	14	115/130				
FLD120	01.93- 01.98	113004#	14	135				
	01.98- 01.03	112824	14	145		01.93- 01.07	112089	12
	01.86- 01.88	112262	14	90	Mercedes MBE4000	01.01- 01.07	113917	12
	01.89- 01.92	112264	14	105				
M2	01.93- 12.97	112996	14	115/130				
	01.93- 01.98	113004#	14	135				
Various Models 11.9 ISX	[Cummins]				01.03- 01.07	112089	12	
Various Models 8.3 8.3L ISC	[8.3L ISC]					114148	12	7.2
<b>GAZ</b>					01.94-	114498	12	4.6
<b>TRUCKS EU</b>								
33081 4.7	[D245.7]					113356	24	3.5
<b>Gehl</b>								
<b>INDUSTRY</b>								
Various Models Diesel	[4TNE106]					114098	12	3.0
<b>CEO</b>								
<b>PASSENGER CARS US</b>								
Metro 1.0	01.89- 01.97	111279	14	50	01.89- 01.97	111696	12	1.2
	01.89- 01.94	110967	14	55	01.89- 01.97	111310	12	0.8
Metro 1.0 LSI	01.89- 01.96	111279	14	50	01.89- 01.96	111310	12	0.8
	01.89- 01.95	110967	14	55	01.89- 01.96	111696	12	1.2
Metro 1.0 XFI	01.90- 01.94	111279	14	50	01.90- 01.94	111696	12	1.2
	01.90- 01.94	110967	14	55	01.90- 01.94	111310	12	0.8
Metro 1.3	01.95-	111279	14	50				
Metro 1.3 LSI	01.95- 01.97	111279	14	50	01.95- 01.97	111310	12	0.8
					01.95- 01.97	111696	12	1.2
Prizm 1.6	01.93-	111579	14	70				
	01.89- 01.91	110682	14	70				
	01.89- 01.91	110678	14	60				
	01.93-	112860	14	80				
Prizm 1.6 GSI					01.90- 01.92	110253#	12	1.0
Prizm 1.6 LSI	01.90- 01.92	110682	14	70	01.93- 01.95	110713	12	1.0
	01.90- 01.92	110678	14	60				
	01.93- 01.97	111579	14	70				
	01.93- 01.95	112860	14	80				
Prizm 1.8	01.95-	111579	14	70				
	01.95-	112860	14	80				
Prizm 1.8 LSI	01.93- 01.97	111579	14	70	01.93- 01.95	110713	12	1.0
	01.93- 01.95	112860	14	80				
Spectrum 1.5								
Storm 1.6	01.90- 01.93	110683	14	75	01.90- 01.93	110711		
Storm 1.6 2+2					01.90- 01.93	110711		
Storm 1.6 GSI					01.90- 01.91	110711		
Storm 1.8 GSI					01.92- 01.93	110711		
Tracker 1.6	01.89- 01.97	111279	14	50	01.89- 01.97	110394	12	0.85
					01.89- 01.95	111586	12	1.4
Tracker 2.0 4x4	[J20A]				AT 11.98- 06.03	114225	12	1.6
<b>Ginaf</b>								
<b>TRUCKS EU</b>								
2120 N 5.9	[F4AE0681A]	09.03-	114296	28	90			
<b>GMC</b>								
<b>PASSENGER CARS EU</b>								
Various Models						112912	12	1.6
						112240	12	1.7
<b>PASSENGER CARS US</b>								
1000 Series 3.8	01.64- 01.65	110215#	14	90	01.64- 01.65	110217		
	01.64- 01.65	110075	14	60				
1500 Series 3.8	01.64- 01.65	110215#	14	90	01.64- 01.65	110217		
	01.64- 01.65	110075	14	60				
C15/C1500 3.8	01.66- 01.66	110215#	14	90	01.66- 01.66	110217		
	01.66- 01.66	110075	14	60				
C15/C1500 4.1	01.66- 01.71	110215#	14	90	01.66- 01.75	110217		
	01.66- 01.71	110075	14	60	01.73- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
C15/C1500 4.1 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
C15/C1500 4.1 Suburban	01.68- 01.71	110215#	14	90	01.68- 01.75	110217		
	01.68- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.80	110505	14	75				
	01.80- 01.80	110234	14	80				
C15/C1500 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C15/C1500 4.6	01.67- 01.67	110215#	14	90	01.67- 01.67	111277	12	
	01.67- 01.67	110075	14	60	01.67- 01.67	110217		
C15/C1500 4.8	01.66- 01.71	110215#	14	90	01.73- 01.80	110216	12	1.4
	01.66- 01.71	110075	14	60	01.69- 01.71	110217		
	01.73- 01.80	110505	14	75				
C15/C1500 4.8 Big Ten	01.78- 01.80	110505	14	75	01.78- 01.80	110216	12	1.4
C15/C1500 4.8 Suburban	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.68- 01.71	110215#	14	90	01.69- 01.71	110217		
	01.68- 01.71	110075	14	60				
C15/C1500 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C15/C1500 4.8 Suburban	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C15/C1500 5.0	01.93- 01.96	112639	14	100/105	01.68- 01.73	110217		
					01.68- 01.71	111277	12	
	01.68- 01.71	110215#	14	90	01.76- 01.86	110216	12	1.4
	01.68- 01.71	110075	14	60	01.85- 01.86	111034	12	1.2
	01.72- 01.86	110505	14	75				
	01.86- 01.86	110508	14	78				
	01.85- 01.86	110471	14	94				
	01.72- 01.72	110233	14	63				
	01.80- 01.81	110234	14	80				
C15/C1500 5.0 Big Ten	01.78- 01.80	110505	14	75	01.78- 01.80	110216	12	1.4
	01.80- 01.80	110234	14	80				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

GMC Continued

C15/C1500 5.0 Suburban	01.93- 01.96	112639	14	100/105	01.76- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75	01.85- 01.86	111034	12	1.2
	01.83- 01.86	110471	14	94	01.68- 01.73	110217		
	01.80- 01.81	110234	14	80	01.68- 01.71	111277	12	
	01.72- 01.72	110233	14	63				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
C15/C1500 5.4	01.67- 01.68	110215#	14	90	01.67- 01.68	110217		
	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12	
	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12	
C15/C1500 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110217		
	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12	
C15/C1500 5.7	01.87- 01.89	112627	14	100/105	01.71- 01.72	111258	12	
	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.86	110505	14	75				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
	01.80- 01.80	110234	14	80				
C15/C1500 5.7 Big Ten	01.87- 01.89	112627	14	100/105	01.77- 01.80	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.77- 01.80	110505	14	75				
	01.80- 01.80	110234	14	80				
C15/C1500 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
	01.80- 01.86	110234	14	80				
	01.72- 01.72	110233	14	63				
C15/C1500 5.7	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
	01.87- 01.89	112627	14	100/105	01.78- 01.81	110220	12	
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Suburban	01.78- 01.81	110505	14	75				
	01.87- 01.89	112627	14	100/105	01.78- 01.81	110220	12	
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7	01.78- 01.81	110505	14	75				
	01.87- 01.89	112627	14	100/105	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.74- 01.74	110505	14	75				
C15/C1500 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.74- 01.74	110505	14	75				
C15/C1500 6.2	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
	01.84- 01.84	110492	14	108				
C15/C1500 6.2 Suburban	01.84- 01.84	110471	14	94				
	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
C15/C1500 6.5	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C15/C1500 6.5 Suburban	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
C15/C1500 6.6	01.72- 01.72	110233	14	63	01.72- 01.72	111277	12	
	01.72- 01.80	110505	14	75	01.76- 01.80	111733#		
	01.80- 01.80	110234	14	80	01.76- 01.80	110216	12	1.4
	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
C15/C1500 6.6 Big Ten	01.80- 01.80	110505	14	75	01.80- 01.80	111733#		
	01.80- 01.80	110234	14	80	01.80- 01.80	110216	12	1.4
C15/C1500 6.6 Suburban	01.70- 01.72	110215#	14	90				
	01.70- 01.72	110075	14	60				
C15/C1500 7.4	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.80- 01.80	110234	14	80				
C15/C1500 7.4 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
	01.80- 01.80	110234	14	80				
C15/C1500 7.4 Suburban	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.80- 01.80	110234	14	80				
C1500 4.3	01.98- 01.98	112893	14	140	01.88- 01.88	111034	12	1.2
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111040		
	01.88- 01.88	112640	14	100/105	01.98- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
C1500 4.3 Sierra	01.90- 01.95	112338	14	105	01.89- 01.89	111040		
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C1500 4.3 Sierra XC	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105	01.89- 01.89	111040		
	01.90- 01.95	112338	14	105				
C1500 5.0	01.89- 01.89	112640	14	100/105				
	01.98- 01.99	112893	14	140	01.88- 01.88	110216	12	1.4
	01.88- 01.88	112640	14	100/105	01.98- 01.99	112912	12	1.6
	01.88- 01.88	110500	14	100/105				
C1500 5.0 Sierra	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.96- 01.97	112893	14	140	01.92- 01.97	111034	12	1.2
	01.90- 01.95	112338	14	105	01.89- 01.89	110217		
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C1500 5.0 Sierra XC	01.93- 01.96	112639	14	100/105	01.92- 01.97	111034	12	1.2
	01.96- 01.97	112893	14	140	01.89- 01.95	110216	12	1.4
	01.89- 01.89	112640	14	100/105	01.89- 01.89	110217		
	01.90- 01.95	112338	14	105				
C1500 5.7	01.89- 01.95	110500	14	100/105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
	01.87- 01.89	112627	14	100/105	01.88- 01.88	110216	12	1.4
C1500 5.7 Sierra	01.87- 01.89	112629	14	100/105	01.98- 01.99	112912	12	1.6
	01.98- 01.99	112893	14	140				
	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
	01.87- 01.89	112627	14	100/105	01.94- 01.97	112240	12	1.7
C1500 5.7 Sierra XC	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.96- 01.97	112912	12	1.6
	01.96- 01.97	112893	14	140				
	01.89- 01.95	110500	14	100/105				
C1500 5.7 Sierra XC	01.89- 01.93	112640	14	100/105				
	01.87- 01.89	112627	14	100/105	01.89- 01.95	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.96- 01.97	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.94- 01.95	112240	12	1.7
	01.96- 01.97	112893	14	140				
C1500 5.7 Sierra XC	01.89- 01.95	110500	14	100/105				
	01.89- 01.93	112640	14	100/105				
	01.89- 01.93	112640	14	100/105				



C1500 5.7 Suburban	01.87- 01.89 112627	14	100/105	01.96- 01.99 112240	12	1.7
	01.87- 01.89 112629	14	100/105	01.92- 01.95 110216	12	1.4
	01.93- 01.96 112639	14	100/105			
	01.96- 01.99 112893	14	140			
	01.92- 01.95 110500	14	100/105			
C1500 6.2	01.92- 01.95 112338	14	105			
	01.88- 01.88 112640	14	100/105	01.88- 01.88 111256		
C1500 6.2 Sierra	01.88- 01.88 110500	14	100/105			
	01.89- 01.93 112640	14	100/105	01.89- 01.93 112341	12	2.5
C1500 6.2 Sierra XC	01.89- 01.93 110500	14	100/105			
	01.89- 01.93 112640	14	100/105	01.89- 01.93 112341	12	2.5
C1500 6.5 Sierra	01.89- 01.93 110500	14	100/105			
	01.94- 01.95 112639	14	100/105	01.94- 01.95 112341	12	2.5
C1500 6.5 Sierra XC	01.94- 01.95 110500	14	100/105			
	01.94- 01.95 112639	14	100/105	01.94- 01.95 112341	12	2.5
C1500 6.5 Turbo	01.94- 01.95 110500	14	100/105			
	01.98- 01.98 112893	14	140	01.98- 01.98 112341	12	2.5
C1500 6.5 Turbo Sierra	01.97- 01.97 112893	14	140	01.94- 01.97 112341	12	2.5
	01.94- 01.96 112639	14	100/105			
C1500 6.5 Turbo Sierra XC	01.94- 01.97 110500	14	100/105			
	01.97- 01.97 112893	14	140	01.94- 01.97 112341	12	2.5
C1500 6.5 Turbo Suburban	01.94- 01.96 112639	14	100/105			
	01.94- 01.97 110500	14	100/105	01.94- 01.99 112341	12	2.5
C25/C2500 3.8	01.66- 01.66 110215#	14	90			
	01.66- 01.66 110075	14	60			
C25/C2500 4.1	01.66- 01.71 110215#	14	90	01.66- 01.75 110217		
	01.66- 01.71 110075	14	60	01.73- 01.84 110216	12	1.4
C25/C2500 4.1 Suburban	01.72- 01.72 110233	14	63			
	01.72- 01.84 110505	14	75			
C25/C2500 4.3	01.68- 01.71 110215#	14	90	01.68- 01.74 110217		
	01.68- 01.71 110075	14	60	01.73- 01.74 110216	12	1.4
C25/C2500 4.4	01.72- 01.72 110233	14	63			
	01.72- 01.74 110505	14	75			
C25/C2500 4.6	01.85- 01.86 110233	14	63	01.85- 01.86 110216	12	1.4
	01.85- 01.86 110505	14	75			
C25/C2500 4.8	01.67- 01.67 110215#	14	90	01.67- 01.67 111277	12	
	01.67- 01.67 110075	14	60	01.67- 01.67 110217		
C25/C2500 4.8 Suburban	01.66- 01.72 110215#	14	90	01.73- 01.86 110216	12	1.4
	01.66- 01.72 110075	14	60	01.69- 01.72 110217		
C25/C2500 4.8 Suburban	01.73- 01.86 110505	14	75			
	01.73- 01.86 110234	14	80	01.73- 01.86 110216	12	1.4
C25/C2500 4.8	01.80- 01.86 110234	14	80	01.69- 01.72 110217		
	01.68- 01.72 110215#	14	90			
C25/C2500 5.0	01.68- 01.72 110075	14	60			
	01.74- 01.74 110505	14	75	01.74- 01.74 110216	12	1.4
C25/C2500 5.0	01.93- 01.96 112639	14	100/105	01.68- 01.71 111277	12	
				01.68- 01.73 110217		
C25/C2500 5.0 Suburban	01.68- 01.71 110215#	14	90	01.85- 01.86 111034	12	1.2
	01.68- 01.71 110075	14	60	01.77- 01.86 110216	12	1.4
C25/C2500 5.0 Suburban	01.72- 01.86 110505	14	75			
	01.72- 01.72 110233	14	63			
C25/C2500 5.4	01.85- 01.86 110471	14	94			
	01.80- 01.80 110234	14	80			
C25/C2500 5.4	01.72- 01.86 110505	14	75	01.77- 01.86 110216	12	1.4
	01.68- 01.71 110215#	14	90	01.68- 01.71 111277	12	
C25/C2500 5.4 Suburban	01.68- 01.71 110075	14	60	01.68- 01.73 110217		
	01.84- 01.86 110471	14	94	01.84- 01.86 111034	12	1.2
C25/C2500 5.4	01.72- 01.72 110233	14	63			
	01.67- 01.68 110215#	14	90	01.67- 01.68 110217		
C25/C2500 5.4 Suburban	01.67- 01.68 110075	14	60	01.67- 01.68 111258	12	
	01.68- 01.68 110215#	14	90	01.68- 01.68 111258	12	
C25/C2500 5.7	01.68- 01.68 110075	14	60	01.68- 01.68 110217		
	01.87- 01.89 112627	14	100/105	01.72- 01.86 110216	12	1.4
C25/C2500 5.7	01.87- 01.89 112629	14	100/105	01.71- 01.72 111258	12	
	01.72- 01.86 110505	14	75			
C25/C2500 5.7 Suburban	01.69- 01.71 110215#	14	90			
	01.69- 01.71 110075	14	60			
C25/C2500 5.7 Suburban	01.80- 01.86 110234	14	80			
	01.83- 01.86 110471	14	94			
C25/C2500 5.7 Suburban	01.72- 01.72 110233	14	63			
	01.87- 01.89 112627	14	100/105	01.72- 01.86 110216	12	1.4
C25/C2500 5.7 Suburban	01.87- 01.89 112629	14	100/105	01.71- 01.72 111258	12	
	01.72- 01.86 110505	14	75			
C25/C2500 5.7 Suburban	01.72- 01.72 110233	14	63			
	01.69- 01.71 110215#	14	90			
C25/C2500 5.7 Suburban	01.69- 01.71 110075	14	60			
	01.80- 01.86 110234	14	80			
C25/C2500 5.7	01.87- 01.89 112627	14	100/105	01.80- 01.80 110220	12	
	01.87- 01.89 112629	14	100/105			
C25/C2500 5.7	01.80- 01.80 110505	14	75			
	01.80- 01.80 110234	14	80			
C25/C2500 6.2	01.87- 01.89 112627	14	100/105	01.74- 01.74 110216	12	1.4
	01.87- 01.89 112629	14	100/105			
C25/C2500 6.2	01.74- 01.74 110505	14	75			
	01.82- 01.86 110233	14	63			
C25/C2500 6.2 Suburban	01.82- 01.86 110505	14	75			
	01.82- 01.86 110233	14	63	01.84- 01.84 111256		
C25/C2500 6.5	01.84- 01.84 110471	14	94			
	01.84- 01.84 110492	14	108			
C25/C2500 6.5	01.82- 01.86 110505	14	75			
	01.68- 01.69 110215#	14	90			
C25/C2500 6.5 Suburban	01.68- 01.69 110075	14	60			
	01.68- 01.69 110215#	14	90			
C25/C2500 6.6	01.68- 01.69 110075	14	60			
	01.68- 01.69 110215#	14	90			
C25/C2500 6.6 Suburban	01.72- 01.72 110233	14	63	01.71- 01.72 111277	12	
	01.72- 01.79 110505	14	75	01.76- 01.79 111733#		
C25/C2500 6.6 Suburban	01.70- 01.71 110215#	14	90	01.76- 01.79 110216	12	1.4
	01.70- 01.71 110075	14	60			
C25/C2500 7.4	01.78- 01.80 110505	14	75	01.78- 01.80 110216	12	1.4
	01.80- 01.80 110234	14	80			
C25/C2500 7.4	01.70- 01.72 110215#	14	90			
	01.70- 01.72 110075	14	60			
C25/C2500 7.4 Suburban	01.85- 01.86 110233	14	63	01.73- 01.86 110216	12	1.4
	01.85- 01.86 110471	14	94			
C25/C2500 7.4 Suburban	01.73- 01.86 110505	14	75			
	01.80- 01.85 110234	14	80			
C2500 4.3	01.85- 01.86 110233	14	63	01.74- 01.86 110216	12	1.4
	01.85- 01.86 110471	14	94			
C2500 4.3	01.74- 01.86 110505	14	75			
	01.80- 01.85 110234	14	80			
C2500 4.3	01.88- 01.88 110500	14	100/105	01.88- 01.88 111040		
	01.88- 01.88 112640	14	100/105	01.88- 01.88 111034	12	1.2



Application list

GMC Continued

C2500 4.3 Sierra	01.93- 01.95	112639	14	100/105	01.89- 01.95	111034	12	1.2
	01.90- 01.95	112338	14	105	01.89- 01.89	111040		
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C2500 4.3 Sierra XC	01.93- 01.93	112639	14	100/105	01.89- 01.93	111034	12	1.2
	01.90- 01.93	112338	14	105	01.89- 01.89	111040		
	01.89- 01.93	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C2500 5.0	01.99- 01.99	112893	14	140	01.99- 01.99	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
C2500 5.0 Sierra	01.96- 01.97	112893	14	140	01.97- 01.97	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.92- 01.96	111034	12	1.2
	01.89- 01.95	110500	14	100/105	01.89- 01.95	110216	12	1.4
					01.89- 01.89	110217		
	01.90- 01.95	112338	14	105				
	01.89- 01.89	112640	14	100/105				
C2500 5.0 Sierra XC					01.97- 01.97	112912	12	1.6
	01.96- 01.97	112893	14	140	01.92- 01.96	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.90- 01.95	112338	14	105	01.89- 01.89	110217		
	01.89- 01.95	110500	14	100/105				
	01.89- 01.89	112640	14	100/105				
C2500 5.7					01.99- 01.00	112912	12	1.6
	01.87- 01.89	112627	14	100/105	01.99- 01.00	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.88- 01.88	110216	12	1.4
	01.99- 01.00	112893	14	140				
	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
C2500 5.7 Sierra	01.87- 01.89	112627	14	100/105	01.94- 01.98	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.96- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.96- 01.98	112893	14	140				
	01.89- 01.95	110500	14	100/105				
C2500 5.7 Sierra XC	01.89- 01.93	112640	14	100/105				
	01.87- 01.89	112627	14	100/105	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.94- 01.95	112240	12	1.7
	01.96- 01.98	112893	14	140				
	01.89- 01.95	110500	14	100/105				
C2500 5.7 Suburban	01.89- 01.93	112640	14	100/105				
	01.87- 01.89	112627	14	100/105	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.96- 01.99	112893	14	140				
	01.92- 01.95	110500	14	100/105				
C2500 6.2	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
C2500 6.2 Sierra	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
C2500 6.2 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	112640	14	100/105				
C2500 6.5 Sierra	01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	110500	14	100/105				
C2500 6.5 Sierra XC	01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	110500	14	100/105				
C2500 6.5 Turbo	01.99- 01.00	112893	14	140	01.99- 01.00	112341	12	2.5
C2500 6.5 Turbo Sierra	01.93- 01.96	112639	14	100/105	01.92- 01.98	112341	12	2.5
	01.92- 01.98	110500	14	100/105				
	01.92- 01.98	112640	14	100/105				
C2500 6.5 Turbo Sierra XC	01.93- 01.96	112639	14	100/105	01.93- 01.98	112341	12	2.5
	01.93- 01.98	110500	14	100/105				
	01.94- 01.96	112639	14	100/105				
C2500 6.5 Turbo Suburban	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.99	110500	14	100/105				
C2500 7.4	01.99- 01.00	112893	14	140	01.99- 01.00	112240	12	1.7
C2500 7.4 Sierra	01.93- 01.96	112639	14	100/105	01.94- 01.98	112240	12	1.7
	01.96- 01.98	112893	14	140	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.91- 01.93	110984	14	100/105				
C2500 7.4 Sierra XC	01.93- 01.96	112639	14	100/105	01.94- 01.98	112240	12	1.7
	01.96- 01.98	112893	14	140	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
C2500 7.4 Suburban	01.91- 01.93	110984	14	100/105				
	01.93- 01.96	112639	14	100/105	01.94- 01.99	112240	12	1.7
	01.96- 01.99	112893	14	140	01.92- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
C35/C3500 4.1	01.92- 01.93	110984	14	100/105				
	01.67- 01.71	110215#	14	90	01.67- 01.75	110217		
	01.67- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
C35/C3500 4.6	01.72- 01.80	110505	14	75				
	01.67- 01.67	110215#	14	90	01.67- 01.67	110217		
	01.67- 01.67	110075	14	60	01.67- 01.67	111277	12	
C35/C3500 4.8	01.67- 01.72	110215#	14	90	01.73- 01.86	110216	12	1.4
	01.67- 01.72	110075	14	60	01.69- 01.72	110217		
C35/C3500 4.8	01.73- 01.86	110505	14	75				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
	01.68- 01.71	110215#	14	90	01.68- 01.71	111277	12	
	01.68- 01.71	110075	14	60	01.68- 01.73	110217		
C35/C3500 5.0	01.86- 01.86	110471	14	94	01.78- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75				
	01.86- 01.86	110508	14	78				
	01.72- 01.72	110233	14	63				
	01.67- 01.68	110215#	14	90	01.67- 01.68	111258	12	
	01.67- 01.68	110075	14	60	01.67- 01.68	110217		
C35/C3500 5.7	01.69- 01.71	110215#	14	90	01.71- 01.72	111258	12	
	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.69- 01.71	110075	14	60				
	01.72- 01.86	110505	14	75				
	01.83- 01.86	110471	14	94				
C35/C3500 5.7	01.72- 01.72	110233	14	63				
	01.87- 01.89	112627	14	100/105	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
	01.74- 01.74	110505	14	75				



C35/C3500 6.2	01.82- 01.86	110233	14	63				01.82- 01.86	111256		
	01.82- 01.86	110505	14	75							
C35/C3500 6.5	01.68- 01.69	110215#	14	90							
	01.68- 01.69	110075	14	60							
C35/C3500 6.6	01.72- 01.72	110233	14	63				01.71- 01.72	111277	12	
	01.72- 01.79	110505	14	75				01.76- 01.79	111733#		
	01.70- 01.71	110215#	14	90				01.76- 01.79	110216	12	1.4
	01.70- 01.71	110075	14	60							
C35/C3500 7.4	01.85- 01.86	110233	14	63				01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94							
	01.73- 01.86	110505	14	75							
	01.80- 01.85	110234	14	80							
C3500 5.7	01.87- 01.89	112627	14	100/105				01.98- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105				01.88- 01.88	110216	12	1.4
	01.98- 01.00	112893	14	140							
	01.88- 01.88	112640	14	100/105							
	01.88- 01.88	110500	14	100/105							
C3500 5.7 Sierra	01.87- 01.89	112627	14	100/105				01.89- 01.97	112240	12	1.7
	01.87- 01.89	112629	14	100/105				01.96- 01.97	112912	12	1.6
	01.93- 01.96	112639	14	100/105				01.89- 01.95	110216	12	1.4
	01.96- 01.97	112893	14	140							
	01.89- 01.95	110500	14	100/105							
	01.89- 01.93	112640	14	100/105							
C3500 5.7 Sierra XC	01.87- 01.89	112627	14	100/105				01.96- 01.97	112912	12	1.6
	01.87- 01.89	112629	14	100/105				01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				01.94- 01.95	112240	12	1.7
	01.96- 01.97	112893	14	140							
	01.89- 01.95	110500	14	100/105							
	01.89- 01.93	112640	14	100/105							
C3500 6.2	01.88- 01.88	112640	14	100/105							
	01.88- 01.88	110500	14	100/105							
C3500 6.2 Sierra	01.89- 01.93	112640	14	100/105				01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105							
C3500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105				01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105							
C3500 6.5 Turbo	01.98- 01.00	112893	14	140				01.98- 01.00	112341	12	2.5
C3500 6.5 Turbo HD Chassis Cab								01.01- 01.02	112341	12	2.5
C3500 6.5 Turbo Sierra	01.97- 01.97	112893	14	140				01.92- 01.97	112341	12	2.5
	01.93- 01.96	112639	14	100/105							
	01.92- 01.97	112640	14	100/105							
	01.92- 01.97	110500	14	100/105							
C3500 6.5 Turbo Sierra XC	01.97- 01.97	112893	14	140				01.92- 01.97	112341	12	2.5
	01.93- 01.96	112639	14	100/105							
	01.92- 01.97	110500	14	100/105							
C3500 7.4	01.98- 01.00	112893	14	140				01.98- 01.00	112240	12	1.7
	01.88- 01.88	110984	14	100/105				01.88- 01.88	110216	12	1.4
C3500 7.4 Sierra	01.93- 01.96	112639	14	100/105				01.94- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				01.89- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105							
	01.89- 01.93	110984	14	100/105							
C3500 7.4 Sierra XC	01.93- 01.96	112639	14	100/105				01.94- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				01.89- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105							
	01.89- 01.93	110984	14	100/105							
C3500 8.1 HD Chassis Cab	01.01- 01.02	112853	14	130				01.02- 12.05	113730	12	1.4
	01.01- 01.02	112850	14	105				01.01- 01.02	112240	12	1.7
Caballero 3.3	01.78- 01.79	110233	14	63				01.78- 01.79	110414	12	
	01.78- 01.79	110505	14	75							
Caballero 3.8	01.80- 01.84	110235	14	80				01.78- 01.84	110217		
	01.80- 01.84	110233	14	63				01.80- 01.82	110414	12	
	01.78- 01.84	110505	14	75							
	01.80- 01.82	110234	14	80							
Caballero 4.3	01.85- 01.87	110233	14	63				01.85- 01.87	110217		
	01.85- 01.87	110471	14	94							
Caballero 4.4	01.80- 01.82	110505	14	75				01.80- 01.82	110414	12	
	01.80- 01.82	110234	14	80							
	01.80- 01.82	110235	14	80							
Caballero 5.0	01.84- 01.87	110471	14	94				01.84- 01.87	110217		
	01.78- 01.87	110505	14	75				01.78- 01.83	110414	12	
	01.79- 01.83	110234	14	80							
Caballero 5.7	01.78- 01.79	110505	14	75				01.78- 01.79	111258	12	
	01.78- 01.79	110234	14	80				01.78- 01.79	110216	12	1.4
Caballero 5.7	01.83- 01.84	110471	14	94							
	01.83- 01.84	110508	14	78							
	01.83- 01.83	110505	14	75							
	01.83- 01.83	110235	14	80							
Envoy 4.2	01.02- 01.03	114141	14	150				01.02- 01.03	112905	12	1.6
Envoy 4.2 SLE	01.05-	114141	14	150							
Envoy 4.2 SLT	01.05-	114141	14	150							
Envoy 4.2 XL	01.02- 01.03	114141	14	150				01.02- 01.03	112905	12	1.6
Envoy 4.2 XL SLE	01.05-	114141	14	150							
Envoy 4.2 XL SLT	01.05-	114141	14	150							
Envoy 4.2 XUV	01.04-	114141	14	150							
Envoy 4.2 XUV SLE	01.05-	114141	14	150							
Envoy 4.2 XUV SLT	01.05-	114141	14	150							
Envoy 5.3 XL	01.03- 01.03	112853	14	130				01.03- 01.03	112902	12	1.2
Envoy 5.3 XUV	01.04-	112853	14	130							
G1000 Series 3.8	01.64- 01.66	110215#	14	90				01.64- 01.66	110217		
	01.64- 01.66	110075	14	60							
G15/G1500 3.8	01.67- 01.67	110215#	14	90				01.67- 01.67	110217		
	01.67- 01.67	110075	14	60							
G15/G1500 3.8 Rally	01.68- 01.69	110215#	14	90				01.68- 01.69	110217		
	01.68- 01.69	110075	14	60							
G15/G1500 3.8 Vandura	01.68- 01.69	110215#	14	90				01.68- 01.69	110217		
	01.68- 01.69	110075	14	60							
G15/G1500 4.1	01.67- 01.67	110215#	14	90				01.67- 01.67	110217		
	01.67- 01.67	110075	14	60				01.83- 01.84	110216	12	1.4
	01.83- 01.84	110505	14	75							
	01.83- 01.84	110508	14	78							
G15/G1500 4.1 Rally	01.68- 01.71	110215#	14	90				01.68- 01.75	110217		
	01.68- 01.71	110075	14	60				01.77- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				01.73- 01.75	110798	12	1.5
	01.72- 01.84	110505	14	75							
	01.83- 01.84	110508	14	78							
G15/G1500 4.1 Vandura	01.68- 01.71	110215#	14	90				01.68- 01.75	110217		
	01.68- 01.71	110075	14	60				01.76- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				01.73- 01.75	110798	12	1.5
	01.72- 01.84	110505	14	75							
	01.83- 01.84	110508	14	78							





Application list

GMC Continued

G15/G1500 4.3	01.91-	112627	14	100/105					
	01.98- 01.98	112893	14	140					
	01.91-	112627	14	100/105	01.91- 01.93	111034	12	1.2	
G15/G1500 4.3 Rally	01.91-	112629	14	100/105					
	01.93- 01.93	112639	14	100/105	01.85- 01.90	110216	12	1.4	
	01.87- 01.93	110500	14	100/105					
	01.87- 01.93	112640	14	100/105					
	01.85- 01.90	110233	14	63					
	01.87- 01.90	110471	14	94					
	01.85- 01.90	110505	14	75					
	01.91-	112627	14	100/105	01.96- 01.97	112241	12	1.5	
	01.91-	112629	14	100/105	01.96- 01.97	112912	12	1.6	
	01.96- 01.96	112639	14	100/105	01.96- 01.97	111034	12	1.2	
G15/G1500 4.3 Vandura	01.91-	112627	14	100/105	01.91- 01.95	111034	12	1.2	
	01.91-	112629	14	100/105	01.85- 01.90	110216	12	1.4	
	01.93- 01.95	112639	14	100/105					
	01.87- 01.95	112640	14	100/105					
	01.87- 01.95	110500	14	100/105					
	01.85- 01.90	110233	14	63					
	01.87- 01.90	110471	14	94					
	01.85- 01.90	110505	14	75					
	01.67- 01.67	110215#	14	90					
	01.67- 01.67	110075	14	60					
G15/G1500 4.6	01.70- 01.71	110215#	14	90					
	01.70- 01.71	110075	14	60	01.70- 01.86	110216	12	1.4	
G15/G1500 5.0	01.98- 01.98	112893	14	140	01.70- 01.71	110217			
	01.94- 01.96	112639	14	100/105	01.70- 01.71	111258	12		
	01.94-	111711	14	105	01.98- 01.98	112912	12	1.6	
	01.83- 01.86	110505	14	75	01.94-	111034	12	1.2	
	01.83- 01.86	110471	14	94					
	01.72- 01.86	110505	14	75					
G15/G1500 5.0 Rally	01.72- 01.72	110233	14	63	01.72- 01.73	110217			
	01.93- 01.93	112639	14	100/105	01.73- 01.73	110798	12	1.5	
	01.92- 01.93	111711	14	105	01.92- 01.93	111034	12	1.2	
	01.87- 01.91	112640	14	100/105	01.77- 01.91	110216	12	1.4	
	01.87- 01.91	110500	14	100/105	01.68- 01.69	111258	12		
	01.83- 01.86	110471	14	94					
	01.68- 01.69	110215#	14	90					
	01.68- 01.69	110075	14	60					
	01.96- 01.96	112639	14	100/105	01.96- 01.97	112240	12	1.7	
	01.96- 01.97				01.96- 01.97	112912	12	1.6	
G15/G1500 5.0 Vandura	01.72- 01.86	110505	14	75	01.96- 01.97	111034	12	1.2	
	01.72- 01.72	110233	14	63	01.72- 01.73	110217			
	01.93- 01.95	112639	14	100/105	01.73- 01.73	110798	12	1.5	
	01.92- 01.95	111711	14	105	01.92- 01.95	111034	12	1.2	
	01.87- 01.91	112640	14	100/105	01.77- 01.91	110216	12	1.4	
	01.87- 01.91	110500	14	100/105	01.68- 01.69	111258	12		
	01.83- 01.86	110471	14	94					
	01.68- 01.69	110215#	14	90					
	01.68- 01.69	110075	14	60					
	01.67- 01.67	110215#	14	90					
G15/G1500 5.4	01.67- 01.67	110075	14	60					
	01.71- 01.71	110215#	14	90	01.71- 01.98	112240	12	1.7	
G15/G1500 5.7	01.87- 01.91	112627	14	100/105	01.71- 01.71	111258	12		
	01.87- 01.91	112629	14	100/105					
	01.71- 01.71	110075	14	60					
	01.98- 01.98	112893	14	140					
	01.94- 01.95	112639	14	100/105					
	01.94- 01.95	111711	14	105					
	01.87- 01.91	112627	14	100/105	01.72- 01.93	110216	12	1.4	
	01.87- 01.91	112629	14	100/105	01.72- 01.86	112240	12	1.7	
	01.93- 01.93	112639	14	100/105	01.72- 01.72	111258	12		
	01.87- 01.93	110500	14	100/105					
G15/G1500 5.7 Rally	01.87- 01.93	112640	14	100/105					
	01.72- 01.86	110505	14	75					
	01.72- 01.72	110233	14	63					
	01.87- 01.91	112627	14	100/105	01.96- 01.97	112240	12	1.7	
	01.87- 01.91	112629	14	100/105					
G15/G1500 5.7 Vandura	01.96- 01.96	112639	14	100/105					
	01.96- 01.97	112893	14	140					
	01.87- 01.91	112627	14	100/105	01.72- 01.81	112240	12	1.7	
	01.87- 01.91	112629	14	100/105	01.72- 01.81	110216	12	1.4	
G15/G1500 5.7 Rally	01.72- 01.81	110505	14	75	01.72- 01.72	111258	12		
	01.72- 01.72	110233	14	63					
	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4	
G15/G1500 6.6 Rally	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12	1.4	
G15/G1500 6.6 Vandura	01.79- 01.79	110505	14	75	01.79- 01.79	112240	12	1.7	
G15/G1500 7.4 Rally	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4	
G25/G2500 3.8	01.67- 01.67	110215#	14	90	01.67- 01.67	110217			
	01.67- 01.67	110075	14	60					
	01.68- 01.69	110215#	14	90	01.68- 01.69	110217			
G25/G2500 3.8 Rally	01.68- 01.69	110075	14	60					
	01.68- 01.69	110215#	14	90	01.68- 01.69	110217			
G25/G2500 3.8 Vandura	01.68- 01.69	110075	14	60					
	01.68- 01.69	110215#	14	90	01.67- 01.67	110217			
G25/G2500 4.1	01.67- 01.67	110215#	14	90					
	01.67- 01.67	110075	14	60					
G25/G2500 4.1 Rally	01.68- 01.71	110215#	14	90	01.68- 01.74	110217			
	01.68- 01.71	110075	14	60	01.79- 01.84	110216	12	1.4	
	01.72- 01.72	110233	14	63	01.73- 01.74	110798	12	1.5	
	01.72- 01.84	110505	14	75					
	01.83- 01.84	110508	14	78					
	01.68- 01.71	110215#	14	90	01.68- 01.74	110217			
G25/G2500 4.1 Vandura	01.68- 01.71	110075	14	60	01.78- 01.84	110216	12	1.4	
	01.72- 01.72	110233	14	63	01.73- 01.74	110798	12	1.5	
	01.72- 01.84	110505	14	75					
	01.83- 01.84	110508	14	78					
	01.91-	112627	14	100/105	01.98- 01.98	112912	12	1.6	
G25/G2500 4.3	01.91-	112629	14	100/105					
	01.98- 01.98	112893	14	140					
	01.91-	112627	14	100/105	01.91- 01.95	111034	12	1.2	
	01.91-	112629	14	100/105	01.85- 01.90	110216	12	1.4	
	01.93- 01.95	112639	14	100/105					
	01.87- 01.95	112640	14	100/105					
	01.87- 01.95	110500	14	100/105					
	01.87- 01.90	110471	14	94					
	01.85- 01.90	110233	14	63					
	01.85- 01.90	110505	14	75					
G25/G2500 4.3 Rally	01.91-	112627	14	100/105	01.91- 01.95	111034	12	1.2	
	01.91-	112629	14	100/105	01.85- 01.90	110216	12	1.4	
	01.93- 01.95	112639	14	100/105					
	01.87- 01.95	112640	14	100/105					
	01.87- 01.95	110500	14	100/105					
	01.87- 01.90	110471	14	94					
	01.85- 01.90	110233	14	63					
	01.85- 01.90	110505	14	75					
	01.91-	112627	14	100/105	01.91- 01.95	111034	12	1.2	
	01.91-	112629	14	100/105	01.85- 01.90	110216	12	1.4	
G25/G2500 4.3 Vandura	01.93- 01.95	112639	14	100/105					
	01.87- 01.95	112640	14	100/105					
	01.87- 01.95	110500	14	100/105					
	01.85- 01.90	110233	14	63					
	01.87- 01.90	110471	14	94					
	01.85- 01.90	110505	14	75					



G25/G2500 4.6	01.67- 01.67	110215#	14	90					
	01.67- 01.67	110075	14	60					
G25/G2500 4.8 Rally	01.74- 01.78	110505	14	75	01.74- 01.78	110216	12	1.4	
G25/G2500 4.8 Vandura	01.74- 01.78	110505	14	75	01.74- 01.78	110216	12	1.4	
G25/G2500 5.0	01.72- 01.72	110233	14	63	01.70- 01.72	110217			
	01.72- 01.72	110505	14	75	01.70- 01.71	110216	12	1.4	
	01.70- 01.71	110215#	14	90	01.70- 01.71	111258	12		
	01.70- 01.71	110075	14	60	01.98- 01.98	112912	12	1.6	
	01.98- 01.98	112893	14	140					
G25/G2500 5.0 Rally	01.73- 01.86	110505	14	75	01.77- 01.91	110216	12	1.4	
	01.93- 01.95	112639	14	100/105	01.73- 01.73	110217			
	01.92- 01.95	111711	14	105	01.73- 01.73	110798	12	1.5	
	01.87- 01.91	112640	14	100/105	01.92- 01.95	111034	12	1.2	
	01.87- 01.91	110500	14	100/105	01.68- 01.69	111258	12		
	01.83- 01.86	110471	14	94					
	01.68- 01.69	110215#	14	90					
	01.68- 01.69	110075	14	60					
G25/G2500 5.0 Savana	01.96- 01.96	112639	14	100/105	01.96- 01.97	112912	12	1.6	
					01.96- 01.97	111034	12	1.2	
G25/G2500 5.0 Vandura	01.73- 01.86	110505	14	75	01.77- 01.91	110216	12	1.4	
	01.93- 01.95	112639	14	100/105	01.73- 01.73	110217			
	01.92- 01.95	111711	14	105	01.73- 01.73	110798	12	1.5	
	01.87- 01.91	112640	14	100/105	01.92- 01.95	111034	12	1.2	
	01.87- 01.91	110500	14	100/105	01.68- 01.69	111258	12		
	01.83- 01.86	110471	14	94					
	01.68- 01.69	110215#	14	90					
	01.68- 01.69	110075	14	60					
G25/G2500 5.4	01.67- 01.67	110215#	14	90					
	01.67- 01.67	110075	14	60					
G25/G2500 5.7	01.71- 01.71	110215#	14	90	01.71- 01.98	112240	12	1.7	
	01.87- 01.91	112627	14	100/105	01.71- 01.71	111258	12		
	01.87- 01.91	112629	14	100/105					
	01.71- 01.71	110075	14	60					
	01.98- 01.98	112893	14	140					
G25/G2500 5.7 Rally	01.80- 01.86	112621#	14	100/105	01.71- 01.95	112240	12	1.7	
	01.80- 01.86	112448	14	100	01.72- 01.94	110216	12	1.4	
	01.80- 01.86	112624			01.71- 01.72	111258	12		
	01.87- 01.91	112627	14	100/105					
	01.87- 01.91	112629	14	100/105					
	01.72- 01.86	110505	14	75					
	01.80- 01.86	110499	14	100/105					
	01.80- 01.86	110508	14	78					
	01.93- 01.95	112639	14	100/105					
	01.94- 01.95	111711	14	105					
	01.87- 01.93	112640	14	100/105					
	01.87- 01.93	110500	14	100/105					
	01.72- 01.72	110233	14	63					
	01.71- 01.71	110215#	14	90					
	01.71- 01.71	110075	14	60					
G25/G2500 5.7 Savana	01.87- 01.91	112627	14	100/105	01.96- 01.97	112240	12	1.7	
	01.87- 01.91	112629	14	100/105					
	01.96- 01.96	112639	14	100/105					
	01.96- 01.97	112893	14	140					
G25/G2500 5.7 Vandura	01.87- 01.91	112627	14	100/105	01.70- 01.95	112240	12	1.7	
	01.87- 01.91	112629	14	100/105	01.72- 01.94	110216	12	1.4	
	01.93- 01.95	112639	14	100/105	01.70- 01.72	111258	12		
	01.94- 01.95	111711	14	105					
	01.87- 01.93	112640	14	100/105					
	01.87- 01.93	110500	14	100/105					
	01.72- 01.86	110505	14	75					
	01.83- 01.85	110471	14	94					
	01.72- 01.72	110233	14	63					
	01.70- 01.71	110215#	14	90					
	01.70- 01.71	110075	14	60					
G25/G2500 6.2 Rally	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5	
	01.83- 01.90	110233	14	63					
	01.83- 01.90	110505	14	75					
G25/G2500 6.2 Vandura	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5	
	01.83- 01.90	110233	14	63					
	01.83- 01.90	110505	14	75					
G25/G2500 6.5 Rally	01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5	
	01.94- 01.95	110500	14	100/105					
G25/G2500 6.5 Vandura	01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5	
	01.94- 01.95	110500	14	100/105					
G25/G2500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5	
G25/G2500 6.5 Turbo Cargo	01.97- 01.97	112893	14	140	01.97- 01.97	112341	12	2.5	
G25/G2500 6.5 Turbo Savana	01.96- 01.96	112639	14	100/105	01.96- 01.96	112341	12	2.5	
	01.96- 01.96	112893	14	140					
G25/G2500 6.5 Turbo XT	01.97- 01.97	112893	14	140	01.97- 01.97	112341	12	2.5	
G25/G2500 6.6 Rally	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4	
G25/G2500 6.6 Vandura	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4	
G25/G2500 7.4 Rally	01.75- 01.76	110505	14	75	01.75- 01.76	112240	12	1.7	
					01.75- 01.76	110216	12	1.4	
G35/G3500 4.1 Rally	01.71- 01.71	110215#	14	90	01.71- 01.74	110217			
	01.71- 01.71	110075	14	60	01.73- 01.74	110798	12	1.5	
	01.72- 01.72	110233	14	63					
	01.72- 01.74	110505	14	75					
G35/G3500 4.1 Vandura	01.71- 01.71	110215#	14	90	01.71- 01.74	110217			
	01.71- 01.71	110075	14	60	01.78- 01.84	110216	12	1.4	
	01.72- 01.72	110233	14	63	01.73- 01.74	110798	12	1.5	
	01.72- 01.84	110505	14	75					
	01.83- 01.84	110508	14	78					
G35/G3500 4.3	01.92- 01.95	111711	14	105	01.92- 01.95	111034	12	1.2	
	01.91- 01.91	112627	14	100/105					
	01.91- 01.91	112629	14	100/105					
	01.93- 01.96	112639	14	100/105					
G35/G3500 4.3 Rally	01.91- 01.91	112627	14	100/105	01.95- 01.96	111034	12	1.2	
	01.91- 01.91	112629	14	100/105					
	01.95- 01.96	112639	14	100/105					
	01.95- 01.96	111711	14	105					
G35/G3500 4.3 Savana	01.91- 01.91	112627	14	100/105	01.96- 01.96	112912	12	1.6	
	01.91- 01.91	112629	14	100/105	01.96- 01.96	111034	12	1.2	
	01.96- 01.96	112639	14	100/105					
	01.96- 01.96	112893	14	140					
G35/G3500 4.3 Special	01.91- 01.91	112627	14	100/105	01.96- 01.96	111034	12	1.2	
	01.91- 01.91	112629	14	100/105					
	01.96- 01.96	112639	14	100/105					
	01.96- 01.96	111711	14	105					
G35/G3500 4.3 Vandura	01.91- 01.91	112627	14	100/105	01.91- 01.96	111034	12	1.2	
	01.91- 01.91	112629	14	100/105	01.85- 01.90	110216	12	1.4	
	01.93- 01.96	112639	14	100/105					
	01.87- 01.96	112640	14	100/105					
	01.87- 01.96	110500	14	100/105					
	01.85- 01.90	110233	14	63					
	01.87- 01.90	110471	14	94					
	01.85- 01.90	110505	14	75					
G35/G3500 4.8	01.74- 01.78	110505	14	75	01.74- 01.78	110216	12	1.4	
G35/G3500 4.8 Rally	01.76- 01.78	110505	14	75	01.76- 01.78	110216	12	1.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

GMC Continued

G35/G3500 4.8 Vandura	01.76- 01.78	110505	14	75	01.76- 01.78	110216	12	1.4
G35/G3500 5.0 Vandura	01.81- 01.81	110505	14	75	01.81- 01.81	110216	12	1.4
G35/G3500 5.4	01.67- 01.67	110215#	14	90				
	01.67- 01.67	110075	14	60				
G35/G3500 5.7	01.87- 01.91	112627	14	100/105	01.71- 01.98	112240	12	1.7
	01.87- 01.91	112629	14	100/105	01.74- 01.94	110216	12	1.4
	01.74- 01.86	110505	14	75	01.71- 01.71	111258	12	
	01.71- 01.71	110215#	14	90	01.76- 01.80	111733#		
	01.71- 01.71	110075	14	60				
	01.98- 01.98	112893	14	140				
	01.93- 01.96	112639	14	100/105				
	01.94- 01.96	111711	14	105				
	01.87- 01.93	110500	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.84- 01.88	110471	14	94				
G35/G3500 5.7 Rally	01.87- 01.91	112627	14	100/105	01.71- 01.96	112240	12	1.7
	01.87- 01.91	112629	14	100/105	01.72- 01.94	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.71- 01.72	111258	12	
	01.94- 01.96	111711	14	105				
	01.87- 01.93	112640	14	100/105				
	01.87- 01.93	110500	14	100/105				
	01.72- 01.86	110505	14	75				
	01.72- 01.72	110233	14	63				
	01.71- 01.71	110215#	14	90				
	01.71- 01.71	110075	14	60				
G35/G3500 5.7 Savana	01.87- 01.91	112627	14	100/105	01.96- 01.97	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
	01.96- 01.96	112639	14	100/105				
	01.96- 01.97	112893	14	140				
G35/G3500 5.7 Special	01.87- 01.91	112627	14	100/105	01.96- 01.97	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
	01.96- 01.96	112639	14	100/105				
	01.96- 01.97	112893	14	140				
G35/G3500 5.7 Vandura	01.87- 01.91	112627	14	100/105	01.71- 01.96	112240	12	1.7
	01.87- 01.91	112629	14	100/105	01.72- 01.94	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.71- 01.72	111258	12	
	01.94- 01.96	111711	14	105				
	01.87- 01.93	110500	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.72- 01.86	110505	14	75				
	01.72- 01.72	110233	14	63				
	01.71- 01.71	110215#	14	90				
	01.71- 01.71	110075	14	60				
G35/G3500 6.2	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
	01.83- 01.90	110233	14	63	01.83- 01.87	111256		
	01.83- 01.90	110505	14	75				
G35/G3500 6.2 Rally	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
	01.83- 01.90	110233	14	63				
	01.83- 01.90	110505	14	75				
G35/G3500 6.2 Vandura	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
	01.83- 01.90	110233	14	63				
	01.83- 01.90	110505	14	75				
G35/G3500 6.5	01.94- 01.96	112639	14	100/105	01.94- 01.96	112341	12	2.5
	01.94- 01.96	110500	14	100/105				
G35/G3500 6.5 Rally	01.94- 01.96	112639	14	100/105	01.94- 01.96	112341	12	2.5
	01.94- 01.96	110500	14	100/105				
G35/G3500 6.5 Vandura	01.94- 01.96	112639	14	100/105	01.94- 01.96	112341	12	2.5
	01.94- 01.96	110500	14	100/105				
G35/G3500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
G35/G3500 6.5 Turbo Savana	01.96- 01.96	112639	14	100/105	01.96- 01.97	112341	12	2.5
	01.96- 01.97	112893	14	140				
G35/G3500 6.5 Turbo Special	01.96- 01.96	112639	14	100/105	01.96- 01.96	112341	12	2.5
	01.96- 01.96	112893	14	140				
G35/G3500 6.6	01.76- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
G35/G3500 6.6 Rally	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G35/G3500 6.6 Vandura	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G35/G3500 7.4	01.98- 01.98	112893	14	140	01.76- 01.98	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.76- 01.94	110216	12	1.4
	01.94- 01.96	111711	14	105				
	01.88- 01.93	110984	14	100/105				
	01.76- 01.79	110505	14	75				
G35/G3500 7.4 Rally	01.93- 01.96	112639	14	100/105	01.89- 01.96	112240	12	1.7
	01.94- 01.96	111711	14	105	01.89- 01.94	110216	12	1.4
	01.89- 01.93	110984	14	100/105				
G35/G3500 7.4 Savana	01.96- 01.96	112639	14	100/105	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				
G35/G3500 7.4 Special	01.96- 01.96	112639	14	100/105	01.96- 01.96	112240	12	1.7
	01.96- 01.96	112893	14	140				
G35/G3500 7.4 Vandura	01.93- 01.96	112639	14	100/105	01.89- 01.96	112240	12	1.7
	01.94- 01.96	111711	14	105	01.89- 01.94	110216	12	1.4
	01.89- 01.93	110984	14	100/105				
Jimmy 4.1	01.70- 01.71	110215#	14	90	01.70- 01.75	110217		
	01.70- 01.71	110075	14	60	01.73- 01.82	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.82	110505	14	75				
Jimmy 4.3	01.01- 01.01	114139	14	100	01.95- 01.01	112240	12	1.7
	01.98- 01.00	112665	14	100	01.01- 01.01	112241	12	1.5
	01.96- 01.96	111712	14	105	01.95- 01.95	111034	12	1.2
	01.95- 01.96	112639	14	100/105				
	01.94- 01.95	112613	14	105				
Jimmy 4.3 Envoy	01.98- 01.01	112665	14	100	01.98- 01.01	112240	12	1.7
					01.99- 01.01	112241	12	1.5
Jimmy 4.3 SLS					01.02- 01.02	112240	12	1.7
Jimmy 4.8	01.73- 01.73	110505	14	75	01.73- 01.73	110216	12	1.4
Jimmy 5.0	01.72- 01.72	110233	14	63	01.70- 01.71	111277	12	
	01.72- 01.87	110505	14	75	01.70- 01.87	110217		
	01.70- 01.71	110215#	14	90	01.77- 01.87	110216	12	1.4
	01.70- 01.71	110075	14	60	01.70- 01.70	111258	12	
	01.87- 01.87	110500	14	100/105				
	01.83- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
	01.80- 01.81	110234	14	80				
Jimmy 5.7	01.93- 01.96	112639	14	100/105	01.73- 01.91	110216	12	1.4
	01.73- 01.91	110505	14	75	01.82- 01.91	110217		
	01.70- 01.72	110215#	14	90	01.70- 01.72	111258	12	
	01.70- 01.72	110075	14	60				
	01.88- 01.93	112338	14	105				
	01.87- 01.87	112635#	14	100/105				
	01.87- 01.91	110471	14	94				
	01.87- 01.91	110984	14	100/105				
Jimmy 6.2	01.82- 01.90	110233	14	63	01.90- 01.91	112341	12	2.5
	01.82- 01.90	110471	14	94	01.82- 01.86	111256		
	01.82- 01.90	110505	14	75				
	01.82- 01.86	110492	14	108				
	01.91- 01.91	110984	14	100/105				



Jimmy 6.6	01.75- 01.79	110505	14	75	01.75- 01.79	110216	12	1.4
Jimmy 7.4	01.73- 01.76	110505	14	75	01.73- 01.76	110216	12	1.4
K15/K1500 3.8	01.66- 01.69	110215#	14	90				
	01.66- 01.69	110075	14	60				
K15/K1500 4.1	01.66- 01.71	110215#	14	90	01.66- 01.75	110217		
	01.66- 01.71	110075	14	60	01.73- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
K15/K1500 4.1 Suburban	01.72- 01.84	110505	14	75				
	01.68- 01.71	110215#	14	90	01.68- 01.75	110217		
	01.68- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.80	110505	14	75				
	01.80- 01.80	110234	14	80				
K15/K1500 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75	01.85- 01.86	110217		
K15/K1500 4.6	01.67- 01.67	110215#	14	90	01.67- 01.67	111277	12	
	01.67- 01.67	110075	14	60	01.67- 01.67	110217		
K15/K1500 4.8	01.66- 01.67	110215#	14	90	01.75- 01.80	110216	12	1.4
	01.66- 01.67	110075	14	60				
	01.75- 01.80	110505	14	75				
K15/K1500 5.0	01.68- 01.70	110215#	14	90	01.68- 01.70	111277	12	
	01.68- 01.70	110075	14	60	01.68- 01.86	110217		
	01.76- 01.86	110505	14	75	01.76- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
K15/K1500 5.0 Suburban	01.72- 01.85	110505	14	75	01.68- 01.85	110217		
	01.83- 01.85	110471	14	94	01.85- 01.85	111034	12	1.2
	01.68- 01.71	110215#	14	90	01.76- 01.85	110216	12	1.4
	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12	
	01.72- 01.72	110233	14	63				
K15/K1500 5.4	01.67- 01.68	110215#	14	90	01.67- 01.68	110217		
	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12	
K15/K1500 5.4 Suburban	01.68- 01.68	110215#	14	90	01.68- 01.68	110217		
	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
K15/K1500 5.7	01.87- 01.89	112627	14	100/105	01.82- 01.86	110217		
	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75	01.72- 01.72	111258	12	
	01.84- 01.86	110471	14	94				
	01.80- 01.85	110234	14	80				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
K15/K1500 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.82- 01.86	110217		
	01.72- 01.86	110505	14	75	01.70- 01.72	111258	12	
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
	01.85- 01.86	110471	14	94				
	01.80- 01.81	110234	14	80				
	01.72- 01.72	110233	14	63				
K15/K1500 6.2	01.82- 01.86	110233	14	63				
	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
K15/K1500 6.2 Suburban	01.82- 01.86	110233	14	63				
	01.84- 01.86	110471	14	94				
	01.84- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
K15/K1500 6.5	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
K15/K1500 6.5 Suburban	01.93- 01.96	112639	14	100/105				
K15/K1500 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	111733#		
	01.80- 01.80	110234	14	80	01.75- 01.80	110216	12	1.4
K15/K1500 6.6 Suburban	01.75- 01.79	110505	14	75	01.75- 01.79	110216	12	1.4
	01.70- 01.72	110215#	14	90				
	01.70- 01.72	110075	14	60				
K15/K1500 7.4	01.76- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
K1500 4.3	01.88- 01.88	112640	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111040		
K1500 4.3 Sierra	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105	01.89- 01.89	112241	12	1.5
	01.90- 01.95	112338	14	105	01.89- 01.89	111040		
	01.89- 01.89	112640	14	100/105				
K1500 4.3 Sierra XC	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105	01.89- 01.89	111040		
	01.90- 01.95	112338	14	105				
	01.89- 01.89	112640	14	100/105				
K1500 5.0	01.99- 01.99	112893	14	140	01.99- 01.99	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105	01.88- 01.88	110217		
K1500 5.0 Sierra	01.93- 01.96	112639	14	100/105	01.91- 01.98	111034	12	1.2
	01.96- 01.98	112893	14	140	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105	01.89- 01.93	110217		
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
K1500 5.0 Sierra XC	01.93- 01.96	112639	14	100/105	01.91- 01.98	111034	12	1.2
	01.96- 01.98	112893	14	140	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105	01.89- 01.93	110217		
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
K1500 5.7	01.87- 01.89	112627	14	100/105	01.99- 01.99	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.99- 01.99	112240	12	1.7
	01.99- 01.99	112893	14	140	01.88- 01.88	110217		
	01.87- 01.93	112635#	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
K1500 5.7 Sierra	01.87- 01.89	112627	14	100/105	01.93- 01.97	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.96- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110217		
	01.96- 01.98	112893	14	140	01.89- 01.95	110216	12	1.4
	01.87- 01.93	112635#	14	100/105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				

Application list





Application list

GMC Continued

K1500 5.7 Sierra XC	01.87- 01.93	112635#	14	100/105	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112627	14	100/105	01.89- 01.95	110217		
	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.96- 01.98	112893	14	140				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
K1500 5.7 Suburban	01.87- 01.89	112627	14	100/105	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110217		
	01.93- 01.96	112639	14	100/105				
	01.96- 01.99	112893	14	140				
	01.92- 01.95	110500	14	100/105				
	01.92- 01.95	112338	14	105				
K1500 6.2	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
K1500 6.2 Sierra	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K1500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K1500 6.5 Sierra	01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	110500	14	100/105				
K1500 6.5 Sierra XC	01.94- 01.95	112639	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	110500	14	100/105				
K1500 6.5 Turbo Sierra	01.94- 01.98	110500	14	100/105	01.94- 01.98	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
	01.98- 01.98	112893	14	140				
K1500 6.5 Turbo Sierra XC	01.94- 01.98	110500	14	100/105	01.94- 01.98	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
	01.97- 01.98	112893	14	140				
K1500 6.5 Turbo Suburban	01.94- 01.96	112639	14	100/105	01.96- 01.99	112341	12	2.5
	01.96- 01.99	112893	14	140				
	01.94- 01.95	110500	14	100/105				
K25/K2500 4.1	01.67- 01.71	110215#	14	90	01.67- 01.75	110217		
	01.67- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
K25/K2500 4.1 Suburban	01.68- 01.71	110215#	14	90	01.68- 01.74	110217		
	01.68- 01.71	110075	14	60	01.73- 01.74	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.74	110505	14	75				
K25/K2500 4.3	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.85- 01.85	110505	14	75	01.85- 01.85	110217		
K25/K2500 4.6	01.67- 01.67	110215#	14	90	01.67- 01.67	110217		
	01.67- 01.67	110075	14	60	01.67- 01.67	111277	12	
K25/K2500 4.8	01.67- 01.72	110215#	14	90	01.73- 01.86	110216	12	1.4
	01.67- 01.72	110075	14	60	01.70- 01.72	110217		
	01.73- 01.86	110505	14	75				
K25/K2500 4.8 Suburban	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.80- 01.86	110234	14	80	01.69- 01.72	110217		
	01.68- 01.72	110215#	14	90				
	01.68- 01.72	110075	14	60				
K25/K2500 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
K25/K2500 5.0	01.68- 01.70	110215#	14	90	01.68- 01.70	111277	12	
	01.68- 01.70	110075	14	60	01.68- 01.70	110217		
K25/K2500 5.0 Suburban	01.77- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
	01.72- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
	01.72- 01.72	110233	14	63	01.68- 01.73	110217		
	01.68- 01.71	110215#	14	90	01.68- 01.71	111277	12	
	01.68- 01.71	110075	14	60				
K25/K2500 5.4	01.67- 01.68	110215#	14	90	01.67- 01.68	110217		
	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12	
K25/K2500 5.4 Suburban	01.68- 01.68	110215#	14	90	01.68- 01.68	111258	12	
	01.68- 01.68	110075	14	60	01.68- 01.68	110217		
K25/K2500 5.7	01.87- 01.89	112627	14	100/105	01.82- 01.86	110217		
	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75	01.72- 01.72	111258	12	
	01.84- 01.86	110471	14	94				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110215#	14	90				
K25/K2500 5.7 Suburban	01.69- 01.71	110075	14	60				
	01.87- 01.89	112627	14	100/105	01.82- 01.84	110217		
	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75	01.72- 01.72	111258	12	
	01.80- 01.86	110234	14	80				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110215#	14	90				
	01.69- 01.71	110075	14	60				
K25/K2500 6.2	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
	01.82- 01.86	110233	14	63	01.84- 01.86	111256		
K25/K2500 6.2 Suburban	01.84- 01.86	110471	14	94				
	01.84- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
K25/K2500 6.5	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
K25/K2500 6.5 Suburban	01.93- 01.96	112639	14	100/105				
K25/K2500 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	111733#		
	01.80- 01.80	110234	14	80	01.75- 01.80	110216	12	1.4
K25/K2500 6.6 Suburban	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.80- 01.80	110234	14	80				
K25/K2500 7.4	01.73- 01.78	110505	14	75	01.73- 01.78	110216	12	1.4
K25/K2500 7.4 Suburban	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
K2500 4.3	01.88- 01.88	112640	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111040		
K2500 4.3 Sierra	01.93- 01.95	112639	14	100/105	01.89- 01.95	111034	12	1.2
	01.90- 01.95	112338	14	105	01.89- 01.89	111040		
	01.89- 01.95	110500	14	100/105				
K2500 4.3 Sierra XC	01.89- 01.89	112640	14	100/105				
	01.93- 01.93	112639	14	100/105	01.89- 01.93	111034	12	1.2
	01.89- 01.93	110500	14	100/105	01.89- 01.89	111040		
	01.90- 01.93	112338	14	105				
	01.89- 01.89	112640	14	100/105				
K2500 5.0	01.98- 01.99	112893	14	140	01.98- 01.99	112912	12	1.6
	01.88- 01.88	110500	14	100/105	01.88- 01.88	110217		
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
K2500 5.0 Sierra	01.93- 01.95	112639	14	100/105	01.91- 01.95	111034	12	1.2
					01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105	01.89- 01.93	110217		
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				



K2500 5.0 Sierra XC	01.93- 01.95 112639	14	100/105	01.89- 01.95 110216	12	1.4
	01.89- 01.95 110500	14	100/105	01.91- 01.95 111034	12	1.2
	01.91- 01.93 112338	14	105	01.89- 01.93 110217		
	01.89- 01.90 112640	14	100/105			
K2500 5.7	01.87- 01.89 112627	14	100/105	01.98- 01.00 112912	12	1.6
	01.87- 01.89 112629	14	100/105	01.88- 01.88 110216	12	1.4
	01.98- 01.00 112893	14	140	01.88- 01.88 110217		
	01.88- 01.88 112640	14	100/105			
K2500 5.7 Sierra	01.88- 01.88 110500	14	100/105			
	01.87- 01.89 112627	14	100/105	01.93- 01.97 112240	12	1.7
	01.87- 01.89 112629	14	100/105	01.96- 01.97 112912	12	1.6
	01.93- 01.96 112639	14	100/105	01.89- 01.95 110217		
K2500 5.7 Sierra XC	01.96- 01.97 112893	14	140	01.89- 01.95 110216	12	1.4
	01.89- 01.95 110500	14	100/105			
	01.89- 01.92 112640	14	100/105			
	01.87- 01.89 112627	14	100/105	01.96- 01.97 112912	12	1.6
K2500 5.7 Suburban	01.87- 01.89 112629	14	100/105	01.89- 01.95 110217		
	01.93- 01.96 112639	14	100/105	01.89- 01.95 110216	12	1.4
	01.96- 01.97 112893	14	140			
	01.89- 01.95 110500	14	100/105			
K2500 6.2	01.89- 01.92 112640	14	100/105			
	01.87- 01.89 112627	14	100/105			
	01.87- 01.89 112629	14	100/105			
	01.93- 01.96 112639	14	100/105			
K2500 6.2 Sierra	01.96- 01.97 112893	14	140			
	01.89- 01.95 110500	14	100/105			
	01.89- 01.92 112640	14	100/105			
	01.87- 01.89 112627	14	100/105	01.92- 01.95 110217		
K2500 6.2 Sierra XC	01.87- 01.89 112629	14	100/105	01.96- 01.99 112240	12	1.7
	01.93- 01.96 112639	14	100/105			
	01.96- 01.99 112893	14	140			
	01.92- 01.95 110500	14	100/105			
K2500 6.5 Sierra	01.89- 01.95 112338	14	105			
	01.88- 01.88 112640	14	100/105			
	01.88- 01.88 110500	14	100/105			
	01.89- 01.93 110500	14	100/105	01.89- 01.93 112341	12	2.5
K2500 6.5 Sierra XC	01.89- 01.93 112640	14	100/105	01.89- 01.93 112341	12	2.5
	01.89- 01.93 110500	14	100/105			
	01.94- 01.95 112639	14	100/105	01.94- 01.95 112341	12	2.5
	01.94- 01.95 110500	14	100/105			
K2500 6.5 Turbo	01.94- 01.95 112639	14	100/105	01.94- 01.95 112341	12	2.5
	01.94- 01.95 110500	14	100/105			
	01.98- 01.00 112893	14	140	01.98- 01.00 112341	12	2.5
	01.93- 01.96 112639	14	100/105	01.92- 01.97 112341	12	2.5
K2500 6.5 Turbo Sierra	01.92- 01.97 110500	14	100/105			
	01.92- 01.94 112640	14	100/105			
	01.93- 01.96 112639	14	100/105	01.92- 01.97 112341	12	2.5
	01.92- 01.97 110500	14	100/105			
K2500 6.5 Turbo Sierra XC	01.92- 01.97 110500	14	100/105			
	01.94- 01.96 112639	14	100/105	01.96- 01.99 112341	12	2.5
	01.96- 01.99 112893	14	140			
	01.94- 01.95 110500	14	100/105			
K2500 6.5 Turbo Suburban	01.94- 01.95 110500	14	100/105			
	01.98- 01.00 112893	14	140	01.98- 01.00 112240	12	1.7
	01.93- 01.96 112639	14	100/105	01.91- 01.97 112240	12	1.7
	01.96- 01.97 112893	14	140	01.91- 01.95 110216	12	1.4
K2500 7.4	01.94- 01.95 110500	14	100/105	01.91- 01.93 110217		
	01.91- 01.93 110984	14	100/105			
	01.93- 01.96 112639	14	100/105	01.94- 01.97 112240	12	1.7
	01.96- 01.97 112893	14	140	01.91- 01.95 110216	12	1.4
K2500 7.4 Sierra	01.91- 01.93 110984	14	100/105	01.91- 01.93 110217		
	01.93- 01.96 112639	14	100/105			
	01.96- 01.97 112893	14	140			
	01.91- 01.93 110984	14	100/105			
K2500 7.4 Sierra XC	01.96- 01.97 112893	14	140	01.91- 01.95 110216	12	1.4
	01.94- 01.95 110500	14	100/105	01.91- 01.93 110217		
	01.93- 01.96 112639	14	100/105			
	01.91- 01.93 110984	14	100/105			
K2500 7.4 Suburban	01.94- 01.95 110500	14	100/105			
	01.93- 01.96 112639	14	100/105	01.94- 01.99 112240	12	1.7
	01.96- 01.99 112893	14	140	01.94- 01.95 110216	12	1.4
	01.92- 01.93 110984	14	100/105	01.92- 01.93 110217		
K35/K3500 4.1	01.92- 01.97 110500	14	100/105			
	01.68- 01.71 110215#	14	90	01.68- 01.75 110217		
	01.68- 01.71 110075	14	60	01.73- 01.75 110216	12	1.4
	01.72- 01.72 110233	14	63			
K35/K3500 4.8	01.72- 01.75 110505	14	75			
	01.68- 01.72 110215#	14	90	01.69- 01.72 110217		
	01.68- 01.72 110075	14	60	01.73- 01.86 110216	12	1.4
	01.73- 01.86 110505	14	75			
K35/K3500 4.8	01.74- 01.74 110505	14	75	01.74- 01.74 110216	12	1.4
	01.68- 01.71 110215#	14	90			
	01.68- 01.71 110075	14	60	01.68- 01.71 111277	12	
	01.72- 01.73 110505	14	75	01.68- 01.73 110217		
K35/K3500 5.0	01.72- 01.72 110233	14	63			
	01.67- 01.68 110215#	14	90	01.67- 01.68 110217		
	01.67- 01.68 110075	14	60	01.67- 01.68 111258	12	
	01.87- 01.89 112627	14	100/105	01.72- 01.86 110216	12	1.4
K35/K3500 5.4	01.87- 01.89 112629	14	100/105	01.72- 01.72 111258	12	
	01.72- 01.86 110505	14	75	01.82- 01.86 110217		
	01.72- 01.72 110233	14	63			
	01.69- 01.71 110215#	14	90			
K35/K3500 5.7	01.69- 01.71 110075	14	60			
	01.84- 01.86 110471	14	94			
	01.87- 01.89 112627	14	100/105	01.74- 01.74 110216	12	1.4
	01.87- 01.89 112629	14	100/105			
K35/K3500 6.2	01.74- 01.74 110505	14	75			
	01.82- 01.86 110233	14	63			
	01.85- 01.86 110471	14	94			
	01.85- 01.86 110492	14	108			
K35/K3500 6.5	01.82- 01.86 110505	14	75			
	01.68- 01.69 110215#	14	90			
	01.68- 01.69 110075	14	60			
	01.70- 01.71 110215#	14	90	01.77- 01.80 111733#		
K35/K3500 6.6	01.70- 01.71 110075	14	60	01.77- 01.80 110216	12	1.4
	01.77- 01.80 110505	14	75			
	01.73- 01.86 110505	14	75			
	01.85- 01.86 110471	14	94	01.73- 01.86 110216	12	1.4
K35/K3500 7.4	01.85- 01.86 110233	14	63	01.85- 01.86 110217		
	01.81- 01.85 110234	14	80			
	01.87- 01.89 112627	14	100/105	01.98- 01.00 112912	12	1.6
	01.87- 01.89 112629	14	100/105	01.99- 01.00 112240	12	1.7
K3500 5.7	01.98- 01.00 112893	14	140	01.88- 01.88 110216	12	1.4
	01.88- 01.88 112640	14	100/105	01.88- 01.88 110217		
	01.88- 01.88 110500	14	100/105			



Application list

GMC Continued

K3500 5.7 Sierra		01.87- 01.89	112627	14	100/105	01.93- 01.97	112240	12	1.7
		01.87- 01.89	112629	14	100/105	01.96- 01.97	112912	12	1.6
		01.93- 01.96	112639	14	100/105	01.89- 01.95	110217		
						01.89- 01.95	110216	12	1.4
K3500 5.7 Sierra XC		01.96- 01.97	112893	14	140				
		01.89- 01.95	110500	14	100/105				
		01.89- 01.92	112640	14	100/105				
		01.87- 01.89	112627	14	100/105	01.96- 01.97	112912	12	1.6
K3500 6.2		01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
		01.93- 01.96	112639	14	100/105	01.89- 01.95	110217		
		01.96- 01.97	112893	14	140				
K3500 6.2 Sierra		01.89- 01.95	110500	14	100/105				
		01.89- 01.92	112640	14	100/105				
		01.88- 01.88	110500	14	100/105				
		01.88- 01.88	112640	14	100/105				
K3500 6.2 Sierra XC		01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
		01.89- 01.93	110500	14	100/105				
		01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
		01.89- 01.93	110500	14	100/105				
K3500 6.5 Turbo		01.98- 01.00	112893	14	140	01.98- 01.00	112341	12	2.5
		01.93- 01.96	112639	14	100/105	01.92- 01.97	112341	12	2.5
		01.92- 01.97	110500	14	100/105				
		01.92- 01.94	112640	14	100/105				
K3500 6.5 Turbo Sierra		01.93- 01.96	112639	14	100/105	01.93- 01.97	112341	12	2.5
		01.93- 01.97	110500	14	100/105				
		01.93- 01.97	112640	14	100/105				
		01.93- 01.97	110500	14	100/105				
K3500 7.4		01.98- 01.00	112893	14	140	01.98- 01.00	112240	12	1.7
		01.88- 01.88	110984	14	100/105	01.88- 01.88	110217		
						01.88- 01.88	110216	12	1.4
		01.93- 01.96	112639	14	100/105	01.94- 01.97	112240	12	1.7
K3500 7.4 Sierra		01.96- 01.97	112893	14	140	01.89- 01.95	110216	12	1.4
		01.94- 01.95	110500	14	100/105	01.89- 01.93	110217		
		01.89- 01.93	110984	14	100/105				
K3500 7.4 Sierra XC		01.93- 01.96	112639	14	100/105	01.94- 01.97	112240	12	1.7
		01.96- 01.97	112893	14	140	01.89- 01.95	110216	12	1.4
		01.94- 01.95	110500	14	100/105	01.89- 01.93	110217		
P15/P1500 3.8		01.89- 01.93	110984	14	100/105				
		01.67- 01.69	110215#	14	90	01.67- 01.69	110217		
		01.67- 01.69	110075	14	60				
		01.68- 01.72	110215#	14	90	01.68- 01.72	110217		
P15/P1500 4.1		01.68- 01.72	110075	14	60	01.73- 01.74	110216	12	1.4
		01.73- 01.74	110505	14	75				
		01.67- 01.67	110215#	14	90				
		01.67- 01.67	110075	14	60				
P15/P1500 4.6		01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
		01.67- 01.67	110215#	14	90	01.67- 01.67	110217		
		01.67- 01.67	110075	14	60				
		01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
P15/P1500 7.4		01.72- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
		01.66- 01.70	110215#	14	90	01.66- 01.72	110217		
		01.66- 01.70	110075	14	60				
		01.72- 01.72	110233	14	63				
P25/P2500 4.6		01.67- 01.67	110215#	14	90				
		01.67- 01.67	110075	14	60				
		01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4
		01.67- 01.72	110215#	14	90	01.67- 01.72	110217		
P25/P2500 4.8		01.67- 01.72	110075	14	60				
		01.81- 01.89	110234	14	80				
		01.68- 01.69	110215#	14	90	01.68- 01.69	111258	12	
		01.68- 01.69	110075	14	60	01.68- 01.69	110217		
P25/P2500 5.0		01.73- 01.86	110505	14	75	01.73- 01.89	110216	12	1.4
		01.70- 01.72	110215#	14	90	01.70- 01.72	111258	12	
		01.70- 01.72	110075	14	60	01.87- 01.89	110983		
		01.87- 01.89	110984	14	100/105				
P25/P2500 5.7		01.80- 01.86	110234	14	80				
		01.82- 01.89	110233	14	63	01.89- 01.89	112341	12	2.5
		01.89- 01.89	112988	14	120				
		01.82- 01.89	110505	14	75				
P25/P2500 6.2		01.93- 01.96	112639	14	100/105				
		01.89- 01.91	110471	14	94				
		01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
		01.66- 01.72	110215#	14	90	01.66- 01.72	110217		
P35/P3500 3.9 Turbo		01.66- 01.72	110075	14	60				
		01.93- 01.96	112639	14	100/105	01.90- 01.95	110983		
						01.90- 01.95	111034	12	1.2
		01.96- 01.99	113005#	14	105	01.96- 01.99	112240	12	1.7
P35/P3500 4.3		01.67- 01.67	110215#	14	90				
		01.67- 01.67	110075	14	60				
		01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4
		01.81- 01.89	110234	14	80	01.67- 01.72	110217		
P35/P3500 4.6		01.67- 01.72	110215#	14	90				
		01.67- 01.72	110075	14	60				
		01.68- 01.69	110215#	14	90	01.68- 01.69	110217		
		01.68- 01.69	110075	14	60	01.68- 01.69	111258	12	
P35/P3500 4.8		01.73- 01.86	110505	14	75	01.73- 01.95	110216	12	1.4
		01.80- 01.86	110234	14	80	01.70- 01.72	111258	12	
		01.70- 01.72	110215#	14	90	01.87- 01.93	110983		
		01.70- 01.72	110075	14	60	01.94- 01.99	112240	12	1.7
P35/P3500 5.0		01.87- 01.93	110984	14	100/105				
		01.93- 01.96	112639	14	100/105				
		01.96- 01.99	113005#	14	105				
		01.94- 01.95	112644#	14	100/105				
P35/P3500 5.7		01.82- 01.93	110233	14	63	01.89- 01.93	112341	12	2.5
		01.89- 01.93	112988	14	120				
		01.82- 01.93	110505	14	75				
		01.99- 01.99	113005#	14	105	01.94- 01.99	112341	12	2.5
P35/P3500 6.2		01.94- 01.96	112639	14	100/105				
		01.94- 01.97	110500	14	100/105				
		01.98- 01.99	113005#	14	105	01.98- 01.99	112341	12	2.5
P35/P3500 6.5 Turbo		01.96- 01.99	113005#	14	105				
		01.96- 01.99	110502	14	100/105				
		01.96- 01.96	111090	14	105				
		01.96- 01.96	112639	14	100/105				
P35/P3500 7.4	[L19]	01.96- 01.96	112644#	14	100/105				
		01.73- 01.86	110505	14	75	01.73- 01.95	110216	12	1.4
		01.80- 01.86	110234	14	80	01.94- 01.99	112240	12	1.7
		01.93- 01.96	112639	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



		01.87- 01.89	110984	14	100/105					
		01.85- 01.86	110233	14	63					
		01.85- 01.85	110499	14	100/105					
		01.85- 01.85	110471	14	94					
		01.94- 01.97	112449#	14	105					
		01.94- 01.97	112632#	14	100/105					
		01.94- 01.97	111090	14	105					
		01.94- 01.95	112644#	14	100/105					
P35/P3500 7.4 Motor Home		01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4	
PB1000 2.5		01.64- 01.65	110215#	14	90					
		01.64- 01.65	110075	14	60					
PB1000 3.8		01.63- 01.63	110215#	14	90					
		01.63- 01.63	110075	14	60					
PB15 3.8		01.66- 01.66	110215#	14	90	01.66- 01.66	110217			
		01.66- 01.66	110075	14	60					
PB15 4.1		01.66- 01.66	110215#	14	90	01.66- 01.66	110217			
		01.66- 01.66	110075	14	60					
PB15 4.8		01.66- 01.66	110215#	14	90	01.66- 01.66	110217			
		01.66- 01.66	110075	14	60					
PB25 3.8		01.66- 01.66	110215#	14	90	01.66- 01.66	110217			
		01.66- 01.66	110075	14	60					
PB25 4.1		01.66- 01.66	110215#	14	90	01.66- 01.66	110217			
		01.66- 01.66	110075	14	60					
PB25 4.8		01.66- 01.66	110215#	14	90	01.66- 01.66	110217			
		01.66- 01.66	110075	14	60					
PB2500 3.8		01.63- 01.63	110215#	14	90					
		01.63- 01.63	110075	14	60					
R1500 4.3		01.87- 01.87	110233	14	63	01.87- 01.87	110216	12	1.4	
		01.87- 01.87	110471	14	94					
		01.87- 01.87	112640	14	100/105					
		01.87- 01.87	110500	14	100/105					
R1500 5.0		01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4	
		01.87- 01.87	112640	14	100/105					
		01.87- 01.87	110471	14	94					
		01.87- 01.87	110505	14	75					
R1500 5.0 Suburban		01.87- 01.87	110471	14	94	01.87- 01.87	110216	12	1.4	
		01.87- 01.87	112640	14	100/105					
		01.87- 01.87	110500	14	100/105					
		01.87- 01.87	110505	14	75					
R1500 5.7		01.87- 01.89	112627	14	100/105	01.87- 01.87	110216	12	1.4	
		01.87- 01.89	112629	14	100/105					
		01.87- 01.87	110471	14	94					
		01.87- 01.87	110984	14	100/105					
		01.87- 01.87	110505	14	75					
R1500 5.7 Suburban		01.87- 01.89	112629	14	100/105	01.87- 01.91	110216	12	1.4	
		01.87- 01.91	110505	14	75					
		01.87- 01.91	110471	14	94					
		01.87- 01.91	110984	14	100/105					
		01.87- 01.89	112627	14	100/105					
R1500 6.2		01.87- 01.87	110233	14	63					
		01.87- 01.87	110471	14	94					
		01.87- 01.87	110505	14	75					
R1500 6.2 Suburban		01.91- 01.91	110984	14	100/105	01.91- 01.91	112341	12	2.5	
		01.87- 01.90	110233	14	63					
		01.87- 01.90	110471	14	94					
		01.87- 01.90	110505	14	75					
R2500 4.3		01.87- 01.87	110233	14	63	01.87- 01.87	110216	12	1.4	
		01.87- 01.87	110471	14	94					
		01.87- 01.87	112640	14	100/105					
		01.87- 01.87	110500	14	100/105					
R2500 4.8		01.87- 01.88	110505	14	75	01.87- 01.88	110216	12	1.4	
		01.87- 01.88	110508	14	78					
R2500 5.0		01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4	
		01.87- 01.87	112640	14	100/105					
		01.87- 01.87	110505	14	75					
		01.87- 01.87	110471	14	94					
R2500 5.7		01.87- 01.89	112627	14	100/105	01.87- 01.89	110216	12	1.4	
		01.87- 01.89	112629	14	100/105					
		01.87- 01.89	110984	14	100/105					
		01.87- 01.89	110471	14	94					
		01.87- 01.89	110505	14	75					
R2500 5.7 Suburban		01.87- 01.89	112627	14	100/105	01.87- 01.91	110216	12	1.4	
		01.87- 01.89	112629	14	100/105					
		01.87- 01.91	110471	14	94					
		01.87- 01.91	110984	14	100/105					
		01.87- 01.91	110505	14	75					
R2500 6.2		01.87- 01.89	110471	14	94					
		01.87- 01.89	110233	14	63					
		01.87- 01.89	110505	14	75					
R2500 6.2 Suburban		01.87- 01.90	110233	14	63	01.91- 01.91	112341	12	2.5	
		01.87- 01.90	110471	14	94					
		01.87- 01.90	110505	14	75					
		01.91- 01.91	110984	14	100/105					
R2500 7.4		01.87- 01.89	110471	14	94	01.87- 01.89	110216	12	1.4	
		01.87- 01.89	110233	14	63					
		01.87- 01.89	110505	14	75					
R2500 7.4 Suburban		01.88- 01.91	110984	14	100/105	01.87- 01.91	110216	12	1.4	
		01.87- 01.91	110471	14	94					
		01.87- 01.91	110233	14	63					
		01.87- 01.91	110505	14	75					
R3500 4.8		01.87- 01.88	110508	14	78	01.87- 01.88	110216	12	1.4	
		01.87- 01.88	110505	14	75					
R3500 5.7		01.87- 01.89	112627	14	100/105	01.87- 01.91	110216	12	1.4	
		01.87- 01.89	112629	14	100/105					
		01.87- 01.91	110471	14	94					
		01.87- 01.91	110984	14	100/105					
		01.87- 01.91	110505	14	75					
R3500 6.2		01.87- 01.90	110233	14	63	01.91- 01.91	112341	12	2.5	
		01.87- 01.90	110471	14	94					
		01.87- 01.90	110505	14	75					
		01.91- 01.91	110984	14	100/105					
R3500 7.4		01.87- 01.91	110505	14	75	01.87- 01.89	110217			
		01.87- 01.91	110233	14	63	01.87- 01.91	110216	12	1.4	
		01.87- 01.91	110471	14	94					
S15 1.9		01.82- 01.85	110505	14	75	01.82- 01.85	110477#	12	1.2	
S15 1.9 Jimmy		01.83- 01.84	110505	14	75	01.83- 01.84	110477#	12	1.2	
S15 2.0		01.83- 01.84	110233	14	63					
		01.83- 01.84	110471	14	94					
		01.83- 01.84	110505	14	75					
S15 2.0 Jimmy		01.83- 01.84	110233	14	63					
		01.83- 01.84	110471	14	94					
		01.83- 01.84	110505	14	75					
S15 2.2		01.84- 01.85	110471	14	94	01.84- 01.85	111683	12	2.0	
		01.84- 01.85	110508	14	78					
S15 2.5		01.85- 01.90	110505	14	75					
		01.85- 01.90	110471	14	94					
S15 2.5 Jimmy		01.85- 01.88	110505	14	75					
		01.85- 01.88	110471	14	94					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

GMC Continued

S15 2.8		01.86- 01.90	112126#	14	105	01.84- 01.90	111034	12	1.2
		01.82- 01.85	110505	14	75				
		01.84- 01.85	110471	14	94				
S15 2.8 Jimmy		01.86- 01.89	112126#	14	105	01.84- 01.89	111034	12	1.2
		01.83- 01.85	110505	14	75				
		01.83- 01.85	110471	14	94				
S15 4.3		01.88- 01.90	110500	14	100/105	01.88- 01.90	111034	12	1.2
		01.88- 01.90	112338	14	105	01.88- 01.90	111040		
		01.93- 01.94	112639	14	100/105	01.88- 01.94	111034	12	1.2
S15 4.3 Jimmy		01.91- 01.94	110500	14	100/105	01.88- 01.90	111040		
		01.91- 01.94	110985	14	100/105				
		01.88- 01.90	112338	14	105				
Safari 2.5		01.85- 01.90	110505	14	75	01.85- 01.90	110221	12	1.2
		01.85- 01.90	110471	14	94				
Safari 4.3		01.85- 01.85	110233	14	63	01.99- 01.03	112241	12	1.5
		01.85- 01.85	110471	14	94	01.85- 01.03	112240	12	1.7
		01.85- 01.85	110505	14	75	01.85- 01.92	110216	12	1.4
		01.98- 12.00	112665	14	100	01.90- 01.94	111034	12	1.2
		01.93- 01.94	112639	14	100/105				
		01.94- 01.94	111223	14	105				
		01.90- 01.94	111711	14	105				
		01.87- 01.89	112337	14	105				
		01.87- 01.90	112621#	14	100/105				
		01.86- 01.89	112126#	14	105				
		01.01- 01.03	112850	14	105				
Safari 4.3 XT		01.93- 01.96	112639	14	100/105	01.90- 01.97	112240	12	1.7
		01.94- 01.94	111223	14	105	01.91- 01.96	111034	12	1.2
		01.90- 01.96	111711	14	105	01.90- 01.92	110216	12	1.4
		01.96-	111712	14	105				
Savana 4.3 1500		01.01- 01.02	112853	14	130	01.99- 01.02	112241	12	1.5
		01.96- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
Savana 4.3 2500		01.01- 01.02	112853	14	130	01.99- 01.02	112241	12	1.5
		01.99- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
Savana 4.8 2500		01.03-	112853	14	130				
Savana 5.0 1500		01.01- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
		01.97- 01.00	112893	14	140				
Savana 5.0 2500		01.01- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
		01.99- 01.00	112893	14	140				
Savana 5.3 1500		01.03-	112853	14	130				
Savana 5.3 2500		01.03-	112853	14	130				
Savana 5.7 1500		01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
		01.99- 01.01	112893	14	140				
Savana 5.7 2500		01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
		01.99- 01.01	112893	14	140				
Savana 5.7 3500		01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
		01.99- 01.01	112893	14	140				
Savana 6.0 2500		01.03-	112853	14	130				
Savana 6.0 3500		01.03-	112853	14	130				
Savana 6.5 Turbo 2500	[L65]	01.01-	112853	14	130				
		01.96- 12.99	112893	14	140				
Savana 6.5 Turbo 3500	[L65]	01.99- 01.02	112893	14	140				
Savana 7.4 3500		01.99- 01.00	112893	14	140	01.99- 01.00	112240	12	1.7
Savana 8.1 3500		01.01- 01.02	112853	14	130	01.01- 01.02	112240	12	1.7
Savana 2500 4.3		01.96-	111712	14	105				
Sierra 4.3		01.96-	111712	14	105				
Sierra 4.3 1500		01.99- 01.03	112853	14	130	01.00- 01.02	112241	12	1.5
		01.99- 01.02	112850	14	105	01.99- 01.99	111034	12	1.2
Sierra 4.3 AWD		01.96-	111712	14	105				
Sierra 4.8 1500		01.99- 01.03	112853	14	130	01.99- 01.03	112902	12	1.2
		01.99- 01.02	112850	14	105				
Sierra 5.3 1500		01.99- 01.03	112853	14	130	01.99- 01.03	112902	12	1.2
		01.99- 01.02	112850	14	105				
Sierra 5.3 2500		01.99- 01.00	112853	14	130	01.99- 01.00	112902	12	1.2
		01.99- 01.00	112850	14	105				
Sierra 5.3 1500		01.02-	112853	14	130				
		01.02-	112850	14	105				
Sierra 6.0 1500 HD		01.01- 01.03	112853	14	130	01.01- 01.03	112240	12	1.7
		01.01- 01.02	112850	14	105	01.01- 01.03	112906	12	1.7
Sierra 6.0 1500 HD SLE		01.05-	112853	14	130	01.05-	112240	12	1.7
Sierra 6.0 1500 HD SLT		01.05-	112853	14	130	01.05-	112240	12	1.7
Sierra 6.0 2500		01.99- 01.03	112853	14	130	01.99- 01.03	112240	12	1.7
		01.99- 01.02	112850	14	105	01.03- 01.03	112906	12	1.7
						01.00- 01.02	112898	12	1.6
Sierra 6.0 2500 HD		01.01- 01.03	112853	14	130	01.01- 01.03	112240	12	1.7
		01.01- 01.02	112850	14	105	01.01- 01.03	112906	12	1.7
Sierra 6.0 3500		01.01- 01.03	112853	14	130	01.01- 01.03	112240	12	1.7
		01.01- 01.02	112850	14	105	01.01- 01.03	112906	12	1.7
Sierra 6.0 C3		01.01- 01.01	112853	14	130	01.01- 01.01	112240	12	1.7
		01.01- 01.01	112850	14	105	01.01- 01.01	112906	12	1.7
Sierra 6.0 Denali		01.02- 01.03	112853	14	130	01.02- 01.03	112240	12	1.7
		01.02- 01.03	112850	14	105	01.02- 01.03	112906	12	1.7
Sierra 6.6 Turbo 2500 HD		01.01- 01.03	112853	14	130				
		01.01- 01.02	112850	14	105				
Sierra 6.6 Turbo 3500		01.01- 01.03	112853	14	130				
		01.01- 01.02	112850	14	105				
Sierra 8.1 2500 HD		01.01- 01.03	112853	14	130	01.01- 01.02	112240	12	1.7
		01.01- 01.02	112850	14	105				
Sierra 8.1 3500		01.01- 01.03	112853	14	130	01.01- 01.02	112240	12	1.7
		01.01- 01.02	112850	14	105				
Sierra 1500 6.0 CLASSIC SLE						01.07-	112240	12	1.7
Sierra 1500 6.0 CLASSIC SLT						01.07-	112240	12	1.7
Sierra 1500 6.0 SLE	[L76]					01.07-	112240	12	1.7
						01.06-	112240	12	1.7
Sierra 1500 6.0 SLT	[L76]					01.07-	112240	12	1.7
						01.06-	112240	12	1.7
SIERRA 1500 HD 6.0 Classic SLE						01.07-	112240	12	1.7
SIERRA 1500 HD 6.0 Classic SLT						01.07-	112240	12	1.7
SIERRA 1500 HD 6.0 SLE						01.06-	112240	12	1.7
SIERRA 1500 HD 6.0 SLT						01.06-	112240	12	1.7
SIERRA 2500 6.0						01.02-	112240	12	1.7
SIERRA 2500 6.0						01.02-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic SL						01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic SLE						01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic SLT						01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 Classic WT						01.07-	112240	12	1.7
SIERRA 2500 HD 6.0 SL						01.06-	112240	12	1.7
Sierra 2500 HD 6.0 SLE						01.06-	112240	12	1.7
Sierra 2500 HD 6.0 SLT						01.06-	112240	12	1.7
Sierra 2500 HD 6.0 WT						01.06-	112240	12	1.7
Sierra 2500 HD 6.0						01.02-	112240	12	1.7
Sierra 2500 HD 6.0						01.02-	112240	12	1.7
SIERRA 3500 6.0 Classic SL						01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic SLE						01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic SLT						01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic WT						01.07-	112240	12	1.7
SIERRA 3500 6.0 SL						01.06-	112240	12	1.7
SIERRA 3500 6.0 SLE						01.06-	112240	12	1.7
SIERRA 3500 6.0 SLT						01.06-	112240	12	1.7

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SIERRA 3500 6.0 WT						01.06-	112240	12	1.7	
Sierra 3500 6.0						01.03-	112240	12	1.7	
Sierra 3500 HD 6.0 SLE						01.07-	112240	12	1.7	
Sierra 3500 HD 6.0 SLT						01.07-	112240	12	1.7	
Sierra 3500 HD 6.0 WT						01.07-	112240	12	1.7	
Sierra Denali 6.0						01.05-	112240	12	1.7	
SIERRA DENALI 6.0 Classic						01.07-	112240	12	1.7	
Sonoma 2.2	01.94-	01.98	112614	14	105	01.94-	01.98	112911	12	1.6
Sonoma 2.5	01.90-	01.93	112621#	14	100/105					
	01.91-	01.93	112448	14	100					
	01.91-	01.93	112624							
	01.91-	01.93	110499	14	100/105					
	01.90-	01.93	112338	14	105					
Sonoma 2.8	01.90-	01.93	112338	14	105	01.91-	01.93	111034	12	1.2
	01.91-	01.93	111202#	14	85					
Sonoma 2.8 GT						01.92-	01.92	111034	12	1.2
Sonoma 4.3	01.03-	01.03	114139	14	100	01.91-	01.03	112240	12	1.7
	01.93-	01.96	112639	14	100/105	01.98-	01.03	112241	12	1.5
	01.96-		111712	14	105	01.91-	01.95	111034	12	1.2
	01.94-	01.95	112613	14	105					
	01.91-	01.95	110500	14	100/105					
	01.91-	01.95	110985	14	100/105					
Sonoma 4.3 GT	01.92-	01.92	110500	14	100/105	01.92-	01.92	112240	12	1.7
						01.92-	01.92	111034	12	1.2
Sprint 5.0	01.73-		110505	14	75					
	01.72-		110233	14	63					
	01.71-		110075	14	60					
	01.71-		110215#	14	90					
Sprint 6.6	01.72-		110233	14	63					
	01.71-		110075	14	60					
	01.71-		110215#	14	90					
Sprint 4.1	01.72-	01.77	110505	14	75	01.75-	01.77	110216	12	1.4
	01.72-	01.72	110233	14	63	01.71-	01.72	110217		
	01.71-	01.71	110215#	14	90					
	01.71-	01.71	110075	14	60					
Sprint 4.1 Custom	01.72-	01.77	110505	14	75	01.75-	01.77	110216	12	1.4
	01.72-	01.72	110233	14	63	01.72-	01.72	110217		
Sprint 5.0	01.77-	01.77	110505	14	75	01.77-	01.77	110216	12	1.4
Sprint 5.0 Custom	01.77-	01.77	110505	14	75	01.77-	01.77	110216	12	1.4
Sprint 5.7	01.72-	01.77	110505	14	75	01.72-	01.72	110216	12	1.4
	01.72-	01.72	110233	14	63	01.71-	01.72	111258	12	
	01.71-	01.71	110215#	14	90					
	01.71-	01.71	110075	14	60					
Sprint 5.7 Custom	01.72-	01.77	110505	14	75	01.72-	01.72	110216	12	1.4
	01.72-	01.72	110233	14	63	01.72-	01.72	111258	12	
Sprint 6.6	01.74-	01.76	110505	14	75	01.76-	01.76	110216	12	1.4
Sprint 6.6 Custom	01.74-	01.76	110505	14	75	01.76-	01.76	110216	12	1.4
Sprint 7.4	01.73-	01.74	110505	14	75					
	01.93-	01.96	112639	14	100/105					
	01.71-		110075	14	60					
	01.71-		110215#	14	90					
Sprint 7.4 Custom	01.73-	01.75	110505	14	75					
	01.93-	01.96	112639	14	100/105					
	01.72-		110233	14	63					
Syclone 4.3 Turbo	01.91-	01.91	110985	14	100/105	01.91-	01.91	111034	12	1.2
	01.91-	01.91	110500	14	100/105					
Truck 4.7	01.55-	01.55	110505	14	75					
Truck 5.5	01.58-	01.59	110505	14	75					
Truck 5.7	01.57-	01.57	110505	14	75					
Typhoon 4.3 Turbo	01.93-	01.93	112639	14	100/105	01.92-	01.93	111034	12	1.2
	01.92-	01.93	110500	14	100/105					
V1500 4.3	01.87-	01.87	110233	14	63	01.87-	01.87	110217		
	01.87-	01.87	110500	14	100/105	01.87-	01.87	110216	12	1.4
	01.87-	01.87	112640	14	100/105					
	01.87-	01.87	110471	14	94					
V1500 5.0	01.87-	01.87	110505	14	75	01.87-	01.87	110216	12	1.4
	01.87-	01.87	112640	14	100/105					
	01.87-	01.87	110500	14	100/105					
	01.87-	01.87	110471	14	94					
V1500 5.7	01.87-	01.89	112627	14	100/105	01.87-	01.87	110217		
	01.87-	01.89	112629	14	100/105	01.87-	01.87	110216	12	1.4
	01.87-	01.87	110505	14	75					
	01.87-	01.87	110984	14	100/105					
	01.87-	01.87	110471	14	94					
V1500 5.7 Suburban	01.87-	01.89	112627	14	100/105	01.87-	01.91	110217		
	01.87-	01.89	112629	14	100/105	01.87-	01.90	110216	12	1.4
	01.91-	01.91	112338	14	105					
	01.91-	01.91	110500	14	100/105					
	01.87-	01.90	110471	14	94					
	01.87-	01.90	110984	14	100/105					
	01.87-	01.90	110505	14	75					
V1500 6.2	01.87-	01.87	110233	14	63					
	01.87-	01.87	110471	14	94					
	01.87-	01.87	110505	14	75					
V1500 6.2 Suburban	01.91-	01.91	110984	14	100/105					
	01.87-	01.90	110233	14	63					
	01.87-	01.90	110471	14	94					
	01.87-	01.90	110505	14	75					
V2500 4.8	01.87-	01.87	110505	14	75	01.87-	01.87	110216	12	1.4
	01.87-	01.87	110508	14	78	01.87-	01.87	110217		
V2500 5.7	01.87-	01.89	112627	14	100/105	01.87-	01.87	110216	12	1.4
	01.87-	01.89	112629	14	100/105	01.87-	01.87	110217		
	01.87-	01.87	110984	14	100/105					
	01.87-	01.87	110471	14	94					
	01.87-	01.87	110505	14	75					
V2500 5.7 Suburban	01.87-	01.89	112627	14	100/105	01.87-	01.91	110217		
	01.87-	01.89	112629	14	100/105	01.87-	01.90	110216	12	1.4
	01.91-	01.91	110500	14	100/105					
	01.91-	01.91	112338	14	105					
	01.87-	01.90	110505	14	75					
	01.87-	01.90	110471	14	94					
	01.87-	01.90	110984	14	100/105					
V2500 6.2	01.87-	01.87	110233	14	63					
	01.87-	01.87	110471	14	94					
	01.87-	01.87	110505	14	75					
V2500 6.2 Suburban	01.91-	01.91	110984	14	100/105					
	01.87-	01.90	110471	14	94					
	01.87-	01.90	110233	14	63					
	01.87-	01.90	110505	14	75					
V3500 4.8	01.87-	01.88	110505	14	75	01.87-	01.88	110216	12	1.4
	01.87-	01.88	110508	14	78	01.87-	01.88	110217		
V3500 5.7	01.87-	01.89	112627	14	100/105	01.87-	01.91	110216	12	1.4
	01.87-	01.89	112629	14	100/105	01.87-	01.91	110217		
	01.87-	01.91	110505	14	75					
	01.87-	01.91	110471	14	94					
	01.87-	01.91	110984	14	100/105					

Application list



Application list

**GMC Continued**

V3500 6.2		01.91- 01.91	110984	14	100/105		01.91- 01.91	112341	12	2.5
		01.87- 01.90	110233	14	63					
		01.87- 01.90	110471	14	94					
		01.87- 01.90	110505	14	75					
V3500 7.4		01.87- 01.91	110471	14	94		01.87- 01.91	110216	12	1.4
		01.87- 01.91	110233	14	63		01.87- 01.91	110217		
		01.87- 01.91	110505	14	75					
Yukon 4.8		01.00- 01.03	112853	14	130		01.00- 01.02	112902	12	1.2
		01.00- 01.02	112850	14	105					
Yukon 5.3		01.00- 01.03	112853	14	130		01.00- 01.02	112902	12	1.2
		01.00- 01.02	112850	14	105					
Yukon 5.3 XL 1500		01.00- 01.03	112853	14	130		01.00- 01.03	112902	12	1.2
Yukon 5.3 XL 2500		01.00- 01.00	112853	14	130		01.00- 01.00	112902	12	1.2
Yukon 5.3		01.02- 01.03	112853	14	130		01.02- 01.02	112902	12	1.2
		01.02- 01.02	112850	14	105					
Yukon 5.3 XL 1500		01.02- 01.03	112853	14	130		01.02- 01.03	112902	12	1.2
		01.02- 01.02	112850	14	105					
Yukon 5.7		01.96- 01.00	112893	14	140		01.99- 01.00	112912	12	1.6
		01.93- 01.96	112639	14	100/105		01.92- 01.00	112240	12	1.7
		01.96- 01.00	111712	14	105		01.92- 01.94	110216	12	1.4
		01.92- 01.95	110500	14	100/105		01.92- 01.94	110217		
		01.92- 01.94	112338	14	105					
Yukon 5.7 Denali		01.99- 01.00	112893	14	140		01.99- 01.00	112240	12	1.7
							01.99- 01.00	112912	12	1.6
Yukon 5.7 SLE							01.99- 01.00	112240	12	1.7
Yukon 5.7 SLT							01.99- 01.00	112240	12	1.7
Yukon 6.0 Denali		01.01- 01.00	112853	14	130					
		01.02- 01.00	112850	14	105					
Yukon 6.0 Denali XL		01.01- 01.00	112853	14	130					
		01.01- 01.00	112850	14	105					
Yukon 6.0 XL 2500		01.00- 01.03	112853	14	130		01.00- 01.03	112906	12	1.7
		01.00- 01.03	112850	14	105					
Yukon 6.0 XL 2500 SLE		01.05- 01.00	112853	14	130					
Yukon 6.0 XL 2500 SLT		01.05- 01.00	112853	14	130					
Yukon 6.5 Turbo		01.99- 01.99	112893	14	140		01.94- 01.99	112341	12	2.5
		01.94- 01.96	112639	14	100/105					
		01.96- 01.00	111712	14	105					
		01.94- 01.97	110500	14	100/105					
Yukon 8.1 XL 2500		01.01- 01.03	112853	14	130		01.03- 01.06	113730	12	1.4
							01.01- 01.02	112240	12	1.7
Yukon 8.1 XL 2500 SLE		01.05- 01.00	112853	14	130		01.03- 01.06	113730	12	1.4
Yukon 8.1 XL 2500 SLT		01.05- 01.00	112853	14	130		01.03- 01.06	113730	12	1.4
2.2							01.99- 01.00	112900	12	1.4
2.2							01.00- 01.02	112900	12	1.4
3.8		01.63- 01.67	110215#	14	90					
		01.63- 01.67	110075	14	60					
4.1		01.66- 01.67	110215#	14	90					
		01.66- 01.67	110075	14	60					
4.3		01.01- 01.02	114139	14	100		01.99- 01.02	112240	12	1.7
		01.98- 01.00	112665	14	100		01.99- 01.02	112241	12	1.5
4.8		01.66- 01.67	110215#	14	90					
		01.66- 01.67	110075	14	60					
5.0		01.76- 01.76	110234	14	80		01.76- 01.76	110216	12	1.4
		01.76- 01.76	110505	14	75					
5.0 Custom		01.76- 01.76	110234	14	80		01.76- 01.76	110216	12	1.4
		01.76- 01.76	110505	14	75					
5.4		01.67- 01.67	110215#	14	90					
		01.67- 01.67	110075	14	60					
<b>PASSENGER CARS AO</b>										
Jimmy 4.3 4x4		01.93- 01.96	112639	14	100/105					
Suburban 5.7	[L05]	01.96- 01.00	111712	14	105					
Suburban 6.5 TDI	[L56]	01.96- 01.00	111712	14	105					
Suburban 6.5 TDI AWD	[L56]	01.96- 01.00	111712	14	105					
<b>TRUCKS US</b>										
Various Models 6.0	[GM]						01.96- 01.98	113006#	12	1.7
Various Models 7.0	[GM]						01.96- 01.98	113006#	12	1.7
Various Models 7.4	[GM]						01.99- 01.00	113006#	12	1.7
Various Models 8.1 V8							01.02- 01.06	113730	12	1.4
							01.01- 01.02	113006#	12	1.7
Various Models 8.2							01.86- 01.88	113123#	12	
							01.86- 01.88	112258	12	
Various Models	[Caterpillar 3116]						01.00- 01.02	113126	12	
	[Caterpillar 3208]	01.90- 01.93	112991	14	130					
Various Models	[Caterpillar 3126]						01.97- 01.02	113126	12	
<b>Gmeinder</b>										
<b>MISC.</b>										
Various Models							01.71- 12.80	110531	24	6.6
<b>Goldoni</b>										
<b>AGRICULTURE</b>										
25 1.0 Diesel	[12LD475]	11.90- 12.91	111662	14	33		11.90- 12.91	112034	12	1.7
35 1.3 Diesel	[8LD665.2]	03.91- 01.00	111662	14	33					
49 0.4	[6LD..]						11.90- 01.00	113034#		
50 1.9 Diesel	[11LD626]	11.90- 01.00	111662	14	33					
60 2.0 Diesel	[VM-RA 394]	11.90- 01.00	110077	14	50					
		11.90- 01.00	110641	14	33					
149 0.6	[RF140]						06.84- 06.99	112034	12	1.7
238 1.6 Diesel		01.77- 01.00	111662	14	33					
245 1.9 Diesel	[11LD 625.3]	01.89- 01.00	111662	14	33					
718 0.7	[7LD665]						01.74- 06.82	113268	12	1.6
938 1.7 Diesel	[5LD 825.2]	09.88- 04.90	111662	14	33					
1038 1.7 Diesel		01.80- 12.85	111662	14	33					
1055 1.8 Diesel	[VM-RA 394]	03.87- 04.90	110641	14	33					
3050 1.8 Diesel	[VM-RA 394]	04.86- 06.91	110641	14	33					
3050 2.1 Diesel	[VM-HR 394]	06.91- 01.00	112768	14	55					
3070 2.1 Diesel	[VM-HR 394]	06.91- 01.00	112768	14	55					
	[VM-RA 394]	06.90- 06.91	110641	14	33					
3445 1.9 Diesel	[11LD 625.3]	10.88- 01.00	111662	14	33					
40 B 1.6 Diesel	[11LD 535.3]	06.91- 01.00	111662	14	33					
50 B 1.9 Diesel	[11LD 626.3]	06.91- 01.00	111662	14	33					
55 B 2.0 Diesel	[VM-HR 394HP]	09.91- 01.00	112768	14	55					
933 DT 1.3 Diesel	[8LD665.2]	09.88- 01.00	111662	14	33					
945 DT 1.9 Diesel	[11LD 625.3]	04.90- 01.00	111662	14	33					
945 RS 1.9 Diesel	[11LD 625.3]	04.90- 01.00	111662	14	33					
Cingolato C45 2.0 Diesel	[VM-RA 394]	04.91- 01.00	110641	14	33					
		04.91- 01.00	112768	14	55					
Cingolato C60 3.0 Diesel	[VM-SUN 3105]	04.91- 01.00	110641	14	33					
		04.91- 01.00	112768	14	55					
FC90D 0.4	[6LD..]						04.91- 02.92	112034	12	1.7



Various Models					01.74- 06.82	113268	12	1.6	
						112171	12	1.1	
					01.74-	112034	12	1.7	
					06.91-	110844	12	2.2	
					04.82-	110813	12	2.7	
						113381	12	2.5	
<b>Hanomag</b>									
<b>INDUSTRY</b>									
22C 4.1		02.80-	110043	28	45	02.80- 12.95	112670	24	4.0
33C 5.8	[A6.354.4]	02.80-	110043	28	45	07.80- 07.95	112670	24	4.0
44 C 7.2	[D943..]					02.80- 07.92	111003	24	5.4
55C 10.8	[D963B]					01.81- 03.96	111003	24	5.4
55C 9.5	[D962B]					02.80- 03.96	111003	24	5.4
600 D 9.5	[D962K]					02.80- 03.96	111003	24	5.4
66 C 10.8 Turbo	[D963A..]					02.80- 03.96	111003	24	5.4
700 D 10.8 Turbo	[D963A..]					04.80- 03.96	111003	24	5.4
77 C 10.8 Turbo	[D963A..]					02.80- 03.96	111003	24	5.4
<b>Harley Davidson</b>									
<b>MOTORBIKES</b>									
Various Models 0.8						01.91- 01.07	111838		
Various Models 1.0						01.79- 01.84	111919		
						01.75- 01.85	111835	12	
Various Models 1.2						01.91- 01.07	111838		
						01.75- 01.80	111836	12	0.8
						01.75- 01.80	111835	12	
Various Models 1.3						01.94- 01.06	111839	12	1.2
						01.91- 01.94	111845	12	1.2
						01.89- 01.90	111837	12	1.0
						01.79- 01.83	111835	12	
						01.79- 01.88	111836	12	0.8
Various Models 1.4						01.94- 01.06	111839	12	1.2
<b>Hattat Tarim</b>									
<b>AGRICULTURE</b>									
A-Series							114388	12	3.2 IS
							113655	12	3.0 MA
<b>Hatz</b>									
<b>MARINE</b>									
Various Models						06.81-	112173	12	2.7
<b>MOTORS</b>									
Engine 0.3	[1D20]					04.89-	114106	12	1.6
Engine 0.4	[1D30]					04.89-	114106	12	1.6
	[1D40]					04.89-	114106	12	1.6
Engine	[1D81]						113982	12	2.0
Stationnaires 0.5 74	[1D60]					04.89- 08.90	112040	12	1.5
Stationnaires 0.6	[E785]					01.60- 12.79	112542	12	1.35
	[E5785]					01.60- 12.79	112542	12	1.35
Stationnaires 0.7 73	[1D80]					04.89- 08.90	112040	12	1.5
Stationnaires 1.4	[2L30.]					03.77- 12.89	112173	12	2.7
Stationnaires 2.3			110362						
			111226	14	55				
Stationnaires 2.4			111226	14	55				
Stationnaires 2.8 50	[4L30C]					03.77- 02.89	112173	12	2.7
Stationnaires 2.8 51	[4L30S]					03.77- 02.89	112173	12	2.7
Stationnaires 3.3			111226	14	55				
Stationnaires 4.3			111226	14	55				
Stationnaires	[2G30]					01.87-	112034	12	1.7
	[2G40]					03.89-	112034	12	1.7
Various Models							114117	12	1.0
							114276	12	1.0
<b>Hillman</b>									
<b>PASSENGER CARS EU</b>									
Various Models						01.64- 01.73	111103	12	0.8
<b>Hino</b>									
<b>TRUCKS EU</b>									
EM100 Diesel							114344	24	6.0
EPT00 Diesel							114344	24	6.0
FA14 3.8						01.88- 01.91	113214	12	2.5
FA15 3.8						01.88- 01.95	113214	12	2.5
FB14 3.8						01.85- 01.95	113214	12	2.5
FB15 3.8						01.88- 01.95	113214	12	2.5
FD1J	[J07C]					01.99-	114436	24	5.0
FE1J	[J06C]						114436	24	5.0
	[J07C]					01.99-	114436	24	5.0
KK-FC1	[J06C]					01.99-	114436	24	5.0
Trucks Diesel	[750]	01.89-	114423	28	55		114345	24	6.0
Trucks Diesel 12.9	[K13C]						114345	24	6.0
	[K13D]						114345	24	6.0
Trucks Diesel 13.3	[EK100]	01.89-	114414	28	55		114345	24	6.0
Trucks Diesel 16.3	[EF550]	01.89-	114414	28	55		114345	24	6.0
Trucks Diesel 19.7	[F20C]						114345	24	6.0
Trucks Diesel 6.0	[W06E]	01.89-	114423	28	55	01.89-	114441	24	5.5
Trucks Diesel 7.4	[H07D]	01.89-	114423	28	55				
Trucks Diesel 8.0	[J08C]	01.89-	114423	28	55				
Various Models						01.84-	114017	24	5.5
						01.84-	114421	24	6.0
						01.84-	114337	12	4.5
<b>F TRUCKS AO</b>									
EM100 Diesel							114344	24	6.0
EPT00 Diesel							114344	24	6.0
Various Models						01.84-	114017	24	5.5
						01.84-	114337	12	4.5
						01.84-	114421	24	6.0
<b>MOTORS</b>									
Various Models	[W04]						113130	24	4.5
	[W06]						113130	24	4.5
<b>Hitachi</b>									
<b>AGRICULTURE</b>									
Zaxis 135US	[4BG1TC]						114324	24	4.5
Zaxis 200 Forester	[4BG1T]	01.99-	113886	28	50				
Zaxis 250 Forester	[4BG1T]	01.99-	113886	28	50				
<b>Holden</b>									
<b>PASSENGER CARS AO</b>									
Astra 1.8	[Z18XER]	04.07-	114431	14	120				
Astra 2.0 Turbo	[Z20LET]	06.02-	112416	14	100	06.02-	111848	12	1.0
Captiva 3.2 AWD		12.08-	114235	14	120				
Captiva 3.2 Executive 4WD		12.06-	114235	14	120				
Commodore 5.0		10.90- 08.97	114413	14	85				
Vectra 2.2	[Z22SE]	04.02-	112416	14	100				
Vectra 2.6	[Y26SE]	07.00- 07.02	113264	14	140				
Vectra 3.2	[Z32SE]	08.02-	113264	14	140				
Zafira 2.2	[Z22SE]	07.00- 02.06	113352	14	120	07.00- 02.06	114124	12	1.8
<b>Honda</b>									
<b>PASSENGER CARS EU</b>									
Accord 1.6	[EZ]	09.83- 10.85	110677#	14	60	09.83- 10.85	110322		
	[A16A1]	11.85- 12.89	111577#	14	65	11.85- 12.89	110322		
	[EL]					12.78- 08.91	110247		
	[EG]					05.76- 12.78	110145#	12	1.0
	[EL]					05.76- 08.81	110146		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

HONDA Continued

Accord 1.6 L	[A16A1]	11.85- 12.89	111577#	14	65	11.85- 12.89	110322		
Accord 1.6 i	[D16B6]	10.98-	112073	14	80	10.98-	112476	12	1.0
Accord 1.8	[E11]	09.83- 10.85	110677#	14	60	09.83- 10.85	110322		
Accord 1.8 i	[F18A3]					AT 02.96-	111442	12	1.4
						02.96-	112214	12	1.6
	[F18B2]	10.98-	112073	14	80	10.98-	112476	12	1.0
						10.98-	112217	12	1.0
Accord 2.0	[A20A1]	11.85- 12.89	111577#	14	65	05.87- 12.89	111458#	12	1.4
						AT 11.85- 12.89	111543	12	1.4
						11.85- 12.89	110322		
	[A20A2]	11.85- 12.89	111577#	14	65	AT 11.85- 12.89	111543	12	1.4
						11.85- 12.89	111458#	12	1.4
	[A20A3]	10.87- 12.89	111577#	14	65	10.87- 12.89	111458#	12	1.4
	[A20A4]	11.85- 12.89	111429#	14	65	AT 11.85- 12.89	111543	12	1.4
		11.85- 12.89	111577#	14	65	11.85- 12.89	111458#	12	1.4
	[F20B3]					09.93- 12.97	112214	12	1.6
	[A20A2]					11.85- 12.89	110322		
	[F20B6]	12.99-	112073	14	80				
	[K20A]	AC 02.03-	114272	14	100				
	[R20A]					07.08-	114389	12	1.0
Accord 2.0 4WD	[K20A]	02.03-	114272	14	100				
Accord 2.0 16V	[F20A2]					01.90-	112214	12	1.6
	[F20A6]	AC				01.90-	112214	12	1.6
	[F20A2]	01.90- 02.93	111432	14	70				
	[F20A6]	01.90- 02.93	111432	14	70				
Accord 2.0 i 16V	[B20A2]	10.87- 12.89	110676#	14	65	10.87- 12.89	111543	12	1.4
	[B20A8]	10.87- 12.89	111578	14	60	AT 10.87- 12.89	111543	12	1.4
	[F20A4]	A14				01.90-	112214	12	1.6
	[F20A8]	A14				01.90- 02.93	112214	12	1.6
	[F20A7]	A14				01.92- 09.93	112214	12	1.6
	[F20Z1]	03.93-	112209	14	70	AT 03.93-	111442	12	1.4
	[F20Z3]	A14				03.93-	112214	12	1.6
	[B20A8]					10.87- 12.89	110322		
	[F20Z1]					03.93-	112214	12	1.6
Accord 2.0 i	[A20A3]	10.87- 12.89	111577#	14	65	10.87- 12.89	111458#	12	1.4
	[F20Z2]	09.95-	112209	14	70	03.93-	112214	12	1.6
	[A20A3]					AT 10.87- 12.89	111543	12	1.4
						10.87- 12.89	110322		
	[F20B3]					09.93- 02.98	112214	12	1.6
	[F20B5]	02.98-	112073	14	80	02.98-	112476	12	1.0
	[F20B6]	10.98-	112073	14	80	10.98-	112476	12	1.0
						10.98-	112217	12	1.0
	[F20B7]					02.98-	112476	12	1.0
Accord 2.0 i LS	[F20Z1]	02.96-	112209	14	70	AT 02.96-	111442	12	1.4
Accord 2.0 TD	[20T2N]	02.99-	112073	14	80	02.99-	112476	12	1.0
Accord 2.0 TDi	[20T2N]					04.96- 10.00	113361	12	1.7
Accord 2.2 Type-R	[H22A7]	09.98-	112073	14	80	09.98-	112476	12	1.0
Accord 2.2 i 16V	[F22A3]	A14				01.90-	112214	12	1.6
	[F22A7]	A14				01.91-	112213#	12	1.4
	[F22A8]	A14				01.91- 12.93	112213#	12	1.4
	[F22A3]								
	[F22A7]					01.91-	112214	12	1.6
	[F22A8]					01.91- 12.93	112214	12	1.6
Accord 2.2 i	[F22B5]					09.93- 02.98	112214	12	1.6
Accord 2.2 i-VTEC	[F22Z2]	09.95-	112209	14	70	AT 02.96-	111442	12	1.4
		A14							
Accord 2.3	[F23Z5]	11.00-	112073	14	80	01.01-	112476	12	1.0
Accord 2.3 i	[H23A3]					AT 03.93-	111442	12	1.4
						03.93-	112214	12	1.6
Accord 2.4	[K24A]	AC 02.03-	114272	14	100	02.03- 01.05	113821	12	1.6
Accord 2.4 Euro	[K24A3]	06.03-	114272	14	100				
Accord 2.4 VTEC		04.06- 07.08	114272	14	100				
Accord 3.0 V6 24V	[J30A1]					02.98- 01.02	113392	12	1.6
Civic 1.2	[D12B1]	12.83- 10.87	110927	14	55	12.83- 10.87	110312	12	1.0
						01.85- 10.87	111442	12	1.4
	[ZA2]	12.83- 10.87	110927	14	55	12.83- 10.87	110312	12	1.0
Civic 1.2 1200	[EB1]					07.72- 02.77	110145#	12	1.0
	[EB2]					03.77- 08.79	110145#	12	1.0
	[EB3]					09.77- 08.79	110145#	12	1.0
Civic 1.3	[EV2]	10.83- 10.87	110927	14	55	10.83- 10.87	110312	12	1.0
	[D13B2]	10.87- 09.91	111578	14	60	10.87- 09.91	110312	12	1.0
	[D13B1]					10.87- 12.89	110312	12	1.0
	[EN4]					09.81- 09.83	110146		
	[D13B1]	10.87- 12.89	111578	14	60				
	[EN4]								
	[EV2]					10.83- 10.87	111442	12	1.4
Civic 1.3 1300	[EN1]					09.79- 09.83	110145#	12	1.0
						09.79- 09.83	110146		
	[EN2]								
Civic 1.3 16V	[D13B2]					10.91-	110312	12	1.0
Civic 1.4	[D14A1]	10.87- 09.91	111578	14	60	10.87- 09.91	110312	12	1.0
	[D14A1]								
	[D14Z5]	02.01- 09.05	113954	14	70				
Civic 1.4 16V	[D14A7]	01.97- 02.01	111993	14	75	01.97- 02.01	112217	12	1.0
	[D14A8]	01.97- 02.01	111993	14	75	01.97- 02.01	112217	12	1.0
Civic 1.4 i 16V	[D14A1]					10.87- 09.91	110312	12	1.0
Civic 1.4 i S S	[D14Z5]	02.01- 09.05	113954	14	70	02.01- 09.05	111442	12	1.4
	[D14Z6]	02.01- 09.05	113954	14	70	02.01- 09.05	111442	12	1.4
Civic 1.4 i	[D14A2]	09.94-	111993	14	75	09.94- 01.97	111442	12	1.4
	[D14A3]	11.95-	111993	14	75				
		11.95-	112349	14	70				
	[D14A4]	11.95-	111993	14	75				
		11.95-	112349	14	70				
	[D14A5]	09.95-	111993	14	75				
		11.95-	112349	14	70				
	[D14Z2]	11.95-	111993	14	75				
		11.95-	112349	14	70				
	[D14Z6]	02.01- 09.05	113954	14	70				
Civic 1.5	[EW2]	10.83- 10.87	110927	14	55	10.83- 10.87	110312	12	1.0
Civic 1.5 4WD	[EW2]	01.85- 10.87	110927	14	55	01.85- 10.87	110312	12	1.0
Civic 1.5 GL	[EW2]	10.83- 10.87	110927	14	55	10.83- 10.87	110312	12	1.0
						10.83- 10.87	110249	12	0.8
Civic 1.5 GT	[EW3]	01.85- 10.87	110927	14	55	01.85- 10.87	110312	12	1.0
	[EW3]					01.85- 10.87	110249	12	0.8
						01.85- 10.87	111442	12	1.4
Civic 1.5 16V	[D15Z8]	07.97-	113035	14	75	07.97-	112217	12	1.0
Civic 1.5 GTi	[EW4]	03.86- 10.87	110927	14	55	03.86- 10.87	110312	12	1.0
	[EW4]					03.86- 10.87	110249	12	0.8
						03.86- 10.87	111442	12	1.4
Civic 1.5 i 16V	[D15B2]	10.87- 01.92	111578	14	60	AT 10.87- 09.91	111442	12	1.4
	[D15B2]	10.91- 11.95	111285	14	70	10.87- 11.95	110312	12	1.0
	[D15Z1]	10.91-	111285	14	70	10.91-	110312	12	1.0



Civic 1.5 i	[D15B2]	10.88- 09.91	111578	14	60	AT 10.88- 09.91	111442	12	1.4
	[D15B2]	10.91-	111285	14	70	10.88- 09.91	110312	12	1.0
	[D15Z1]	10.91-	111285	14	70	10.91-	110312	12	1.0
	[D15B7]	01.94-	111285	14	70	01.94-	110312	12	1.0
	[D15Z3]	09.94-	111993	14	75	09.94- 01.97	111442	12	1.4
	[D15B2]					01.92- 01.95	113508#	12	1.2
	[D15Z6]	11.95-	111993	14	75	11.95-	110312	12	1.0
Civic 1.6	[B16A2]	10.91-	113074#	14	65	10.91-	113025	12	1.2
	[D16Y6]	01.96- 04.00	112349	14	70	01.96- 03.96	113118#	12	1.2
	[D16Z9]	01.94-	111285	14	70	01.93- 01.95	113508#	12	1.2
	[D16V1]	02.01- 09.05	113954	14	70				
	[D16Y6]					01.96- 04.00	111442	12	1.4
	[D16Z9]					01.94- 01.96	111442	12	1.4
						01.96- 03.96	113399	12	1.0
Civic 1.6 16V	[B16A2]	10.91-	113074#	14	65	10.91-	113025	12	1.2
	[D16Z6]	10.91-	111285	14	70	10.91-	111442	12	1.4
	[D16B2]	01.97- 02.01	111993	14	75	01.99- 01.00	113390#	12	1.2
						01.99- 01.00	113394	12	1.0
						01.99- 01.00	113400#	12	1.6
	[D16A7]	09.87- 09.91	111578	14	60	09.87- 09.91	110312	12	1.0
	[D16A9]					09.87- 09.91	110312	12	1.0
	[D16B2]					01.97- 02.01	112217	12	1.0
						01.97- 01.97	113399	12	1.0
						01.97- 01.97	113118#	12	1.2
Civic 1.6 16V ESI	[D16Z6]	10.91-	111285	14	70	10.91-	111442	12	1.4
	[D16A6]	10.89- 09.91	111578	14	60	10.87- 09.91	110312	12	1.0
Civic 1.6 i 16V	[D16Z2]	06.88- 09.91	111578	14	60	10.87- 09.91	110312	12	1.0
	[D16A7]	06.88- 09.91	111578	14	60	09.87- 09.91	110312	12	1.0
Civic 1.6 i 16V 4WD	[D16A6]	01.88-	111578	14	60	01.88-	110312	12	1.0
	[D16A6]					12.89- 06.95	111442	12	1.4
Civic 1.6 i 16V 4WD	[D16A6]	01.88- 09.90	111578	14	60	01.88- 09.91	110312	12	1.0
	[D16A6]					12.89- 06.95	111442	12	1.4
Civic 1.6 i	[D16Z2]	06.88- 09.91	111578	14	60	10.87- 09.91	110312	12	1.0
	[D16Y7]	01.94- 03.00	111285	14	70	01.99- 01.00	113390#	12	1.2
		01.94-	111993	14	75	03.96- 01.97	113399	12	1.0
		10.98- 03.00	113074#	14	65	01.96- 03.96	113118#	12	1.2
	[D16V1]	02.01- 12.05	113954	14	70	01.94- 03.00	110312	12	1.0
	[D16Y5]	11.95-	111993	14	75	01.96- 01.97	113118#	12	1.2
						01.99- 01.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
						01.99- 01.00	113390#	12	1.2
						01.99- 01.00	113400#	12	1.6
Civic 1.6 i GL	[D16A6]	06.88- 09.91	111578	14	60	10.87- 09.91	110312	12	1.0
	[D16Y3]	09.94-	111993	14	75	01.96- 01.97	113118#	12	1.2
Civic 1.6 i LS	[D16Y3]					09.94- 01.97	111442	12	1.4
						01.96- 01.97	113399	12	1.0
Civic 1.6 i SR	[D16Y2]	09.94-	111993	14	75	01.96- 01.97	113399	12	1.0
	[D16Y2]					09.94- 01.97	111442	12	1.4
Civic 1.6 i-VTEC	[B16A1]	10.89- 09.91	113074#	14	65	10.87- 09.91	110312	12	1.0
	[D16Y8]					01.99- 03.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
						01.96- 01.97	113118#	12	1.2
						01.99- 01.00	113390#	12	1.2
	[D16Y8]	10.98- 03.00	111285	14	70	11.95- 02.01	110312	12	1.0
	[D16Y6]	10.98- 02.01	111285	14	70	01.99- 01.00	113400#	12	1.6
		10.98- 02.01	113074#	14	65	01.96- 01.97	113118#	12	1.2
	[D16Y8]	10.98- 03.00	113074#	14	65	01.99- 03.00	113400#	12	1.6
	[B16A2]					04.99- 12.00	113394	12	1.0
Civic 1.6 VTi	[D16Y6]					04.99- 12.00	113400#	12	1.6
						11.95- 02.01	110312	12	1.0
						01.99- 01.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
						01.99- 01.00	113390#	12	1.2
	[B16A2]	11.95-	111993	14	75	01.96- 01.97	113118#	12	1.2
						01.99- 01.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
						01.99- 01.00	113400#	12	1.6
						01.99- 01.00	113390#	12	1.2
Civic 1.7	[D17A6]	02.01- 09.05	113954	14	70	02.01- 09.05	113617#	12	1.2
						01.01- 09.05	113704#	12	0.8
Civic 1.7 i	[D17A8]	05.01- 12.05	113954	14	70	05.01- 12.05	113617#	12	1.2
	[D17A9]	05.01- 12.05	113954	14	70	05.01- 12.05	113704#	12	0.8
	[D17A8]					05.01- 12.05	113704#	12	0.8
	[D17A9]					05.01- 12.05	113617#	12	1.2
						01.02- 09.05	113617#	12	1.2
Civic 1.7 CTDi	[4E-2]								
Civic 1.8	[R18A2]					01.06-	114389	12	1.0
Civic 1.8 16V	[B18C4]					04.98-	112217	12	1.0
Civic 2.0 Type R	[K20Z4]	09.06-	114272	14	100				
Civic 2.0 Diesel	[20T2R]					01.97- 02.01	113928	12	1.7
Civic 2.0 TDIC	[20T2N]	04.98- 02.01	114386	14	90	04.98- 02.01	113361	12	1.7
Civic CRX 1.6 i 16V Targa	[B16A2]	03.92-	113074#	14	65	03.92-	113025	12	1.2
	[D16Y8]	03.92-	111285	14	70	01.96- 01.97	113118#	12	1.2
	[B16A2]					01.96- 01.97	113399	12	1.0
						01.96- 01.97	113118#	12	1.2
	[D16Y8]					03.92-	111442	12	1.4
Concerto 1.4	[D14A1]					01.96- 01.97	113399	12	1.0
	[D15B2]					10.89- 10.92	110312	12	1.0
Concerto 1.5 i 16V	[D15B2]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
	[D15B2]	08.89- 03.95	111578	14	60	AT 08.89- 03.95	111442	12	1.4
Concerto 1.6 16V	[D16Z1]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
Concerto 1.6 i 16V	[D16A8]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
	[D16Z2]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
CR-V 2.0	[K20A4]	01.02- 09.06	113712	14	90				
CR-V 2.0 16V	[B20B]					AT 10.95- 01.99	114226	12	1.1
	[B20Z1]					01.95- 12.01	113629	12	1.2
CR-V 2.0 i-VTEC	[R20A2]					01.99-	113629	12	1.2
CR-V 2.4 i-VTEC 4x4		10.06-	114272	14	100	01.07-	114389	12	1.0
CR-V 2.4 VTEC	[K24A1]	03.02- 09.06	113712	14	90				
CRX 1.5 i	[EW3]	10.83- 11.86	110927	14	55	10.83- 11.86	110249	12	0.8
	[EW3]					10.83- 11.86	110312	12	1.0
CRX 1.6 i 16V	[D16A6]					10.87- 05.88	110312	12	1.0
	[D16A9]	10.87- 02.92	111578	14	60	10.87- 02.92	110312	12	1.0
	[D16Z5]	10.87- 02.92	111578	14	60	10.87- 02.92	110312	12	1.0
	[B16A1]	10.89- 02.92	113074#	14	65				
	[D16A]					10.87- 05.88	110312	12	1.0
CRX 1.6 i	[ZC1]					03.86- 10.87	110312	12	1.0
	[ZC1]	03.86- 10.87	110927	14	55				
FR-V 1.8	[R18A1]					01.07-	114389	12	1.0
FR-V 2.0	[K20A9]	02.05-	113712	14	90				
HR-V 1.6 16V	[D16W1]	AC 03.99-	113523#	14	75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

HONDA Continued

HR-V 1.6 16V 4WD	[D16W1]	AC 03.99-	113523#	14	75								
	[D16W5]	10.99-	113523#	14	75								
Integra 1.5	[D15A1]	10.85- 08.89	110927	14	55			01.86- 01.88	110312	12	1.0		
								01.86- 01.88	110249	12	0.8		
								10.85- 08.89	111442	12	1.4		
	[D15A1]	10.85- 08.89	113628	14	95								
	[D16A3]	10.85- 08.89	113623	14	70								
Integra 1.6	[D16A3]							03.86- 08.89	111442	12	1.4		
	[D16A3]							01.86- 01.88	110249	12	0.8		
	[D16A3]							01.86- 01.88	110312	12	1.0		
Integra 2.0	[K20A3]												
Jazz 1.2 45	[ER2]							AT 02.84- 10.86	110146				
	[ER2]							02.84- 10.86	110312	12	1.0		
Jazz 1.2 55	[ER4]							09.84- 10.86	110312	12	1.0		
Jazz 1.2 56	[ER1]							AT 10.83- 10.86	110146				
	[ER1]							10.83- 10.86	110312	12	1.0		
Jazz 1.4	[L13A1]							03.02-	111442	12	1.4		
Legend 2.5 i	[C25A1]	01.86- 12.87	111578	14	60			01.86- 12.87	111543	12	1.4		
		01.88-	111609	14	70			01.86- 12.87	111546	12	1.6		
	[C25A2]	01.86- 12.87	111578	14	60			01.87- 01.90	111543	12	1.4		
		10.88-	110680	14	70			02.87- 06.88	111546	12	1.6		
Legend 2.7 i 24V	[C27A1]	01.88- 12.90	111609	14	70			10.87- 12.90	111546	12	1.6		
	[C27A1]	10.87- 12.90	110680	14	70								
Logo 1.3 i	[D13B7]	03.99-	112349	14	70								
		AT 03.99- 03.02	113035	14	75								
NSX 3.0	[C30A3]	06.90-	113042#										
NSX 3.0 VTEC 24V	[C30A4]	06.90-	113042#										
NSX 3.2 24V	[C32B2]	01.97-	113042#										
Prelude 1.6	[EL14]							01.80- 10.82	110146				
	[EL]												
Prelude 1.8	[ET2]							11.83- 04.87	110322				
	[ET3]							11.83- 04.87	110322				
	[ET4]							11.85- 04.87	110322				
Prelude 2.0	[B20A3]	04.87- 01.92	113628	14	95			AT 04.87- 01.92	111543	12	1.4		
	[B20A3]	04.87- 01.92	111432	14	70								
		A11 04.87- 01.92	111609	14	70								
	[B20A4]	08.87- 01.92	111432	14	70			AT 08.87- 01.92	111543	12	1.4		
		A11 04.87- 01.92	111609	14	70								
Prelude 2.0 i 16V	[F20A4]							02.92-	112214	12	1.6	MS, ND	
Prelude 2.0 i 16V EX	[B20A7]	A11 10.87- 12.90	111609	14	70			AT 10.87- 12.90	111543	12	1.4		
	[B20A1]	01.85- 03.87	110676#	14	65			04.86- 01.92	110322				
		04.86- 01.92	113628	14	95			AT 04.86- 01.92	111543	12	1.4		
	[B20A5]	04.87- 01.92	111432	14	70			AT 04.87- 01.92	111543	12	1.4		
	[B20A9]	04.87- 01.92	111432	14	70			AT 04.87- 04.90	111543	12	1.4		
	[B20A1]	04.87- 01.92	111432	14	70								
		A11 04.87- 01.92	111609	14	70								
	[B20A5]	A11 04.87- 01.92	111609	14	70								
	[B20A7]	10.87- 12.90	111432	14	70								
	[B20A9]	A11 04.87- 01.92	111609	14	70								
Prelude 2.2 16V	[H22A5]	10.96-	113522#	14	90			01.99- 10.00	113393#	12	1.6		
	[H22A5]							01.97- 10.98	113408	12	1.4		
Prelude 2.2 i 16V	[H22A2]							02.93-	112213#	12	1.4		
Prelude 2.3 i 16V	[H23A2]							02.92-	112214	12	1.6	MS, ND	
Quintet 1.6	[EL]							02.80- 12.84	110146				
	[EL]							02.80-	110247				
								02.80-	110145#	12	1.0		
Shuttle 2.2 16V	[F22B8]							10.94- 02.98	113024	12	1.6		
Shuttle 2.3 16V	[F23A7]	AC 01.98-	113522#	14	90			01.98- 05.01	113398	12	1.6		
Stream 2.0 16V	[K20A1]	01.01-	113712	14	90								
<b>PASSENGER CARS US</b>													
Accord 1.6	[EF1]							01.76- 01.78	110248	14	40		
		01.76- 01.78	110248	14	40			01.78- 01.78	110146				
Accord 1.6 LX	[EF1]							01.78- 01.78	110248	14	40		
		01.78- 01.78	110248	14	40								
Accord 1.8	[EK1]							01.79- 01.80	110248	14	40		
		01.79- 01.80	110248	14	40								
	[ES2]	01.84- 01.85	110677#	14	60			01.84- 01.85	110146				
		01.84- 01.85	111429#	14	65			01.84- 01.85	111458#	12	1.4		
								01.81- 01.83	110146				
								01.81- 01.82	110248	14	40		
Accord 1.8 1800 LX		01.84- 01.85	111429#	14	65			01.84- 01.85	111458#	12	1.4		
		01.84- 01.85	110677#	14	60			01.84- 01.85	110146				
Accord 1.8 1800 SE-I		01.85- 01.85	110677#	14	60			01.85- 01.85	110146				
		01.85- 01.85	111429#	14	65			01.85- 01.85	111458#	12	1.4		
Accord 1.8 1800 STD		01.84- 01.85	111429#	14	65			01.84- 01.85	110146				
		01.84- 01.85	110677#	14	60			01.84- 01.85	111458#	12	1.4		
Accord 1.8 DX	[EK1]							01.79- 01.80	110248	14	40		
		01.79- 01.80	110248	14	40								
Accord 1.8 LX	[EK1]							01.79- 01.83	110146				
		01.79- 01.82	110248	14	40								
Accord 1.8 S	[ES2]	01.84- 01.85	110677#	14	60			01.84- 01.85	110146				
		01.84- 01.85	111429#	14	65			01.84- 01.85	111458#	12	1.4		
Accord 1.8 SE								01.81- 01.83	110146				
		01.81- 01.81	110248	14	40								
Accord 2.0	[A20A3]	01.87- 01.87	111429#	14	65			01.87- 01.87	111543	12	1.4		
		01.87- 01.87	111577#	14	65			01.87- 01.87	110146				
								01.87- 01.87	111458#	12	1.4		
Accord 2.0 DX	[A20A1]	01.87- 01.89	111429#	14	65			01.87- 01.89	111543	12	1.4		
		01.87- 01.89	111577#	14	65			01.87- 01.89	110146				
	[BS]	01.86- 01.86	111429#	14	65			01.87- 01.89	111458#	12	1.4		
		01.86- 01.86	111577#	14	65			01.86- 01.86	110146				
								01.86- 01.86	111543	12	1.4		
								01.86- 01.86	111458#	12	1.4		
Accord 2.0 EXi	[A20A3]	01.87- 01.89	111429#	14	65			01.87- 01.89	111543	12	1.4		
		01.87- 01.89	111577#	14	65			01.87- 01.89	111458#	12	1.4		
								01.87- 01.89	110146				
Accord 2.0 LX	[A20A1]	01.87- 01.89	111429#	14	65			01.87- 01.89	111543	12	1.4		
		01.87- 01.89	111577#	14	65			01.87- 01.89	110146				
	[BS]	01.86- 01.86	111429#	14	65			01.87- 01.89	111458#	12	1.4		
		01.86- 01.86	111577#	14	65			01.86- 01.86	111458#	12	1.4		
								01.86- 01.86	111543	12	1.4		
								01.86- 01.86	110146				
Accord 2.0 LXi	[A20A3]	01.87- 01.89	111429#	14	65			01.87- 01.89	111543	12	1.4		
		01.87- 01.89	111577#	14	65			01.87- 01.89	110146				
	[BS]	01.86- 01.86	111429#	14	65			01.87- 01.89	111458#	12	1.4		
		01.86- 01.86	111577#	14	65			01.86- 01.86	111458#	12	1.4		
								01.86- 01.86	110146				
								01.86- 01.86	111543	12	1.4		
Accord 2.0 S	[BT]	01.86-	111429#	14	65								
	[A20A1]	01.88- 01.88	111429#	14	65			01.88- 01.88	111543	12	1.4		
		01.88- 01.88	111577#	14	65			01.88- 01.88	110146				
								01.88- 01.88	111458#	12	1.4		
	[A20A3]	01.89- 01.89	111429#	14	65			01.89- 01.89	111458#	12	1.4		
		01.89- 01.89	111577#	14	65			01.89- 01.89	110146				
								01.89- 01.89	111543	12	1.4		
Accord 2.0 SEi	[A20A3]	01.89- 01.89	111429#	14	65			01.89- 01.89	110146				
		01.89- 01.89	111577#	14	65			01.89- 01.89	111543	12	1.4		
								01.89- 01.89	111458#	12	1.4		



Accord 2.2 10TH Anniversary	[F22A1]					01.93- 01.93	112214	12	1.6
						01.93- 01.93	113024	12	1.6
Accord 2.2 25TH Anniversary EDI	[F22B2]					01.96- 01.96	113398	12	1.6
		01.96-	01.96	113075#	14	80			
						01.96- 01.96	112213#	12	1.4
Accord 2.2 DX	[F22A1]					01.90- 01.93	112214	12	1.6
	[F22B2]					01.90- 01.93	113024	12	1.6
		01.94-	01.97	113075#	14	80			
						01.94- 01.97	113024	12	1.6
Accord 2.2 EX	[F22A1]					01.90- 01.91	112214	12	1.6
	[F22A4]					01.90- 01.91	113024	12	1.6
	[F22A6]					01.90- 01.91	112214	12	1.6
	[F22B1]					01.91- 01.93	113024	12	1.6
		01.94-	01.97	113075#	14	80			
						01.94- 01.97	112213#	12	1.4
Accord 2.2 EX-R						01.91- 01.91	113024	12	1.6
						01.91- 01.91	112214	12	1.6
Accord 2.2 LX	[F22A1]					01.90- 01.93	112214	12	1.6
	[F22B2]					01.90- 01.93	113024	12	1.6
		01.94-	01.97	113075#	14	80			
						01.94- 01.97	113024	12	1.6
Accord 2.2 SE	[F22A6]					01.91- 01.93	112214	12	1.6
	[F22B2]					01.91- 01.93	113024	12	1.6
		01.97-	01.97	113075#	14	80			
						01.97- 01.97	112213#	12	1.4
Accord 2.3 DX	[F23A5]					01.98- 01.01	113571#	14	80
Accord 2.3 EX	[F23A1]					01.98- 01.02	113571#	14	80
	[F23A4]					01.98- 01.02	113571#	14	80
Accord 2.3 LX	[F23A1]					01.98- 01.02	113571#	14	80
	[F23A4]					01.98- 01.02	113571#	14	80
Accord 2.3 SE	[F23A1]					01.00- 01.00	113571#	14	80
	[F23A4]					01.00- 01.00	113571#	14	80
Accord 2.3 Value Package	[F23A5]					01.01-	113571#	14	80
Accord 2.4 DX	[K24A4]					01.03- 01.05	113821	12	1.6
Accord 2.4 EX	[K24A4]					01.03- 01.05	113821	12	1.6
Accord 2.4 LX	[K24A4]					01.03- 01.05	113821	12	1.6
Accord 2.7 EX	[C27A4]					01.95- 01.97	113396#	12	1.6
Accord 2.7 EX-R	[C27A4]					01.95- 01.97	113396#	12	1.6
Accord 2.7 LX	[C27A4]					01.95- 01.97	113396#	12	1.6
Accord 3.0 EX	[J30A1]					01.98- 01.02	113392	12	1.6
Accord 3.0 LX	[J30A1]					01.98- 01.02	113392	12	1.6
Civic 1.2	[EB1]					01.73- 01.73	110145#	12	1.0
	[EB2]					01.74- 01.77	110145#	12	1.0
	[EB3]					01.78- 01.79	110145#	12	1.0
						01.78- 01.79	110146	12	1.0
Civic 1.3						01.83- 01.83	110146	12	1.0
Civic 1.3 1300		01.85-		110927	14	55			
		01.87-		110927	14	55			
						01.80- 01.82	110146	12	1.0
Civic 1.3 1300 DX						01.80- 01.82	110146	12	1.0
Civic 1.3 DX	[D13A2]					01.87- 01.87	110312	12	1.0
	[EV1]	01.84-	01.86	110927	14	55			
						01.87- 01.87	110249	12	0.8
						01.84- 01.86	110312	12	1.0
						01.84- 01.86	110249	12	0.8
Civic 1.5	[EM1]					01.81- 01.83	110146	12	1.0
		01.88-	01.91	111578	14	60			
						01.81- 01.83	110145#	12	1.0
						01.88- 01.91	110249	12	0.8
						01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
Civic 1.5 1500						01.85- 01.87	111442	12	1.4
		01.85-	01.87	110927	14	55			
						01.85- 01.87	110312	12	1.0
						01.85- 01.87	110249	12	0.8
						01.80- 01.80	110146	12	1.0
						01.80- 01.80	110145#	12	1.0
Civic 1.5 1500 DX		01.88-	01.88	111578	14	60			
		01.84-	01.87	110927	14	55			
						01.84- 01.88	110249	12	0.8
						01.84- 01.88	111442	12	1.4
						01.84- 01.88	110312	12	1.0
						01.80- 01.82	110146	12	1.0
						01.80- 01.82	110145#	12	1.0
Civic 1.5 1500 GL		01.84-	01.84	110927	14	55			
						01.84- 01.84	111442	12	1.4
						01.84- 01.84	110312	12	1.0
						01.84- 01.84	110249	12	0.8
						01.80- 01.82	110146	12	1.0
						01.80- 01.82	110145#	12	1.0
Civic 1.5 1500 S		01.84-	01.87	110927	14	55			
						01.84- 01.87	110249	12	0.8
						01.84- 01.87	110312	12	1.0
						01.84- 01.87	111442	12	1.4
Civic 1.5 1500 SI		01.86-	01.87	110927	14	55			
						01.86- 01.87	110312	12	1.0
						01.86- 01.87	111442	12	1.4
Civic 1.5 CVCC	[ED1]					01.75- 01.75	110145#	12	1.0
	[ED2]	01.75-	01.76	110138	14	40			
	[ED3]	01.76-	01.79	110138	14	40			
	[ED4]	01.77-	01.79	110138	14	40			
						01.75- 01.75	110146	12	1.0
						01.75- 01.76	110145#	12	1.0
						01.75- 01.76	110146	12	1.0
						01.76- 01.79	110146	12	1.0
						01.76- 01.79	110145#	12	1.0
						01.75- 01.79	110146	12	1.0
						01.75- 01.79	110145#	12	1.0
Civic 1.5 CX	[D15B8]					01.92- 01.95	111285	14	70
						01.92- 01.95	113023#	12	1.2
						01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
						01.92- 01.95	113026#	12	1.6
						01.92- 01.95	113508#	12	1.2
		01.89-	01.91	111578	14	60			
						01.89- 01.91	110249	12	0.8
						01.89- 01.91	111442	12	1.4
						01.89- 01.91	110312	12	1.0
Civic 1.5 Del Sol S	[D15B7]					01.93- 01.95	111285	14	70
						01.93- 01.95	110249	12	0.8
						01.93- 01.95	110312	12	1.0
						01.93- 01.95	113023#	12	1.2
						01.93- 01.95	113508#	12	1.2
Civic 1.5 DX	[D15B2]					01.88- 01.91	111578	14	60
	[D15B7]					01.88- 01.91	110249	12	0.8
						01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
		01.92-	01.95	111285	14	70			
						01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
						01.92- 01.95	113023#	12	1.2
						01.92- 01.95	113026#	12	1.6
						01.92- 01.95	113508#	12	1.2
Civic 1.5 GL	[EW1]					01.86- 01.86	110927	14	55
						01.86- 01.86	111442	12	1.4
						01.86- 01.86	110312	12	1.0
						01.86- 01.86	110249	12	0.8





Application list

HONDA Continued

Civic 1.5 LX	[D15B2]	01.88- 01.91	111578	14	60	01.88- 01.91	111442	12	1.4
						01.88- 01.91	110249	12	0.8
						01.88- 01.91	110312	12	1.0
Civic 1.5 SE	[D15B7]	01.92- 01.95	111285	14	70	01.92- 01.95	113026#	12	1.6
						01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
						01.92- 01.95	113023#	12	1.2
						01.92- 01.95	113508#	12	1.2
Civic 1.5 VX	[D15Z1]	01.92- 01.95	111285	14	70	01.88- 01.88	110249	12	0.8
						01.88- 01.88	111442	12	1.4
						01.88- 01.88	110312	12	1.0
Civic 1.6 4WD	[D16A6]	01.88- 01.91	111578	14	60	01.92- 01.95	113026#	12	1.6
						01.92- 01.95	110249	12	0.8
						01.92- 01.95	110312	12	1.0
						01.92- 01.95	113023#	12	1.2
Civic 1.6 CX	[D16Y7]	01.96- 01.00	113035	14	75	01.92- 01.95	113508#	12	1.2
						01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
						01.96- 01.97	113118#	12	1.2
						01.96- 01.98	110312	12	1.0
Civic 1.6 Del Sol S	[D16Y7]	01.96- 01.97	113035	14	75	01.99- 01.00	113390#	12	1.2
		01.96- 01.97	113645#	14	80	01.99- 01.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
						01.99- 01.00	113400#	12	1.6
						01.96- 01.97	113118#	12	1.2
Civic 1.6 Del Sol Si	[D16Y8]	01.96- 01.97	113035	14	75	01.96- 01.97	113399	12	1.0
		01.96- 01.97	113645#	14	80	01.96- 01.97	110312	12	1.0
						01.96- 01.97	113026#	12	1.6
						01.93- 01.95	113023#	12	1.2
						01.93- 01.95	110312	12	1.0
Civic 1.6 Del Sol VTEC	[B16A2]	01.96- 01.97	113645#	14	80	01.93- 01.95	113026#	12	1.6
	[B16A3]	01.94- 01.95	113166#	14	80	01.93- 01.95	113508#	12	1.2
	[D16Y7]	01.96- 01.00	113035	14	75	01.94- 01.95	113025	12	1.2
Civic 1.6 DX	[D16Y7]	01.96- 01.00	113035	14	75	01.96- 01.97	113118#	12	1.2
						01.96- 01.98	110312	12	1.0
						01.99- 01.00	113390#	12	1.2
						01.99- 01.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
Civic 1.6 EX	[D16A6]	01.90- 01.91	111578	14	60	01.99- 01.00	113400#	12	1.6
	[D16Y8]	01.96- 01.00	113035	14	75	01.90- 01.91	110312	12	1.0
						01.90- 01.91	111442	12	1.4
						01.96- 01.97	113118#	12	1.2
						01.96- 01.98	110312	12	1.0
Civic 1.6 HX	[D16Y5]	01.96- 01.00	113035	14	75	01.99- 01.00	113390#	12	1.2
						01.99- 01.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
						01.99- 01.00	113400#	12	1.6
						01.96- 01.97	113118#	12	1.2
Civic 1.6 LX	[D16Y7]	01.96- 01.00	113035	14	75	01.96- 01.97	110312	12	1.0
						01.96- 01.97	113118#	12	1.2
						01.99- 01.00	113394	12	1.0
						01.96- 01.97	113399	12	1.0
						01.99- 01.00	113400#	12	1.6
Civic 1.6 Si	[B16A2]	01.99- 01.00	113035	14	75	01.99- 01.00	113394	12	1.0
	[D16A6]	01.89- 01.91	111578	14	60	01.99- 01.00	113400#	12	1.6
	[D16Z6]	01.92- 01.95	111285	14	70	01.89- 01.91	110312	12	1.0
						01.89- 01.91	111442	12	1.4
Civic 1.6 Value Package	[D16Y7]					01.92- 01.95	113508#	12	1.2
						01.92- 01.95	110312	12	1.0
						01.92- 01.95	113023#	12	1.2
						01.92- 01.95	113026#	12	1.6
Civic 1.6 GX	[D16B5]	01.98- 01.00	113035	14	75	01.99- 01.00	113390#	12	1.2
						01.99- 01.00	113394	12	1.0
						01.99- 01.00	113400#	12	1.6
Civic 1.7 DX	[D17A1]				01.01- 01.05	113617#	12	1.2	
Civic 1.7 EX	[D17A2]				01.01- 01.05	113617#	12	1.2	
Civic 1.7 HX	[D17A6]				01.01- 01.05	113617#	12	1.2	
Civic 1.7 LX	[D17A1]				01.01- 01.05	113617#	12	1.2	
Civic 1.7 Value Package	[D17A1]				01.04- 01.05	113617#	12	1.2	
Civic 1.7 GX	[D17A7]				01.01- 01.05	113617#	12	1.2	
Civic 1.8 DX	[R18A1]				01.06-	114137	12	1.2	
Civic 1.8 GX	[R18A4]				01.06-	114137	12	1.2	
CR-V 2.0 EX	[B20B4]	01.98- 01.98	113628	14	95	01.98- 01.98	113629	12	1.2
	[B20Z2]	01.99- 01.01	113628	14	95	01.99- 01.01	113629	12	1.2
CR-V 2.0 LX	[B20B4]	01.97- 01.98	113628	14	95	01.98- 01.98	113629	12	1.2
	[B20Z2]	01.99- 01.01	113628	14	95	01.99- 01.01	113629	12	1.2
CR-V 2.0 SE	[B20Z2]	01.00- 01.01	113628	14	95	01.00- 01.01	113629	12	1.2
CR-V 2.4 EX	[K24A1]	01.02- 01.03	113712	14	90				
CR-V 2.4 LX	[K24A1]	01.02- 01.03	113712	14	90				
CRX 1.3 1300		01.84-	110927	14	55				
CRX 1.5	[D15B2]	01.91- 01.91	111578	14	60	01.91- 01.91	110249	12	0.8
						01.91- 01.91	110312	12	1.0
						01.91- 01.91	111442	12	1.4
CRX 1.5 1500		01.84- 01.87	110927	14	55	01.84- 01.87	111442	12	1.4
						01.84- 01.87	110312	12	1.0
						01.84- 01.87	110249	12	0.8
CRX 1.5 1500 HF		01.88- 01.89	111578	14	60	01.85- 01.89	110249	12	0.8
		01.85- 01.87	110927	14	55	01.85- 01.89	111442	12	1.4
						01.85- 01.89	110312	12	1.0
CRX 1.5 1500 SI						01.85- 01.87	111442	12	1.4
						01.85- 01.87	110312	12	1.0
CRX 1.5 DX	[D15B2]	01.88- 01.90	111578	14	60	01.88- 01.90	110249	12	0.8
						01.88- 01.90	110312	12	1.0
						01.88- 01.90	111442	12	1.4
CRX 1.5 HF	[D15B6]	01.90- 01.91	111578	14	60	01.90- 01.91	111442	12	1.4
						01.90- 01.91	110249	12	0.8
						01.90- 01.91	110312	12	1.0
CRX 1.6 SI	[D16A6]	01.88- 01.91	111578	14	60	01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4



Odyssey 2.2 EX	[F22B6]							01.95-	01.97	113024	12	1.6
Odyssey 2.2 LX	[F22B6]							01.95-	01.97	113024	12	1.6
Odyssey 2.3 EX	[F23A7]											
Odyssey 2.3 LX	[F23A7]											
Odyssey 3.5 Cargo	[J35A1]							01.99-	01.01	113392	12	1.6
Odyssey 3.5 EX	[J35A1]							01.99-	01.01	113392	12	1.6
Odyssey 3.5 LX	[J35A1]							01.99-	01.01	113392	12	1.6
	[J35A4]							01.02-	01.04	113648#	12	1.6
Passport 2.6 DX	[4ZE1]	01.94-	01.96	112978#	14	60		01.94-	01.96	110979	12	1.0
		01.94-	01.96	113423#	14	70						
		01.96-	01.97	113643#	14	60						
Passport 3.2 EX	[6VD1]	01.94-	01.97	112977	14	60		01.94-	01.02	113402	12	1.4
		01.96-	01.97	113555#	14	60						
		01.98-	01.02	113366#	14	60						
		01.98-	01.00	113556#	14	70						
		01.98-	01.00	113563	14	90						
Passport 3.2 LX	[6VD1]	01.94-	01.97	112977	14	60		01.94-	01.02	113402	12	1.4
		01.96-	01.97	113555#	14	60						
		01.98-	01.02	113366#	14	60						
		01.98-	01.00	113556#	14	70						
		01.98-	01.00	113563	14	90						
Pilot 3.5	[J35A4]							01.03-	01.04	113648#	12	1.6
	[J35A6]									113746	24	5.5
Prelude 1.8	[A18A1]							01.87-	01.87	110146		
		01.87-	01.87	111429#	14	65		01.87-	01.87	111458#	12	1.4
	[EK1]							01.79-	01.82	110146		
		01.79-	01.82	110248	14	40						
	[ET2]							01.84-	01.86	111458#	12	1.4
								01.84-	01.86	110146		
								01.83-	01.83	111458#	12	1.4
								01.83-	01.83	110146		
Prelude 2.0 2.0 S		01.88-	01.90	111609	14	70		01.88-	01.90	111543	12	1.4
		01.88-	01.90	111432	14	70		01.88-	01.89	113022#	12	1.4
Prelude 2.0 2.0 SI	[B20A5]	01.91-	01.91	111609	14	70		01.91-	01.91	111543	12	1.4
		01.85-	01.87	111429#	14	65		01.85-	01.90	111543	12	1.4
								01.88-	01.89	113022#	12	1.4
		01.88-	01.90	111432	14	70		01.85-	01.87	111458#	12	1.4
		01.85-	01.90	111609	14	70		01.85-	01.87	110146		
Prelude 2.0 2.0 SI 4WS		01.88-	01.89	111609	14	70		01.88-	01.89	111543	12	1.4
		01.88-	01.89	111432	14	70		01.88-	01.89	113022#	12	1.4
Prelude 2.0 SE		01.91-	01.91	111609	14	70		01.91-	01.91	111543	12	1.4
Prelude 2.0 SR		01.90-	01.90	111432	14	70		01.90-	01.90	111543	12	1.4
		01.90-	01.90	111609	14	70						
Prelude 2.1 SI 4WS	[B21A1]	01.90-	01.91	111609	14	70		01.90-	01.91	111543	12	1.4
Prelude 2.1 SI ALB	[B21A1]	01.90-	01.91	111609	14	70		01.90-	01.91	111543	12	1.4
Prelude 2.1 SI	[B21A1]	01.90-	01.91	111609	14	70						
Prelude 2.2	[H22A4]							01.97-	01.98	112214	12	1.6
								01.99-	01.01	113393#	12	1.6
								01.97-	01.98	113409	12	1.6
Prelude 2.2 S	[F22A1]							01.92-	01.96	112214	12	1.6
								01.92-	01.96	113024	12	1.6
Prelude 2.2 SH	[H22A4]							01.99-	01.01	113393#	12	1.6
		01.97-	01.98	112214	12	1.6		01.97-	01.98	113409	12	1.6
		01.97-	01.98	113409	12	1.6		01.93-	01.96	113024	12	1.6
Prelude 2.2 VTEC	[H22A1]							01.93-	01.96	112214	12	1.6
								01.93-	01.96	112214	12	1.6
Prelude 2.3 4WS								01.93-	01.94	112214	12	1.6
								01.93-	01.94	113024	12	1.6
Prelude 2.3 SE	[H23A1]							01.95-	01.95	113024	12	1.6
								01.95-	01.95	112214	12	1.6
Prelude 2.3 SI	[H23A1]							01.92-	01.96	112214	12	1.6
								01.92-	01.96	113024	12	1.6
Prelude 2.3 SI 4WS	[H23A1]							01.92-	01.92	112214	12	1.6
								01.92-	01.92	113024	12	1.6
S2000 2.0	[F20C1]							01.00-	01.01	113630	12	1.2
S2000 2.2	[F22C1]							01.04-	01.05	113630	12	1.2
Wagovan 1.5	[D15A2]	01.87-	01.87	110927	14	55		01.87-	01.87	110249	12	0.8
								01.87-	01.87	111442	12	1.4
								01.87-	01.87	110312	12	1.0
	[EW1]	01.84-	01.85	110927	14	55		01.84-	01.85	110312	12	1.0
								01.84-	01.85	111442	12	1.4
								01.84-	01.85	110249	12	0.8
		01.86-	01.86	110927	14	55		01.86-	01.86	111442	12	1.4
								01.86-	01.86	110312	12	1.0
								01.86-	01.86	110249	12	0.8
<b>PASSENGER CARS AO</b>												
Accord 2.4	[K24A8]	09.06-		114272	14	100						
Accord 2.4 VTEC E	[K24A2]	09.03-	09.05	114272	14	100		01.03-	09.05	113821	12	1.6
Accord 2.4 VTEC T	[K24A1]	09.03-		114272	14	100		09.03-	01.05	113821	12	1.6
Accord 3.0	[J30A4]	01.98-	01.02	113159#	14	105						
Accord 3.0 VTEC	[J30A1]							10.98-	01.02	113392	12	1.6
	[J30A2]							10.01-	01.02	113392	12	1.6
Civic 1.6	[D16W4]							01.99-	10.00	113390#	12	1.2
								01.99-	10.00	113400#	12	1.6
	[D16W4]							01.99-	10.00	113394	12	1.0
	[R16A1]	09.05-	09.05	113954	14	70						
Civic 1.6 4WD	[D16A]	01.88-	12.92	111578	14	60		01.88-	12.92	110312	12	1.0
	[D16A7]	01.88-	12.92	111578	14	60		01.88-	12.92	110312	12	1.0
	[D16A]							01.88-	12.92	111442	12	1.4
	[D16A7]							01.88-	12.92	111442	12	1.4
Civic 1.7	[D17A6]							01.01-	08.05	113617#	12	1.2
Civic 1.8	[R18A1]	09.05-		113954	14	70						
Concerto 1.6	[D16A9]	10.89-	10.92	111578	14	60		10.89-	10.92	110312	12	1.0
CR-V 2.0	[B20Z1]							04.99-	02.02	113629	12	1.2
Shuttle 2.3 16V 4x4	[F23A]	10.97-	06.02	113522#	14	90						
<b>MOTORBIKES</b>												
ATC250 0.2								01.85-	01.87	111920	12	
								01.87-	01.87	111921	12	0.6
CBR600RR 0.6								01.03-		114103	12	
FL400 0.4								01.89-	01.90	111925#	12	
GL1100 1.0 Gold Wing								01.75-	01.83	113538	12	
GL1800 1.8 Goldwing		01.01-	12.04	114116	14	75						
GXC530										114375	12	0.6
TRX250 0.2								01.87-	01.87	111921	12	0.6
TRX250								01.85-	01.86	111920	12	
								01.87-	01.87	111921	12	0.6
								01.97-		111927	12	0.6
TRX300								01.93-	01.07	111926	12	0.6
								01.88-	01.00	111921	12	0.6
TRX350 0.3								01.86-	01.86	111924	12	0.6
								01.87-	01.89	111923	12	0.6
Various		01.90-		113997	14	40						
VF750										114104	12	
VFR750										114104	12	
<b>INDUSTRY</b>												
GX340 Small engine										113671	12	
GX390 Small engine										113671	12	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**HONDA** Continued

Various Models 9.9				01.84-	110312	12	1.0		
				08.80-	110249	12	0.8		
				08.80-	110145#	12	1.0		
				08.78-	110247				
					113723	12	0.4		
<b>MOTORS</b>									
GX270QAE2					113723	12	0.4		
GX340 0.5					113231	12	0.5		
GX340DE33					112246	12	0.6		
GX390 0.5					113231	12	0.5		
GX610					113594	12	0.6		
GX620					113594	12	0.6		
GX670 [24 HP]					113732	12	1.0		
GXV390SE33					112246	12	0.6		
GXV610					113594	12	0.6		
GXV620					113594	12	0.6		
<b>Hough</b>									
<b>AGRICULTURE</b>									
Various Models				01.89-	112668	12	2.5		
<b>Howo</b>									
<b>TRUCKS EU</b>									
Various Models					114435	24	7.5		
<b>MARINE</b>									
WD615					114327	24	5.5		
<b>Huerllmann</b>									
<b>AGRICULTURE</b>									
Various Models				03.79-	110530	12	3.0		
<b>Hummer</b>									
<b>PASSENGER CARS EU</b>									
Hummer 6.5 Diesel				GM Diesel 01.94-	113435	24	4.5		
Hummer 6.5 TD				GM Diesel 01.94-	113435	24	4.5		
<b>PASSENGER CARS US</b>									
Various Models 6.2 Diesel [GM]				01.94-	113435	24	4.5		
Various Models 6.5 Diesel [GM]				Military 01.82- 01.88	113435	24	4.5		
<b>Hyster</b>									
<b>FORK LIFTS</b>									
150 [6.354]				01.72- 01.77	110491	12	1.4		
				01.63- 12.77	110569	12			
125 150 [F245]				01.68- 01.84	110491	12	1.4		
20 25 30 [4.107]				01.69- 12.76	110506	12			
				01.73- 12.76	110506	12			
30 40 50 [3.152]				01.71- 12.77	110468	12			
				01.71- 12.78	110472	12			
				01.71- 12.78	112175	12	3.0		
40 60 [4.154]				01.72- 12.78	110506	12			
				01.72- 12.78	110573	12	2.0		
				01.72- 12.78	112175	12	3.0		
60 70 80 100 [4.203]				01.69- 12.76	110472	12			
				01.69- 12.76	112175	12	3.0		
60 70 80 90 [4.203]				01.69- 12.78	110472	12			
				01.69- 12.78	112175	12	3.0		
Various Models					113693	14	70		
					113691	14	70		
					113694	14	70		
					111495	14	40		
				01.61- 01.69	110506	12			
				01.63- 01.84	110569	12			
				01.80- 01.92	110573	12	2.0		
					111273	12	2.7		
				01.70- 01.96	113172	12	2.0		
				01.79-	110449	12	3.6		
				01.70- 01.88	112268	12	2.8		
					112913#	12	1.4		
					110334				
					111041	12	2.8		
				01.72-	110491	12	1.4		
					111049	12			
<b>Hyundai</b>									
<b>PASSENGER CARS EU</b>									
Accent 1.3 [G4E-A]				01.00-	111309	14	75		
				01.00-	113657	14	90		
				08.02-	113657	14	90		
					01.00-	110315	12	0.9	
				10.94-	111309	14	75		
				10.94-	111405	14	90		
					AT 10.94-	110158	12	1.2	
					A13 07.94- 07.99	110315	12	0.9	
					07.94- 07.99	110479	12	0.9	
				08.02-	111309	14	75		
Accent 1.3 i 12V [G4EH]				10.94- 07.99	111309	14	75		
				10.94-	111375	14	75		
				10.94- 07.99	111405	14	90		
					AT 07.94- 07.99	110958	12	0.9	
Accent 1.4 GL [G4EE]				11.05-	113657	14	90		
Accent 1.5 [G4EB]				01.00-	111309	14	75		
				01.00-	113657	14	90		
					G4EC-G	09.00-	111309	14	75
					G4EB	01.00-	110958	12	0.9
					G4EC-G	01.00-	113659	12	0.9
					A13 09.00-	110479	12	0.9	
					AT 09.00-	110958	12	0.9	
					01.00-	113638	12	1.4	
					09.00-	113659	12	0.9	
Accent 1.5 i 12V [G4EK]				10.94-	111309	14	75		
				10.94- 07.99	111405	14	90		
					AT 07.94- 07.99	110958	12	0.9	
					10.94-	110315	12	0.9	
Accent 1.5 i 16V [G4FK]				10.95-	111405	14	90		
					10.95-	110315	12	0.9	
					AT 10.95- 07.97	111379			
Accent 1.5 CRDI [D3-EA]					01.02-	113796	12	1.7	
Accent 1.5 CRDI GLS [D4FA]					11.05-	113797	12	1.7	
Accent 1.6 [G4ED-G]				12.02-	113657	14	90		
Accent 1.6 GLS [G4ED]				11.05-	113657	14	90		
Atos 1.0 i [G4HC-E]				03.01-	113518	14	60		
					G4HC	02.98-	113518	14	60
					G4HC-E	03.01-	113791	14	70
Atos Prime 1.0 i [G4HC]				02.98-	113518	14	60		
					G4HC-E	03.01-	113791	14	70
					G4HC-E	03.01-	113518	14	60
Atos Prime 1.1 [G4HD]				06.03-	113791	14	70		
Coupe 1.6 16V [G4ED-G]				03.02-	113657	14	90		
					G4ED-G	03.02-	111057		
					G4GR	03.98-	111405	14	90
					05.96- 05.00	111307	12	1.2	
					AT 06.00- 09.01	110958	12	0.9	
					05.96- 05.00	111306	12	1.2	
					05.96- 09.01	110315	12	0.9	
Coupe 1.6 i 16V [4G61]				12.96-	111405	14	90		
					4G61	12.96-	111307	12	1.2
					AT 12.96-	111306	12	1.2	



Coupe 2.0	[G4GC-G]	03.02-	113657	14	90	03.02-	111307	12	1.2
Coupe 2.0 GLS	[G4GC-G]	02.03-	113657	14	90	03.02-	111306	12	1.2
Coupe 2.0 16V	[G4GF]	08.96-	111405	14	90	02.03-	111307	12	1.2
		03.01- 01.02	111405	14	90	AT 08.96-	111306	12	1.2
		04.02-	113657	14	90	08.96-	111307	12	1.2
Coupe 2.7 V6	[G6BA-G]	03.02-	113652	14	110				
Elantra 1.5						01.85- 01.95	110315	12	0.9
						AT 08.91- 01.95	110958	12	0.9
Elantra 1.6	[G4ED-G]	06.00-	111309	14	75	AT 06.00- 03.01	110155	12	1.0
	[G4GA]	09.03-	113657	14	90	AT 06.00- 03.01	110958	12	0.9
	[G4ED-G]	05.03-	113657	14	90	09.03-	113659	12	0.9
						06.00- 03.01	110315	12	0.9
						06.00-	113659	12	0.9
Elantra 1.6 CVT	[G4ED-G]	06.06-	114467	14	90				
Elantra 1.6 CRDI	[D4FB]					02.06-	113797	12	1.7
Elantra 1.8	[G4BB]	06.00-	111309	14	75	06.00-	111307	12	1.2
						AT 06.00-	111306	12	1.2
	[G4GB]	11.02-	113657	14	90	11.02-	111307	12	1.2
	[G4GB]					11.02-	111306	12	1.2
Elantra 2.0	[G4GC]	09.00-	111309	14	75	AT 06.00-	111306	12	1.2
		AC 10.03-	113657	14	90	06.00-	111307	12	1.2
	[G4GC-G]	06.00-	111309	14	75	AT 06.00-	111306	12	1.2
						06.00-	111307	12	1.2
Elantra 2.0 CRDI	[D4EA]	04.01-	113328	14	120	04.01-	113329	12	2.0
Excel 1.3	[G4DG]	01.90- 01.95	110660	14	65	01.90- 01.95	110479	12	0.9
		01.94-	111309	14	75				
Galopper 2.5 Diesel Intercooler	[D4BH]	08.98-	113519	14	90	08.98-	111461	12	2.2
	[D4BH]					02.97- 09.02	111476	12	2.0
						08.98-	111565	12	2.2
						08.98-	111912	12	2.2
Galopper 2.5 TCI Intercooler	[D4BH]	08.98-	113519	14	90	08.98-	111565	12	2.2
	[D4BH]					08.98-	110809	12	2.0
						08.98-	111461	12	2.2
						02.97- 09.02	111476	12	2.0
Galopper 2.5 TD	[D4BA]	08.98-	113519	14	90	08.98-	110809	12	2.0
	[D4BA]					08.91- 07.98	110809	12	2.0
	[D4BA]					08.91- 07.98	111461	12	2.2
						08.98-	111461	12	2.2
						08.98-	111565	12	2.2
Galopper 2.5 TD Intercooler	[D4BA]					A13 08.91- 07.98	111565	12	2.2
						AT 08.91- 07.98	111461	12	2.2
						08.91- 07.98	111476	12	2.0
Galopper 3.0 V6	[G6AT]	08.98-	111314	14	90	A13 02.97- 08.01	111565	12	2.2
	[G6G2]					08.91- 07.98	111241	12	1.2
	[G6AT]					02.97- 08.01	111476	12	2.0
Getz 1.1	[G4HD]	09.02-	113791	14	70	09.02-	112322	12	0.8
Getz 1.3	[G4E-A]	09.02-	113657	14	90	09.02-	110479	12	0.9
						09.02-	113659	12	0.9
Getz 1.4	[G4EE]	08.05-	113657	14	90	08.05-	113659	12	0.9
Getz 1.5 CRDI	[D3-EA]	03.03-	113863	14	90	03.03-	113796	12	1.7
		08.05-	113863	14	90	08.05-	113797	12	1.7
Getz 1.5 CRDI GLS	[D4FA]					08.05-	113796	12	1.7
Getz 1.6	[G4ED-G]	09.02-	113657	14	90	09.02-	110479	12	0.9
	[G4ED-G]					09.02-	113659	12	0.9
H-1 2.4	[G4CS]	10.97-	111314	14	90	10.97-	110811	12	1.2
H-1 2.4 Starex	[G4CS]	10.97-	111314	14	90	10.97-	110811	12	1.2
H-1 2.4 Starex 4WD	[G4CS]	10.97-	111343#	14	75	10.97-	110811	12	1.2
H-1 2.5 CRDI	[D4CB]	08.02-	113792	14	110	08.03-	113937	12	2.2
		07.08-	114287	14	110				
H-1 2.5 CRDI Starex						12.02-	113937	12	2.2
H-1 2.5 CRDI Starex 4WD						12.02-	113937	12	2.2
H-1 2.5 Diesel Starex	[D4BB]	10.97-	113330	14	75	10.97-	111461	12	2.2
		AC 10.97-	112333	14	110	10.97-	110809	12	2.0
H-1 2.5 TD	[D4BF]	03.00- 09.00	112205	14	90	03.00- 09.00	110809	12	2.0
		03.00- 09.00	112333	14	110	03.00- 09.00	111912	12	2.2
		03.00- 09.00	113330	14	75	A13 03.00- 09.00	111461	12	2.2
	[D4BH]	09.00-	112205	14	90	09.00-	110809	12	2.0
						03.00- 07.03	111476	12	2.0
						03.00- 07.03	111565	12	2.2
						03.00-	111912	12	2.2
						A13 09.00-	111461	12	2.2
H-1 2.5 TD Starex	[D4BF]	AC 09.00-	112333	14	110	03.00-	110809	12	2.0
		03.00-	112333	14	110	10.97-	111912	12	2.2
		03.00-	113330	14	75	10.97-	111912	12	2.2
		AC 03.00-	112333	14	110	A13 03.00-	111461	12	2.2
	[D4BH]					10.99- 11.01	110809	12	2.0
						10.99- 11.01	111912	12	2.2
						A13 10.99- 11.01	111461	12	2.2
						11.01-	111461	12	2.2
						10.99- 07.03	111476	12	2.0
						10.99- 07.03	111565	12	2.2
H100 2.4	[G4CS]	01.97- 03.00	111314	14	90	01.97-	110811	12	1.2
H100 2.4 Diesel		01.93- 01.00	112500#	14	75				
H100 2.5 Diesel	[D4BA]					07.93- 03.00	110809	12	2.0
		07.93-	111929	14	65	07.94- 03.00	111461	12	2.2
		07.93-	113343	14	65	07.93- 12.94	111912	12	2.2
	[D4BB]					12.94- 03.00	111912	12	2.2
		07.93-	111929	14	65	12.94-	111461	12	2.2
		12.94-	113343	14	65				
		w/o ABS 07.93- 03.00	113343	14	65				
	[D4BX]					07.93-	111461	12	2.2
		07.93-	111929	14	65	07.93- 12.94	111912	12	2.2
		07.93-	113343	14	65				
H100 2.5 TD	[D4BF]					07.93- 03.00	111461	12	2.2
		07.93- 03.00	113343	14	65	07.93- 03.00	111912	12	2.2
	[D4BF]	07.93- 03.00	111929	14	65				
H100 P 2.4	[G4CS]	07.93-	111343#	14	75	07.93-	110811	12	1.2
	[G4CS]	06.97- 03.00	111314	14	90				
H100 P 2.5 Diesel	[D4BA]					07.93- 03.00	110809	12	2.0
		07.93-	111929	14	65	07.93- 12.94	111912	12	2.2
		w/o ABS 07.93- 03.00	113343	14	65	07.94-	111461	12	2.2
	[D4BX]					07.93- 12.94	111461	12	2.2
	[D4BX]					07.93- 12.94	111912	12	2.2
						04.11-	112322	12	0.8
I10 1.1									
I10 1.1 CRDI	[D3FA]	01.08-	113863	14	90				
I20 1.4		09.08-	114467	14	90				
I20 1.6		09.08-	114467	14	90				
I30 1.4	[G4FA]	10.07-	114467	14	90	11.11-	114443	12	0.9
I30 1.6	[G4FC]	10.07-	114467	14	90				
I30 1.6 CRDI	[D4FB]					01.12-	114443	12	0.9
		10.07- 11.11	114495	14	120	10.07-	113797	12	1.7
I30 CW 1.4	[G4FA]	10.07-	114467	14	90	10.07-	114443	12	0.9
I30 CW 1.6	[G4FC]	02.08-	114467	14	90				
I40 CW 1.6 GDI						07.11-	114443	12	0.9
Ix20 1.4 CRDI	[D4FC-M]					06.11-	113797	12	1.7
Ix20 1.6 CRDI	[D4FB]					06.11-	113797	12	1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

HYUNDAI Continued

Lantra 1.5 12V	[G4EK]	12.96-	111309	14	75	12.96-	110315	12	0.9
		12.96- 09.00	111405	14	90	AT 12.96-	110958	12	0.9
Lantra 1.5 i	[G15B]	10.90- 11.95	110659	14	75	10.90- 11.95	110958	12	0.9
		10.90- 11.95	110660	14	65	10.90- 11.95	110315	12	0.9
	10.90- 11.95	112531	14	60	10.90- 11.95	110158	12	1.2	
	[G4DJ]	10.90- 11.95	110659	14	75	10.90- 11.95	110958	12	0.9
Lantra 1.6	[G4GR]	10.90- 11.95	110660	14	65	10.90- 11.95	110315	12	0.9
		10.90- 11.95	112531	14	60	10.90- 11.95	110158	12	1.2
	11.95-	111309	14	75	11.95-	111307	12	1.2	
	11.95-	111405	14	90	AT 11.95-	111306	12	1.2	
Lantra 1.6 16V	[G4GR]					AT 11.95-	111380		
	[4G61]	11.95-	111405	14	90	11.95-	111307	12	1.2
Lantra 1.6 i 16V	[4G61]	11.95-	111309	14	75	AT 11.95-	111380		
	[G4CR]	10.90- 11.95	110802	14	75	AT 10.90- 11.95	111380		
Lantra 1.8 16V	[G4GM]	10.90- 11.95	110804	14	90	10.90- 04.95	111305	12	1.2
		10.90- 11.95	110811	14	90	10.90- 11.95	110811	12	1.2
		11.95-	111309	14	75	AT 11.95-	111380		
Lantra 1.8 i 16V	[G4CN]	11.95-	111405	14	90	AT 11.95-	111306	12	1.2
						11.95-	111307	12	1.2
		10.90- 11.95	110802	14	75	10.90- 11.95	110811	12	1.2
Lantra 1.8 i 16V	[G4CN]	10.90- 11.95	110804	14	90	AT 10.90- 11.95	111380		
Lantra 1.9 Diesel	[DJY]					06.92- 04.95	111305	12	1.2
Lantra 2.0 16V	[G4GF]	03.98- 09.00				03.98- 09.00	111070	12	1.7
		08.96-	111309	14	75	08.96- 09.00	114460	12	1.4
	08.96-	111405	14	90	AT 08.96- 09.00	111306	12	1.2	
Matrix 1.5 CRDI	[D3-EA]					08.96- 09.00	111307	12	1.2
						AT 08.96- 09.00	111380		
						06.01-	113659	12	0.9
						10.01-	113796	12	1.7
Matrix 1.5 CRDI VGT	[D4FA]					12.04-	113797	12	1.7
	[D4FA]					08.05-	113797	12	1.7
Matrix 1.6	[G4ED-G]	06.01-	113657	14	90	06.01-	113659	12	0.9
Matrix 1.8	[G4GB-G]	06.01-	111309	14	75	AT 06.01- 04.04	111306	12	1.2
		06.01-	113657	14	90	06.01-	111307	12	1.2
Pony 1.2	X1	06.74-	110140	14	50	06.74-	110158	12	1.2
						06.74-	110157	12	1.0
Pony 1.3	[G13B]	10.85- 09.89	110140	14	50	10.85- 09.89	110158	12	1.2
		10.85- 09.89	110660	14	65	10.85- 09.89	110315	12	0.9
	[G4DG]	10.89- 01.95	110659	14	75	01.90- 01.95	110315	12	0.9
		10.89- 01.95	112531	14	60	10.89- 01.95	110157	12	1.0
Pony 1.4		10.89- 01.95	110479	14	90	10.89- 01.95	110479	12	0.9
		08.77- 09.85	110140	14	50	10.78- 09.85	110157	12	1.0
						08.77-	110158	12	1.2
Pony 1.5	[G15B]	08.77-	110315	12	0.9				
		10.85- 01.91	110660	14	65	10.85- 01.95	110479	12	0.9
	01.91- 01.95	110659	14	75	AT 12.91- 01.95	111379			
	01.91- 01.95	112531	14	60	10.85- 01.95	110157	12	1.0	
Pony 1.5 i	[G4DJ]	AT 10.89- 11.91	110315	12	0.9	AT 10.89- 11.91	110315	12	0.9
		10.85- 09.89	110315	12	0.9	10.85- 09.89	110315	12	0.9
	[G4DJ]	10.85- 01.91	110660	14	65	AT 11.91- 01.95	110958	12	0.9
		01.91- 01.95	110659	14	75	AT 10.85- 01.95	110315	12	0.9
		01.91- 01.95	112531	14	60	10.85- 01.95	110479	12	0.9
						10.85- 09.89	110157	12	1.0
Pony 1.5 i	[G15B]	10.89- 01.91	110660	14	65	AT 12.91- 01.95	111379		
		01.91- 01.95	110659	14	75	10.89- 01.95	110157	12	1.0
	01.91- 01.95	112531	14	60	AT 10.89- 11.91	110315	12	0.9	
	[G4DJ]	01.90- 01.95	110479	14	90	01.90- 01.95	110479	12	0.9
Porter 2.4	[G4CS]	10.89- 01.91	110660	14	65	AT 11.91- 01.95	110958	12	0.9
		01.91- 01.95	110659	14	75	10.89- 01.95	110479	12	0.9
	01.91- 01.95	112531	14	60	AT 10.89- 01.95	110315	12	0.9	
						01.90- 01.95	110479	12	0.9
Porter 2.5 CRDI	[G4CS]					01.91- 01.95	112531	14	60
Santa Fe 2.0	[G4BP]	01.97-				01.97-	110811	12	1.2
	[G4BP]	02.03- 04.04	113937	12	2.2				
Santa Fe 2.0 CRDI	[G4BP]	08.00- 09.02	113517	14	110	08.01-	113658		
	[G4BP]	08.01-	113328	14	120	08.01-	113521	12	1.2
Santa Fe 2.0 CRDI 4WD	[D4EA]					AT 08.01-	113638	12	1.4
	[D4EA]	04.01-	113329	12	2.0	04.01-	113329	12	2.0
Santa Fe 2.0 CRDI 4WD	[D4EA]	08.01-	113517	14	110	08.01-	113329	12	2.0
	[D4EA]	08.01-	113328	14	120				
Santa Fe 2.4 16V	[D4EA-V]	04.01-	113328	14	120	08.03-	113329	12	2.0
	[D4EA]	04.01-	113328	14	120				
Santa Fe 2.4 16V 4WD	[G4JS-G]	02.00- 09.02	113517	14	110	02.00-	113521	12	1.2
	[G4JS-G]					02.01-	113658		
Santa Fe 2.4 16V 4WD	[G4JS-G]	02.00- 09.02	113517	14	110	02.00-	113521	12	1.2
	[G4JS-G]					02.01-	113658		
Santamo 2.0 16V	[G6BA-G]	02.01-	113652	14	110	01.98- 12.00	113805	12	1.2
		05.99- 12.00	110802	14	75	05.99-	110811	12	1.2
Santamo 2.0 16V 4WD		05.99-	110804	14	90	05.99-	110315	12	0.9
		05.99-	110804	14	90	05.99- 12.02	111305	12	1.2
Satellite 2.4 i		05.99-	110802	14	75	05.99- 12.02	110811	12	1.2
		05.99- 12.02	110315	12	0.9				
Satellite 2.5 TD	[G4CS]	10.97-	111314	14	90	10.97-	110811	12	1.2
Scoupe 1.5 i Turbo	[4D56TC]	10.97-	112333	14	110				
	[G4EK-TC]	01.90- 04.95	111309	14	75	04.91-	110315	12	0.9
Scoupe 1.5 i	[G15B]	02.90-	110659	14	75	02.90- 06.92	110315	12	0.9
		02.90-	112531	14	60	02.90- 06.92	110157	12	1.0
					AT 11.91- 06.92	111379			
	[G4DJ]	02.90-	110659	14	75	PS 02.90- 10.91	110315	12	0.9
		02.90- 06.92	110660	14	65	AT 11.91-	110958	12	0.9
		02.90-	112531	14	60	02.90-	110479	12	0.9
Sonata 1.8 i	[G4EK]	04.92-	111375	14	75	AT 04.92-	110958	12	0.9
						04.92-	110315	12	0.9
					04.92-	110479	12	0.9	
	[4G62]					AT 09.88- 10.93	111380		
Sonata 2.0	[G4CM]					08.88- 05.89	110158	12	1.2
						05.89- 10.93	110811	12	1.2
					06.88- 06.93	111305	12	1.2	
					AT 05.93- 06.98	111380			
Sonata 2.0	[G4JP-EG]					Only G4CM 07.93- 06.98	111305	12	1.2
						05.93- 06.98	110811	12	1.2
					AT 10.01- 11.04	113638	12	1.4	
Sonata 2.0 16V	[G4JP-G]	04.01-	113521	12	1.2	04.01-	113521	12	1.2
		06.98-	112327	14	100	11.04-	113658		
					AT 06.98- 10.01	113638	12	1.4	
Sonata 2.0 i 16V	[G4CP-D]	06.98- 10.01				06.98- 10.01	113521	12	1.2
		01.91- 10.93	110804	14	90	06.98- 10.01	113658		
					AT 01.91- 10.93	111380			
					Only G4CP 09.90- 06.93	111305	12	1.2	
[G4CP-DM]	01.91- 10.93					01.91- 10.93	110811	12	1.2
	01.95-	110802	14	75	AT 06.96-	111380			
	06.96-	110804	14	90	06.96-	110811	12	1.2	



Sonata 2.0 i	[G4CP]	09.88- 08.91	110957	14	75	AT 05.89- 06.98	111380		
		06.94- 06.98	110802	14	75	05.89- 06.98	110811	12 1.2	
	[G4CP]	06.94- 06.98	110804	14	90	Only G4CP 06.88- 08.98	111305	12 1.2	
	[G4CP-U]	01.91- 01.94	110957	14	75	09.88- 05.89	110158	12 1.2	
						01.91- 10.93	110811	12 1.2	
						AT 01.91- 10.93	111380		
						01.91- 10.93	110158	12 1.2	
Sonata 2.4 16V	[G4CS]					AT 03.98- 10.01	113638	12 1.4	
						03.98- 10.01	113658		
Sonata 2.4 i	[G4CS]	09.88- 08.91	110957	14	75	09.88- 08.91	111380		
	[G4CS]					01.89- 01.93	111305	12 1.2	
Sonata 2.5 V6 24V	[G6BV-G]	06.98- 10.01	113652	14	110	06.98- 10.01	113805	12 1.2	
						06.98- 10.01	113753	12 0.9	
Sonata 2.5 V6	[G6AV]	08.98- 09.01	113652	14	110	08.98- 09.01	113805	12 1.2	
	[G6AV]					AT 08.98- 09.01	113020	12 1.2	
Sonata 2.7 i V6	[G6BA]	10.01- 05.05	113653#	14	120	10.01- 05.05	113020	12 1.2	
Sonata 2.7 V6	[G6BA]					11.02- 11.04	111307	12 1.2	
	[G6BA-G]					01.01-	111308#		
Sonata 3.0 i V6	[G6AT]	01.91- 01.94	110803#	14	90	05.93-	111242#	12 1.2	
			111406	14	110	01.91- 10.93	111241	12 1.2	
Starex 2.4	[G4CS]	06.97-	111314	14	90	06.97-	110811	12 1.2	
Starex 2.4 4WD	[G4CS]	02.98-	111314	14	90	02.98-	110811	12 1.2	
Starex 2.5 TD	[D4BF]	06.97-	112205	14	90	06.97-	110809	12 2.0	
		06.97-	113330	14	75	A13 06.97-	111461	12 2.2	
	[D4BF]	06.97-	112333	14	110				
Starex 2.5 TD 4WD	[D4BF]	02.98-	112205	14	90	02.98-	110809	12 2.0	
		02.98-	112333	14	110	A13 02.98-	111461	12 2.2	
		02.98-	113330	14	75				
Stellar 1.4	[G32B]	10.83- 08.86	110140	14	50	10.83- 08.86	110157	12 1.0	
Stellar 1.6	[G32B]	10.83- 12.91	110140	14	50	10.83- 12.91	110157	12 1.0	
	[G32B]								
Stellar 1.8						03.84- 01.92	110157	12 1.0	
Terracan 2.5 TD	[D4BH]					12.01-	111461	12 2.2	
Terracan 2.9 CRDI	[J3]	12.01-	113331	14	110				
Terracan 3.5 i V6 4WD	[G6CU]					12.01-	111241	12 1.2	
Trajjet 2.0	[G4GC-G]	01.00-	113517	14	110	03.04-	113521	12 1.2	
	[G4JP-G]	03.00-	113517	14	110	01.04-	113638	12 1.4	
		01.04-	113657	14	90	01.04-	113658		
						AT 03.00-	113638	12 1.4	
						03.00-	113658		
						03.00-	113521	12 1.2	
Trajjet 2.0 CRDI	[D4EA]	04.01-	113328	14	120	04.01-	113329	12 2.0	
Trajjet 2.7 V6	[G6BA-G]	09.00-	113652	14	110	01.00-	113805	12 1.2	
Tucson 2.0	[G4GC]	08.04-	113657	14	90	04.04- 07.04	111307	12 1.2	
Tucson 2.0 4WD	[G4GC]	08.04-	113657	14	90	04.04- 07.04	111307	12 1.2	
Tucson 2.0 CRDI	[D4EA]	04.04-	113328	14	120	04.04-	113329	12 2.0	
Tucson 2.0 CRDI 4WD	[D4EA]	04.04-	113328	14	120	04.04-	113329	12 2.0	
Tucson 2.7 4WD	[G6BA-G]	08.04-	113652	14	110				
XG 3.0 V6	[G6CT-G]	12.98-	113653#	14	120	12.98-	113805	12 1.2	
						12.98-	113753	12 0.9	
XG 3.5 350	[G6CU]	04.03-	113653#	14	120				
<b>PASSENGER CARS US</b>									
Accent 1.5	[G4EK]	01.98- 01.02	111309	14	75	01.98- 01.01	110158	12 1.2	
		01.98- 01.01	111405	14	90	01.98- 01.01	110958	12 0.9	
		01.95- 01.96	111309	14	75	01.95- 01.96	110158	12 1.2	
						01.95- 01.96	110958	12 0.9	
Accent 1.5 GL		01.97- 01.97	111405	14	90	01.95- 01.97	110158	12 1.2	
		01.95- 01.97	111309	14	75	01.95- 01.97	110958	12 0.9	
Accent 1.5 GS		01.97- 01.97	111309	14	75	01.97- 01.97	110158	12 1.2	
		01.97- 01.97	111405	14	90	01.97- 01.97	110958	12 0.9	
Accent 1.5 GT		01.96- 01.97	111309	14	75	01.96- 01.97	110158	12 1.2	
						01.96- 01.97	110958	12 0.9	
Accent 1.5 L		01.95- 01.97	111309	14	75	01.95- 01.97	110158	12 1.2	
						01.95- 01.97	110958	12 0.9	
Accent 1.6		01.01- 01.02	111309	14	75	12.02-	113659	12 0.9	
						01.01- 01.01	110958	12 0.9	
Elantra 1.6		06.91- 01.95	110802	14	75	01.90- 01.95	111305	12 1.2	
						01.92- 01.95	110811	12 1.2	
Elantra 1.6 GL		01.92- 01.95	110802	14	75	09.95-	111305	12 1.2	
						09.95-	111306	12 1.2	
						09.95-	111307	12 1.2	
						01.92- 01.95	110811	12 1.2	
Elantra 1.6 GLS		01.92- 01.94	110802	14	75	01.92- 01.94	110811	12 1.2	
Elantra 1.8	[G4CN]	01.98- 01.98	111405	14	90	01.93-	111305	12 1.2	
						01.98- 01.98	111306	12 1.2	
						01.98- 01.98	111307	12 1.2	
		01.95- 01.97	111405	14	90	01.96- 01.97	111306	12 1.2	
		01.93- 01.95	110802	14	75	01.96- 01.97	111307	12 1.2	
						01.93- 01.95	111305	12 1.2	
						01.93- 01.95	110811	12 1.2	
Elantra 1.8 GL		01.93- 01.95	110802	14	75	01.93- 01.95	110811	12 1.2	
Elantra 1.8 GLS		01.96- 01.97	111405	14	90	01.96- 01.97	111306	12 1.2	
		01.93- 01.95	110802	14	75	01.96- 01.97	111307	12 1.2	
						01.93- 01.95	110811	12 1.2	
Elantra 2.0	[G4CP]	01.99- 01.01	111405	14	90	01.99- 01.01	111306	12 1.2	
						01.99- 01.01	111307	12 1.2	
Elantra 2.0 GLS	[G4CP]	01.02- 01.02	111309	14	75	01.02- 01.03	111306	12 1.2	
		01.03- 01.03	113657	14	90	01.02- 01.03	111307	12 1.2	
		01.04-	113657	14	90				
Elantra 2.0 GT	[G4CP]	01.02-	111309	14	75	01.02- 01.03	111307	12 1.2	
		01.03- 01.03	113657	14	90	01.02- 01.03	111306	12 1.2	
		01.04-	113657	14	90				
Excel 1.5		01.91- 01.94	110659	14	75	01.91- 01.94	110157	12 1.0	
		01.91- 07.94	111309	14	75	PS 01.91- 01.94	110315	12 0.9	
						01.91- 01.94	110158	12 1.2	
Excel 1.5 CX		01.93- 01.94	110659	14	75	01.93- 01.94	110158	12 1.2	
		01.93- 07.94	111309	14	75	01.93- 01.94	110958	12 0.9	
Excel 1.5 CXL		01.92- 01.94	110659	14	75	01.92- 01.94	110157	12 1.0	
		01.92- 07.94	111309	14	75	AT 01.92- 01.94	110315	12 0.9	
						01.92- 01.94	110158	12 1.2	
						01.92- 01.94	110958	12 0.9	
Excel 1.5 GL						01.90- 01.94	110157	12 1.0	
		01.86- 01.89	110140	14	50	AT 01.90- 01.94	110315	12 0.9	
		01.90- 01.94	110659	14	75	01.86- 01.94	110158	12 1.2	
		01.90- 07.94	111309	14	75				
Excel 1.5 GLS		01.86- 01.89	110140	14	50				
						01.90- 01.91	110157	12 1.0	
		01.90- 01.91	110659	14	75	AT 01.90- 01.91	110315	12 0.9	
		01.90- 01.91	111309	14	75	01.86- 01.91	110158	12 1.2	
Excel 1.5 GS		01.92- 01.94	110659	14	75	01.92- 01.94	110157	12 1.0	
		01.92- 07.94	111309	14	75	AT 01.92- 01.94	110315	12 0.9	
						01.92- 01.94	110158	12 1.2	
						01.92- 01.94	110958	12 0.9	
Excel 1.5 L		01.91- 01.92	110659	14	75	04.89- 01.92	110157	12 1.0	
		01.91- 01.92	111309	14	75	AT 01.91- 01.92	110315	12 0.9	
						01.86- 01.92	110158	12 1.2	
		01.86- 01.90	110140	14	50				
Pony 1.4		01.84-	110140	14	50				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

HYUNDAI Continued

Pony 1.4 GL Deluxe		01.83-	110140	14	50				
Pony 1.4 GLS Glory		01.83-	110140	14	50				
Pony 1.4 L		01.83-	110140	14	50				
Pony 1.5 GLS Glory		01.86-	110140	14	50				
Pony 1.5 L		01.86-	110140	14	50				
Pony 1.6		01.84-	110140	14	50				
Pony 1.6 GL Deluxe		01.87-	110140	14	50				
Pony 1.6 GLS Glory		01.85-	110140	14	50				
Santa Fe 2.4						01.01-	01.02	113638	12 1.4
Santa Fe 2.7						01.01-	01.02	113020	12 1.2
Scoupe 1.5		02.90-	06.92	110659	14	75	01.91-	01.95	110158 12 1.2
		01.93-	01.95	111309	14	75			
Scoupe 1.5 LS		01.93-	01.95	111309	14	75	01.91-	01.95	110158 12 1.2
		01.91-	01.92	110659	14	75			
Scoupe 1.5 Turbo		01.93-	01.95	111309	14	75	01.93-	01.95	110158 12 1.2
Sonata 2.0	[G4CP]	01.98-	01.98	110802	14	75	01.98-	01.98	110811 12 1.2
		01.98-	01.98	110804	14	90			
		01.92-	01.97	110802	14	75	01.92-	01.97	110811 12 1.2
		01.92-	01.97	110804	14	90			
Sonata 2.0 GL		01.92-	01.97	110804	14	90	01.92-	01.97	110811 12 1.2
		01.92-	01.97	110802	14	75			
Sonata 2.0 GLS		01.92-	01.94	110802	14	75	01.92-	01.94	110811 12 1.2
		01.92-	01.94	110804	14	90			
Sonata 2.4		01.89-	01.91	110659	14	75	01.99-	01.03	113638 12 1.4
		01.99-	01.03	112327	14	100	01.99-	01.03	113521 12 1.2
						01.89-	01.93	111305	12 1.2
						01.89-	01.91	110811	12 1.2
Sonata 2.4 Deluxe		01.89-	01.89	110659	14	75	01.89-	01.89	110811 12 1.2
Sonata 2.4 GL		01.89-	01.91	110659	14	75	01.89-	01.93	111305 12 1.2
						01.89-	01.91	110811	12 1.2
Sonata 2.4 GLS		01.89-	01.91	110659	14	75	01.89-	01.91	110811 12 1.2
Sonata 2.4 Sport Deluxe		01.89-	01.89	110659	14	75	01.89-	01.89	110811 12 1.2
Sonata 2.5		01.99-	01.01	113652	14	110	01.99-	01.01	113020 12 1.2
Sonata 2.7 GLS						01.02-	01.02	113020	12 1.2
Sonata 3.0	[G6AT]	01.98-	01.98	111406	14	110	01.98-	01.98	111242# 12 1.2
		01.90-	01.94	110803#	14	90	01.90-	01.94	111241 12 1.2
Sonata 3.0 GL		01.95-	01.97	111406	14	110	01.95-	01.97	111242# 12 1.2
		01.90-	01.94	110803#	14	90	01.90-	01.94	111241 12 1.2
Sonata 3.0 GLS		01.95-	01.97	111406	14	110	01.95-	01.97	111242# 12 1.2
		01.90-	01.94	110803#	14	90	01.90-	01.94	111241 12 1.2
Stellar 1.5 GSL Super		01.86-	110140	14	50				
Stellar 1.5 SL Deluxe		01.86-	110140	14	50				
Stellar 1.6 GSL Super		01.85-	110140	14	50				
Stellar 1.6 SL Deluxe		01.85-	110140	14	50				
Tiburon 1.8		01.97-	01.97	111405	14	90	01.97-	01.97	111306 12 1.2
						01.97-	01.97	111307	12 1.2
Tiburon 2.0	[G4CP]	01.98-	01.01	111405	14	90	01.98-	01.01	111307 12 1.2
						01.98-	01.01	111306	12 1.2
		01.03-	113657	14	90				
Tiburon 2.0 FX	[G4CP]	01.98-	01.98	111405	14	90	01.98-	01.98	111307 12 1.2
						01.98-	01.98	111306	12 1.2
		01.97-	01.97	111405	14	90	01.97-	01.97	111307 12 1.2
						01.97-	01.97	111306	12 1.2
XG300 3.0						01.01-	01.01	113020	12 1.2
XG350 3.5						01.02-	01.02	113020	12 1.2
XG350 3.5 L						01.02-	01.02	113020	12 1.2
<b>PASSENGER CARS AO</b>									
Elantra 1.8		06.00-	07.03	113657	14	90			
Getz 1.5 CRDI GLS	[D4FA]					07.04-	08.05	113796	12 1.7
H-1 2.5 Diesel	[D4BH]	06.00-	10.05	112333	14	110	06.00-	10.05	111565 12 2.2
		06.00-	10.05	113330	14	75	06.00-	10.05	111461 12 2.2
						06.00-	10.05	111476	12 2.0
						06.00-	10.05	113445	12 2.2
Porter 2.5 TD	[D4BA]					07.94-	110809	12	2.0
Sonata 1.8 GLS	[G4DM]					06.98-	113638	12	1.4
Starex 2.5 CRDI						12.02-	113937	12	2.2
Stellar 2.0 GSL	F31_, SF2_					06.86-	01.92	110157	12 1.0
<b>INDUSTRY</b>									
360	[6D22.]							112342	24 5.5
<b>IFA</b>									
<b>TRUCKS EU</b>									
W50 14.5						01.75-	12.90	110511	24 4.0
<b>Ikarus</b>									
<b>TRUCKS EU</b>									
200	[MAN-D2866]	08.91-	111842	28	140				
247 S50G		01.98-	111976#	28	180				
Various Models			110544	28	125			08.91-	110550 24 4.0
						Bus 03.73-	110600		
<b>Infiniti</b>									
<b>PASSENGER CARS EU</b>									
G20 2.0	[SR20DE]	01.90-	12.97	111268	14	80			
I 30 3.0	[VQ30DE]	01.97-	111381	14	110				
M30 3.0	[VG30E]	01.89-	12.93	111265#	14	90	01.90-	01.92	113817 12 1.4
Q45 4.5	[VH45D]					01.90-	12.93	112580	12 1.7
QX4 3.3	[VG33E]	01.97-	113421#	14	80				
<b>PASSENGER CARS US</b>									
G20 2.0	[SR20DE]	01.91-	01.96	111264	14	80	01.91-	01.99	111608 12 1.4
		01.91-	01.95	111080#	14	80	01.91-	01.95	111080# 12 1.4
I 30 3.0	[VQ30DE]	01.96-	01.97	113161	14	125	01.96-	01.01	111382 12 1.4
		01.98-	01.99	111381	14	110			
J30 3.0	[VG30DE]					01.93-	01.97	113041#	12 1.4
M30 3.0	[VG30E]					01.90-	01.92	113817	12 1.4
Q45 4.1	[VH41DE]	01.97-	01.01	112981#	14	110			
Q45 4.5	[VH45DE]					01.90-	01.96	112580	12 1.7
QX4 3.3	[VG33E]	01.97-	01.00	113421#	14	80	01.97-	01.00	113045 12 1.4
		01.97-	01.00	113425	14	100			
QX4 3.5	[VQ35DE]	01.01-	01.02	113420	14	110			
<b>Ingersoll Rand</b>									
<b>MISC.</b>									
VR 1044 5.9	[4BT3.9]					01.99-	112253	12	2.5
VR 1056 5.9	[4BT3.9]					01.99-	112253	12	2.5
VR 843 5.9	[4BT3.9]					01.99-	112253	12	2.5
<b>Innocent</b>									
<b>PASSENGER CARS EU</b>									
Elba 1.4 i.e.	[146C.5000]	09.94-	12.96	113472	14	65	09.94-	12.96	112289 12 0.8
	[146D.5000]	09.94-	12.96	113472	14	65	09.94-	12.96	112289 12 0.8
	[146C.5000]	09.94-	12.96	113473#	14	65			
	[146D.5000]	09.94-	12.96	113473#	14	65			
Elba 1.5 i.e.	[149C1.000]	03.92-	08.93	111035	14	65	08.92-	09.94	112289 12 0.8
Elba 1.6 i.e.	[146D6.000]	09.94-	12.96	113472	14	65	09.94-	12.96	112289 12 0.8
	[146C6.000]	09.94-	12.96	113472	14	65			
		09.94-	12.96	113473#	14	65			
	[146D6.000]	09.94-	12.96	113473#	14	65			
<b>International</b>									
<b>PASSENGER CARS US</b>									
100 4.2		01.74-	01.74	110233	14	63			
		01.74-	01.74	110505	14	75			



100 5.0	01.74- 01.74	110233	14	63	01.74- 01.74	112233	12
	01.74- 01.74	110505	14	75			
100 5.6	01.74- 01.74	110233	14	63	01.74- 01.74	112233	12
	01.74- 01.74	110505	14	75			
100 6.4					01.74- 01.74	112233	12
150 5.0	01.75- 01.75	110233	14	63	01.75- 01.75	112233	12
	01.75- 01.75	110505	14	75			
150 5.6	01.75- 01.75	110233	14	63	01.75- 01.75	112233	12
	01.75- 01.75	110505	14	75			
150 6.4					01.75- 01.75	112233	12
200 4.2	01.74- 01.74	110233	14	63			
	01.74- 01.74	110505	14	75			
200 5.0	01.74- 01.75	110233	14	63	01.74- 01.75	112233	12
	01.74- 01.75	110505	14	75			
200 5.6	01.74- 01.75	110233	14	63	01.74- 01.75	112233	12
	01.74- 01.75	110505	14	75			
200 6.4					01.74- 01.74	112233	12
1000 3.8 B	01.69- 01.69	110215#	14	90			
	01.69- 01.69	110075	14	60			
1000 3.8 C	01.69- 01.69	110215#	14	90			
	01.69- 01.69	110075	14	60			
1000 3.8 D	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
1000 3.9 C	01.69- 01.69	110215#	14	90			
	01.69- 01.69	110075	14	60			
1000 3.9 D	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
1000 4.4 B	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1000 4.4 C	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1000 4.4 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			
1000 5.0 B	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1000 5.0 C	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1000 5.0 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			
1010 3.8	01.71- 01.71	110233	14	63			
	01.71- 01.71	110937	14	200			
	01.71- 01.71	110505	14	75			
1010 4.2	01.72- 01.73	110233	14	63			
	01.72- 01.73	110937	14	200			
	01.72- 01.73	110505	14	75			
1010 5.0	01.72- 01.73	110937	14	200	01.72- 01.73	112233	12
	01.72- 01.73	110233	14	63			
	01.72- 01.73	110505	14	75			
1010 5.7	01.71- 01.73	110233	14	63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14	75			
1010 6.4					01.72- 01.73	112233	12
1100 3.8 B	01.69- 01.69	110215#	14	90			
	01.69- 01.69	110075	14	60			
1100 3.8 C	01.69- 01.69	110215#	14	90			
	01.69- 01.69	110075	14	60			
1100 3.8 D	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
1100 3.9 D	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
1100 4.4 B	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1100 4.4 C	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1100 4.4 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			
1100 5.0 B	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1100 5.0 C	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1100 5.0 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			
1110 3.8	01.71- 01.71	110233	14	63			
	01.71- 01.71	110937	14	200			
	01.71- 01.71	110505	14	75			
1110 4.2	01.72- 01.73	110233	14	63			
	01.72- 01.73	110937	14	200			
	01.72- 01.73	110505	14	75			
1110 5.0	01.72- 01.73	110937	14	200	01.72- 01.73	112233	12
	01.72- 01.73	110233	14	63			
	01.72- 01.73	110505	14	75			
1110 5.7	01.71- 01.73	110233	14	63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14	75			
1110 6.4					01.72- 01.73	112233	12
1200 3.9 D	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
1200 4.4 B	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1200 4.4 C	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1200 4.4 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			
1200 5.0 B	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1200 5.0 C	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1200 5.0 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			
1210 3.8	01.71- 01.71	110937	14	200			
	01.71- 01.71	110233	14	63			
	01.71- 01.71	110505	14	75			
1210 4.2	01.72- 01.73	110233	14	63			
	01.72- 01.73	110937	14	200			
	01.72- 01.73	110505	14	75			
1210 5.0	01.72- 01.73	110233	14	63	01.72- 01.73	112233	12
	01.72- 01.73	110937	14	200			
	01.72- 01.73	110505	14	75			
1210 5.7	01.71- 01.73	110233	14	63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14	75			
1210 6.4					01.72- 01.73	112233	12
1300 3.9 D	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
1300 4.4 B	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1300 4.4 C	01.68- 01.69	110215#	14	90	01.68- 01.69	112233	12
	01.68- 01.69	110075	14	60			
1300 4.4 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			





Application list

**INTERNATIONAL** *Continued*

1300 5.0 B	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1300 5.0 C	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
1300 5.0 D	01.69- 01.70	110215#	14	90	01.69- 01.70	112233	12
	01.69- 01.70	110075	14	60			
1310 3.8	01.71- 01.71	110233	14	63			
	01.71- 01.71	110937	14	200			
	01.71- 01.71	110505	14	75			
1310 4.2	01.72- 01.73	110937	14	200			
	01.72- 01.73	110505	14	75			
	01.72- 01.73	110233	14	63			
1310 5.0	01.72- 01.73	110233	14	63	01.72- 01.73	112233	12
	01.72- 01.73	110937	14	200			
	01.72- 01.73	110505	14	75			
1310 5.0	01.71- 01.72	110233	14	63	01.71- 01.72	112233	12
	01.71- 01.72	110937	14	200			
	01.71- 01.72	110505	14	75			
1310 5.7	01.71- 01.73	110233	14	63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14	75			
1310 6.4					01.72- 01.73	112233	12
908B 4.4	01.68- 01.68	110215#	14	90	01.68- 01.68	112233	12
	01.68- 01.68	110075	14	60			
908B 5.0	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
908C 4.4	01.68- 01.68	110215#	14	90	01.68- 01.68	112233	12
	01.68- 01.68	110075	14	60			
908C 5.0	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
DM10 4.2	01.72- 01.72	110233	14	63			
	01.72- 01.72	110937	14	200			
	01.72- 01.72	110505	14	75			
DM10 5.0	01.72- 01.72	110233	14	63	01.72- 01.72	112233	12
	01.72- 01.72	110937	14	200			
	01.72- 01.72	110505	14	75			
M Series 2.5	01.61- 01.67	110215#	14	90	01.61- 01.67	112233	12
	01.61- 01.67	110075	14	60			
M Series 3.6	01.63- 01.65	110215#	14	90			
	01.63- 01.65	110075	14	60			
M1100 2.5	01.68- 01.71	110215#	14	90	01.68- 01.71	112233	12
	01.68- 01.71	110075	14	60			
M1100 3.2	01.71- 01.71	110233	14	63	01.71- 01.71	112233	12
	01.71- 01.71	110505	14	75			
M1100 3.8	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
M1100 4.2	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
M1100 5.0	01.69- 01.72	110215#	14	90	01.69- 01.72	112233	12
	01.69- 01.72	110075	14	60			
M1200 3.8	01.71- 01.71	110233	14	63			
	01.71- 01.71	110505	14	75			
	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
M1200 4.2	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
M1200 4.4	01.68- 01.68	110215#	14	90	01.68- 01.68	112233	12
	01.68- 01.68	110075	14	60			
M1200 5.0	01.69- 01.72	110215#	14	90	01.69- 01.72	112233	12
	01.69- 01.72	110075	14	60			
M1400 3.8	01.69- 01.69	110215#	14	90			
	01.69- 01.69	110075	14	60			
M1400 5.0	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
M800 2.5	01.68- 01.71	110215#	14	90	01.68- 01.71	112233	12
	01.68- 01.71	110075	14	60			
M800 2.5 Post office	01.71- 01.71	110233	14	63	01.71- 01.71	112233	12
	01.71- 01.71	110505	14	75			
M800 3.8	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
M800 3.8 Navy	01.69- 01.69	110215#	14	90			
	01.69- 01.69	110075	14	60			
M800 3.8 Post office	01.69- 01.70	110215#	14	90			
	01.69- 01.70	110075	14	60			
M800 4.2 Post office	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
M800 5.0	01.69- 01.71	110215#	14	90	01.69- 01.71	112233	12
	01.69- 01.71	110075	14	60			
M800 5.0 Navy	01.69- 01.69	110215#	14	90	01.69- 01.69	112233	12
	01.69- 01.69	110075	14	60			
M800 5.0 Post office	01.69- 01.72	110215#	14	90	01.69- 01.72	112233	12
	01.69- 01.72	110075	14	60			
MA1200 3.8	01.69- 01.70	110075	14	60			
	01.71- 01.71	110233	14	63			
	01.71- 01.71	110505	14	75			
	01.69- 01.70	110215#	14	90			
MA1200 4.4	01.68- 01.68	110215#	14	90	01.68- 01.68	112233	12
	01.68- 01.68	110075	14	60			
MA1200 5.0	01.69- 01.71	110215#	14	90	01.69- 01.71	112233	12
	01.69- 01.71	110075	14	60			
MHC1310 4.2	01.74- 01.75	110233	14	63			
	01.74- 01.75	110937	14	200			
	01.74- 01.75	110505	14	75			
MHC1310 5.0	01.74- 01.75	110233	14	63	01.74- 01.75	112233	12
	01.74- 01.75	110937	14	200			
	01.74- 01.75	110505	14	75			
MHC1310 5.0	01.74- 01.75	110233	14	63	01.74- 01.75	112233	12
	01.74- 01.75	110937	14	200			
	01.74- 01.75	110505	14	75			
MS1210 4.2	01.72- 01.75	110233	14	63			
	01.74- 01.75	110937	14	200			
	01.72- 01.75	110505	14	75			
MS1210 5.0	01.72- 01.74	110505	14	75	01.72- 01.74	112233	12
	01.72- 01.74	110233	14	63			
	01.74- 01.74	110937	14	200			
MS1210 5.6	01.75- 01.75	110233	14	63	01.75- 01.75	112233	12
	01.75- 01.75	110505	14	75			
Scout 2.5	01.61- 01.71	110215#	14	90	01.61- 01.71	112233	12
	01.61- 01.71	110075	14	60			
Scout 3.2	01.68- 01.68	110215#	14	90	01.68- 01.80	112233	12
	01.68- 01.68	110075	14	60			
	01.71- 01.80	110233	14	63			
	01.71- 01.80	110505	14	75			
Scout 3.2 SS2					01.78- 01.80	112233	12
Scout 3.2 Terra					01.76- 01.80	112233	12
Scout 3.2	01.76- 01.79	110233	14	63	01.76- 01.79	112233	12
	01.76- 01.79	110505	14	75			
Scout 3.2 Turbo	[6-33T]				01.80- 01.80	112233	12



Scout 3.8		01.71- 01.71	110233	14	63		01.71- 01.71	112233	12
		01.71- 01.71	110505	14	75				
Scout 4.3		01.69- 01.70	110215#	14	90		01.69- 01.70	112233	12
		01.69- 01.70	110075	14	60				
Scout 4.4		01.68- 01.68	110215#	14	90		01.68- 01.68	112233	12
		01.68- 01.68	110075	14	60				
Scout 5.0		01.69- 01.70	110075	14	60		01.69- 01.80	112233	12
		01.69- 01.70	110215#	14	90				
		01.71- 01.80	110233	14	63				
		01.71- 01.80	110505	14	75				
Scout 5.0 SS2		01.78- 01.79	110233	14	63		01.78- 01.79	112233	12
		01.78- 01.79	110505	14	75				
Scout 5.0 Terra		01.76- 01.80	110233	14	63		01.76- 01.80	112233	12
		01.76- 01.80	110505	14	75				
Scout 5.6		01.71- 01.80	110233	14	63		01.71- 01.80	112233	12
		01.71- 01.80	110505	14	75				
Scout 5.6 SS2		01.78- 01.79	110233	14	63		01.78- 01.79	112233	12
		01.78- 01.79	110505	14	75				
Scout 5.6 Terra		01.76- 01.80	110233	14	63		01.76- 01.80	112233	12
		01.76- 01.80	110505	14	75				
Scout 5.7		01.72- 01.74	110505	14	75		01.72- 01.74	112233	12
		01.72- 01.74	110233	14	63				
<b>TRUCKS US</b>									
Cargostar 5.9							01.85- 01.87	113124	12
Various Models 6.9							01.85- 01.87	113124	12
Various Models 7.3							01.88- 01.94	113124	12
Various Models		01.88- 12.94	112993	14	130		01.88- 01.07	112089	12
		01.80- 12.94	112989	14	60		DT-360 01.88- 01.93	113124	12
		01.97- 01.07	113004#	14	135				
		08.89-	111232	14	115				
		01.88- 12.96	113432	14	145/160				
		01.86- 01.96	112264	14	105				
		01.90-	113739	14	130				
		01.85- 01.96	110300	28	65				
		01.71- 01.89	112260	14	80				
		01.95- 01.07	112834	14	145				
		01.88- 12.92	112994	14	100				
		01.97- 01.07	113002	14	135				
		01.88-	113740	14	160				
		01.01- 01.07	113579	14	145				
		01.97- 01.00	112824	14	145				
			112998	14	85				
		01.71- 01.78	110504	14	90				
		01.80- 01.89	110801	28	45				
			114351	14	200				
		01.77- 01.89	112262	14	90				
		01.97- 01.00	113001	14	110				
<b>Irmer</b>									
<b>INDUSTRY</b>									
Various Models							04.77-	113464	24 4.0
							08.78- 08.82	110536	12 2.7
							01.92-	112555	12 3.1
							07.82-	110512	24 5.4
<b>Iseki</b>									
<b>AGRICULTURE</b>									
234		01.82- 01.84	111042	14	35				
235		01.85- 01.90	111042	14	35				
244		01.82- 01.84	111042	14	35				
245		01.85- 01.90	111042	14	35				
254		01.82- 01.84	111042	14	35				
255		01.85- 01.90	111042	14	35				
265		01.85- 01.90	111042	14	35				
275		01.85- 01.90	111042	14	35				
325			113700	14	50				
			113699	14	40				
530			111048	14	40				
			113921	14	40				
2140			111042	14	35				
4451								110933	12 1.4
								111683	12 2.0
SL 3410 3610 3615 3645	[3KC1, 3KR1]						01.85- 01.92	111098	12 1.0
Various Models								110933	12 1.4
<b>Isotta Fraschini</b>									
<b>MARINE</b>									
Various Models							01.92-	112118	24 6.6
<b>Isuzu</b>									
<b>PASSENGER CARS EU</b>									
26 2.0 Diesel							01.81- 01.95	111709	12 2.2
27 2.2 Diesel							01.85- 01.88	111709	12 2.2
							01.85- 01.88	111683	12 2.0
41 2.0 Diesel							01.81- 01.85	111709	12 2.2
							01.81- 01.85	110412	12 2.2
							01.81- 01.85	110573	12 2.0
47 2.2 Diesel							01.85- 01.88	111709	12 2.2
							01.85- 01.88	111683	12 2.0
Ascender 4.2	[LL8]	03.03-	114141	14	150				
C190	[4BJ1]						01.85-	111247	24 3.5
Campo 2.0	[G200Z]	01.85- 01.89	110131	14	50				
Campo 2.2 Diesel	[C223]	04.86- 12.90	110697	14	50		04.86- 12.90	111683	12 2.0
	[C223]	01.91-	110679	14	60				
Campo 2.2 Diesel 4WD	[C223]	04.86- 12.90	110697	14	50		04.86- 12.90	111683	12 2.0
	[C223]						01.83- 12.90	110718#	12 1.4
Campo 2.5 Diesel	[4JA1]	01.83- 12.91	110697	14	50				
Campo 2.5 Diesel 4WD	[4JA1]	01.83- 12.91	110697	14	50		01.83- 12.90	111559	12 2.0
	[4JA1]	08.89-	111267	14	50				
D-Max 2.5 Diesel 4WD	[4JA1-TC]	05.02-	114458	14	60				
D-Max 3.0 Diesel 4WD		05.02-	114458	14	60				
Gemini 1.5 Diesel	[4EC1]								
Gemini 1.5 TD	[4EC1T]								
Gemini 1.6	[4XE1-WUT]	01.88- 12.93	110683	14	75				
Gemini 1.6 GTI	[4XE1]	01.88- 12.93	110683	14	75		08.88- 12.90	110711	
Impulse 1.6	[4XE1-XUT]	01.90- 12.92	110683	14	75				
KB Series								114335	12 2.5
Midi 2.0	[4ZC1]	06.88-	110679	14	60		06.88-	110718#	12 1.4
							06.88-	110317	
Midi 2.0 4WD	[4ZC1]	09.88-	110679	14	60		09.88-	110718#	12 1.4
							09.88-	110317	
Midi 2.0 TD	[4FC1T]	01.89- 01.91	111291	14	55		01.89-	110316	12 2.0
Midi 2.2 Diesel	[4FD1]	01.89-	111291	14	55		01.89-	110316	12 2.0
Midi 2.2 Diesel 4WD	[4FD1]	09.88-	111291	14	55		09.88-	110316	12 2.0
Midi 2.4 Diesel	[4FG1T]						01.94-	110316	12 2.0
Midi 2.4 TD	[4FG1T]						01.94-	110316	12 2.0
NKR 2.8 Diesel	[4JB1]						01.85- 12.96	111683	12 2.0
Piazza 2.0 Turbo	[4ZC1-T]	06.85- 12.90	110675	14	75		06.85- 12.90	110979	12 1.0
	[4ZC1-T]						06.85- 12.90	110317	
Rodeo 2.5 Diesel 4x4	[4JK1-TC]	01.05-	114458	14	60				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**ISUZU Continued**

Rodeo 3.1 TD	[C4JG2]	10.93- 12.97	112228	14	60				
TFR 2.5 Diesel	[4JA1]	01.93-	114371	14	50				
Trooper 2.2 4WD	[C223]	05.84- 07.89	110697	14	50	05.84- 10.88	111683	12	2.0
Trooper 2.2 Diesel	[C223T]					01.83- 12.83	111683	12	2.0
Trooper 2.2 Diesel 4WD	[C223]	11.86- 10.88	110697	14	50	05.84- 10.88	111683	12	2.0
Trooper 2.2 TD	[C223T]	11.86- 10.88	110697	14	50	03.84- 10.88	111683	12	2.0
Trooper 2.3	[4ZD1]	01.86- 10.88	110679	14	60	11.85- 12.91	110477#	12	1.2
	[4ZD1]					01.87-	110979	12	1.0
Trooper 2.6 I	[4ZE1]	10.87- 01.91	110679	14	60	10.87-	110979	12	1.0
Trooper 2.8 TD	[4JB1T]	10.87-	111267	14	50	10.87-	111559	12	2.0
	[4JB1-TC]	10.88-	111267	14	50	10.88-	111559	12	2.0
Trooper 3.0 DTI	[4JX1]	04.00-	112673	14	70				
		01.99-	113698	14	90				
	[4JX1T]	04.00-	112673	14	70				
Trooper 3.1 TD	UB	08.91- 07.98	111767	14	80	08.91- 07.98	113297		
Trooper 3.2	[6VD1]	08.91- 07.98	113076	14	75				
		01.96- 01.97	113165#	14	75				
UBS52 2.2 Diesel						01.84- 01.89	111709	12	2.2
Various Models						09.91-	110979	12	1.0
						01.81-	110317		
						06.75-	110412	12	2.2
							113209	12	2.0
						01.81-	110477#	12	1.2
						01.84-	110316	12	2.0
<b>PASSENGER CARS US</b>									
Amigo 2.2	[X22SE]	01.99- 01.00	111426	14	100	01.99- 01.00	111848	12	1.0
		01.98- 01.98	111426	14	100	01.98- 01.98	111848	12	1.0
Amigo 2.3		01.89- 01.92	112974#	14	60	01.89- 01.93	110979	12	1.0
		01.89- 01.93	112978#	14	60				
		01.89- 01.93	112973#	14	50				
Amigo 2.6		01.89- 01.94	112973#	14	50	01.89- 01.94	110979	12	1.0
		01.89- 12.94	112978#	14	60				
		01.89- 01.92	112974#	14	60				
Amigo 3.2	[6VD1]					01.99- 01.00	113402	12	1.4
		01.98- 01.00	113367#	14	90	01.98- 01.98	113402	12	1.4
		01.98- 01.98	113556#	14	70				
Ascender 4.2		01.03-	114141	14	150				
Ascender 4.2 S		01.05-	114141	14	150				
Ascender 5.3		01.03-	112853	14	130				
Hombre 2.2						01.96- 01.00	112911	12	1.6
		01.96- 01.97	112614	14	105				
Hombre 2.2						01.00- 01.00	112900	12	1.4
Hombre 4.3		01.98- 01.00	112665	14	100	01.97- 01.00	112240	12	1.7
I-Mark 1.5									
I-Mark 1.6		01.89- 01.89	110679	14	60	01.89- 01.89	110711		
I-Mark 1.8		01.81- 01.84	110248	14	40	01.81- 01.84	110477#	12	1.2
						01.81- 01.84	110316	12	2.0
I-Mark 1.8 DLX		01.84- 01.85	110248	14	40	01.84- 01.85	110477#	12	1.2
						01.84- 01.85	110316	12	2.0
I-Mark 1.8		01.81- 01.84	110248	14	40	01.81- 01.84	110477#	12	1.2
						01.81- 01.84	110316	12	2.0
I-Mark 1.8 DLX		01.84- 01.84	110248	14	40	01.84- 01.84	110477#	12	1.2
						01.84- 01.84	110316	12	2.0
Impreza 1.6						01.90- 01.90	110711		
Impreza 1.6 XS						01.91- 01.91	110711		
Impreza 1.6 Turbo RS						01.91- 01.92	110711		
Impreza 1.8 XS						01.92- 01.92	110711		
Impreza 1.9						01.83- 01.87	110477#	12	1.2
Impreza 2.0 Turbo		01.85- 01.89	110675	14	75	01.85- 01.89	110979	12	1.0
Impreza 2.3						01.88- 01.89	110979	12	1.0
Oasis 2.2 LS						01.96- 01.97	113398	12	1.6
Oasis 2.2 S						01.96- 01.97	113398	12	1.6
Oasis 2.3	[F23A7]								
Pick Up 1.8		01.81- 01.82	110129	14	50	01.81- 01.82	110477#	12	1.2
		01.81- 01.82	110131	14	50				
Pick Up 1.9		01.83- 01.86	110131	14	50	01.83- 01.86	110477#	12	1.2
Pick Up 1.9 Normal cab						01.87- 01.87	110477#	12	1.2
Pick Up 2.2		01.81- 01.87	110697	14	50	01.81- 01.87	111683	12	2.0
Pick Up 2.2 Normal cab		01.87- 01.87	110697	14	50	01.87- 01.87	111683	12	2.0
Pick Up 2.2 Turbo		01.86- 01.87	110697	14	50	01.86- 01.87	111683	12	2.0
Pick Up 2.3		01.88- 01.92	112974#	14	60	01.86- 01.95	110979	12	1.0
		01.86- 01.95	112973#	14	50				
		01.90- 01.95	112978#	14	60				
Pick Up 2.3 Normal cab		01.88- 01.92	112974#	14	60	01.87- 01.95	110979	12	1.0
		01.87- 01.95	112973#	14	50				
		01.90- 01.95	112978#	14	60				
Pick Up 2.6		01.88- 01.92	112974#	14	60	01.88- 01.94	110979	12	1.0
		01.88- 01.94	112978#	14	60				
		01.88- 01.94	112973#	14	50				
Pick Up 2.6 1 Ton		01.88- 01.92	112974#	14	60	01.88- 01.92	110979	12	1.0
		01.88- 12.94	112973#	14	50				
		01.88- 12.95	112978#	14	60				
Pick Up 2.6 Normal cab		01.88- 01.92	112974#	14	60	01.88- 01.95	110979	12	1.0
		01.88- 01.95	112973#	14	50				
		01.88- 01.95	112978#	14	60				
Pick Up 3.1 Normal cab		01.91- 01.94	111202#	14	85	01.91- 01.94	112911	12	1.6
Rodeo 2.2	[X22SE]	01.98- 01.01	111426	14	100	01.98- 01.00	111848	12	1.0
Rodeo 2.2 Sport	[X22SE]	01.01- 01.01	111426	14	100				
Rodeo 2.6		01.91- 01.92	112974#	14	60	01.91- 01.97	110979	12	1.0
		01.96- 01.97	113643#	14	60				
		01.91- 01.97	112973#	14	50				
		01.91- 01.97	112978#	14	60				
Rodeo 3.1		01.91- 01.92	111202#	14	85	01.91- 01.92	111034	12	1.2
						01.91- 01.92	112911	12	1.6
Rodeo 3.2	[6VD1]	01.98- 01.02	113366#	14	60	01.98- 01.02	113402	12	1.4
		01.98- 01.00	113556#	14	70				
		01.98- 01.00	113563	14	90				
		01.94- 01.96	113423#	14	70	01.93- 01.97	113402	12	1.4
		01.99- 01.02	113367#	14	90				
		01.97- 01.97	113555#	14	60				
		01.93- 01.97	112977	14	60				
Rodeo 3.2 Sport	[6VD1]	01.01- 01.02	113366#	14	60	01.01- 01.04	113402	12	1.4
Stylus 1.6 S						01.91- 01.93	110711		
Stylus 1.6 XS						01.91- 01.91	110711		
Stylus 1.8 RS						01.92- 01.92	110711		
Trooper 1.9		01.84- 01.85	110131	14	50	01.84- 01.85	110477#	12	1.2
Trooper 2.2			110697	14	50				
Trooper 2.2 Turbo		01.86- 01.87	110697	14	50	01.86- 01.87	111683	12	2.0
Trooper 2.3		01.86- 01.87	112974#	14	60	01.86- 01.87	110979	12	1.0
		01.86- 01.87	112978#	14	60				
		01.86- 01.87	112973#	14	50				
Trooper 2.6		01.88- 01.91	112973#	14	50	01.88- 01.91	110979	12	1.0
Trooper 2.8		01.89- 01.91	111202#	14	85	01.89- 01.91	112911	12	1.6
Trooper 3.2 LS		01.97- 01.97	113165#	14	75	01.92- 01.97	112986	12	1.4
		01.92- 01.95	113076	14	75				
Trooper 3.2 LTD		01.97- 01.97	113165#	14	75	01.97- 01.97	112986	12	1.4
Trooper 3.2 RS		01.93- 01.95	113076	14	75	01.93- 01.95	112986	12	1.4



Trooper 3.2 S		01.96- 01.97	113165#	14	75		01.92- 01.97	112986	12	1.4
Trooper 3.5	[6VE1]	01.92- 01.97	113076	14	75					
Vehicross 3.5	[6VE1]						01.98- 01.02	112986	12	1.4
Vehicross 3.5	[6VE1]						01.99- 01.01	112986	12	1.4
<b>PASSENGER CARS AO</b>										
Aska 2.0 Diesel	[4FC1]						04.83- 06.89	110573	12	2.0
D-Max 2.5 Diesel	[4JA1-TC]	10.02-	114458	14	60					
D-MAX 3.0 D1TD	[4JH1-TC]	10.02-	114458	14	60					
TFR/TFS Pick-up 2.5 Diesel	[4JA1]						07.94- 08.99	114429	12	2.0
TFR/TFS Pick-up 2.8 Diesel	[4JB1]						10.91-	114429	12	2.0
<b>TRUCKS EU</b>										
150	[4BJ1]						01.82-	111247	24	3.5
250	[4BJ1]						01.82-	111247	24	3.5
ELF 5.0	[4JH1]	01.02-	114428	14	100					
NHR 3.1 Diesel	[4JG2]	01.98-	114373	14	80					
NKR 3.1 Diesel	[4JG2]	01.98-	114373	14	80					
NKR 3.3 Diesel	[4BC2]	07.85- 12.96	111493	28	35		02.86- 12.96	110723	24	3.5
		02.86- 12.96	114426	28	40					
NKR 3.6	[4BE1]	06.87- 01.90- 01.98	111493	28	35		NKR66	113675	24	4.0
		01.90- 01.98	114368	28	25					
NKR 4.3	[4BG1]	01.90- 01.98	114368	28	25					
NKR	[3100]	01.97-	114427	14	100					
NPR 3.3 Diesel	[4BC2]	10.84- 12.95	111493	28	35		10.84- 12.95	110723	24	3.5
		10.84- 12.95	114426	28	40					
NPR 3.9	[4BD1]	10.84- 12.96	111493	28	35		01.80- 12.94	111393	24	3.5
		01.86- 01.90	113412	14	70		01.90- 01.97	113822		
		10.90- 12.97	113413	14	70		01.86- 01.97	113131	12	3.0
							10.84- 12.96	113428	12	2.5
NPR 5.7	[GM]	01.93- 01.95	113415#	14	80					
NPR	[4HF1]	01.98-	114014	28	60					
	[4HG1]	01.98-	114014	28	60					
	[4HJ1]	01.98-	114014	28	60					
Various Models			114366	28	40			114346	24	5.5
								114442	24	6.0
WFR12 2.0	[4CZ1]	12.85-	110679	14	60					
WFR51 2.0 TD	[4DC1T]	12.85- 12.96	111290#	14	50					
WFR53 2.2 Diesel	[4FD1]	02.83- 11.86	111290#	14	50					
		11.86- 12.93	111291	14	55					
WFS53 2.2 Diesel	[4FD1]	01.86- 12.96	111291	14	55					
<b>FORK LIFTS</b>										
C240	[4BJ1]						01.78-	111247	24	3.5
<b>INDUSTRY</b>										
Engine	[4BG1TC]							114324	24	4.5
<b>MOTORS</b>										
4JB1								114185	24	3.2
Engine 8.4 Diesel	[6SA1]						01.86-	114420	24	5.5
Engine	[TK C201]		111672							
	[TK D12.2]		111672							
Engine	[3K-CT]	01.83- 01.96	113347	14	20			111276#	12	1.4
	[3K-R1]		113416	28	20					
	[4BD1T]		112168	28	30					
	[4BG1]							114378	24	4.5
	[6BB1]							110580	24	4.5
	[6BD1T]							113132	12	2.2
		01.85-	111051	28	25			110580	24	4.5
			113386	28	30			112649	24	4.5
	[6BF1]							110580	24	4.5
	[6BG1]							110580	24	4.5
<b>Iveco</b>										
<b>PASSENGER CARS EU</b>										
29 L 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14	110		09.02-	112441	12	2.3
	[F1AE0481FA]	05.06- 06.06	114306	14	180		05.06- 06.06	112441	12	2.3
29 L 11 2.8 Diesel	[8140.43B]	05.99-	112407	14	90		05.99-	112441	12	2.3
	[8140.43C]	05.99-	112407	14	90		05.99-	112441	12	2.3
29 L 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14	110		09.02-	112441	12	2.3
	[F1AE0481GA]	05.06-	114306	14	180		05.06-	112441	12	2.3
29 L 13 2.8 Diesel	[8140.43S]	05.01- 09.04	112407	14	90		05.01- 09.04	112441	12	2.3
29 L 14 2.3 Diesel	[F1AE0481HA]	05.06-	114306	14	180		05.06-	112441	12	2.3
	[F1AE0481M]						01.05- 04.06	112441	12	2.3
29 L 9 2.8 Diesel	[8140.63]	05.99-	112407	14	90		05.99-	112441	12	2.3
		05.99-	113838	14	55					
35 C 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14	110		09.02-	112441	12	2.3
	[F1AE0481FA]	05.06-	114306	14	180		05.06-	112441	12	2.3
35 C 11 2.3	[F1AE0481FA]	07.09-	113279	14	110		07.09-	112441	12	2.3
		07.09-	114306	14	180					
35 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14	90		05.99- 09.02	112441	12	2.3
35 C 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14	110		09.02-	112441	12	2.3
	[F1AE0481GA]	05.06-	114306	14	180		05.06-	112441	12	2.3
35 C 13 2.3	[F1AE0481GA]	07.09-	113279	14	110		07.09-	112441	12	2.3
		07.09-	114306	14	180					
35 C 14 3.0	[F1CCNG]	07.09-	114082	14	180		07.09-	112441	12	2.3
35 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180					
35 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14	90		11.01-	112441	12	2.3
		11.02-	113838	14	55					
35 C 15 3.0 Diesel	[F1CE0481FA]						05.06-	112441	12	2.3
35 C 17 3.0	[F1CE0481HA]						07.09-	112441	12	2.3
35 C 18 3.0 Diesel	[F1CE0481HA]						05.06-	112441	12	2.3
35 C 9 2.8 Diesel	[8140.63]	05.99- 12.01	112407	14	90		05.99- 12.01	112441	12	2.3
35 S 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14	110		09.02-	112441	12	2.3
	[F1AE0481FA]	05.06-	114306	14	180		05.06-	112441	12	2.3
35 S 11 2.3	[F1AE0481FA]	07.09-	113279	14	110		07.09-	112441	12	2.3
		07.09-	114306	14	180					
35 S 11 2.8 Diesel	[8140.43C]	05.99-	112407	14	90		05.99-	112441	12	2.3
35 S 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14	110		09.02-	112441	12	2.3
	[F1AE0481GA]	05.06-	114306	14	180		05.06-	112441	12	2.3
35 S 13 2.3	[F1AE0481GA]	07.09-	113279	14	110		07.09-	112441	12	2.3
		07.09-	114306	14	180					
35 S 13 2.8 Diesel	[8140.43S]	05.99-	112407	14	90		05.99-	112441	12	2.3
35 S 14 2.3	[F1AE0481HA]	07.09-	113279	14	110		07.09-	112441	12	2.3
		07.09-	114306	14	180					
35 S 14 2.3 Diesel	[F1AE0481HA]	05.06-	114306	14	180		05.06-	112441	12	2.3
35 S 14 3.0	[F1CCNG]	07.09-	114082	14	180		07.09-	112441	12	2.3
35 S 15 2.8 Diesel	[8140.43N]	11.01-	112407	14	90		11.01-	112441	12	2.3
		11.02-	113838	14	55					
35 S 17 3.0	[F1CE0481HA]	07.09-	114082	14	180		07.09-	112441	12	2.3
35 S 18 3.0 Diesel	[F1CE0481HA]						05.06-	112441	12	2.3
35 S 9 2.8 Diesel	[8140.63]	05.99-	112407	14	90		05.99-	112441	12	2.3
35-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	113838	14	55		02.85- 06.89	111996	12	2.2
		02.85- 06.89	111418	14	55		01.85- 12.89	110814	12	2.7
		02.85- 06.89	112453	14	85		02.85- 06.89	111693	12	2.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

IVECO Continued

35-10 2.5 Diesel	[8140.47R]	07.92- 04.97	111418	14	55	01.89- 08.98	111996	12	2.2
	[8140.47R.2790]	07.92- 04.97	111418	14	55	07.92- 04.97	111693	12	2.5
	[8140.97.2781]	07.92- 12.96	111418	14	55	01.89- 04.97	111693	12	2.5
						01.89- 12.96	111996	12	2.2
						01.89- 12.96	111693	12	2.5
35-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14	90	01.96- 05.99	111996	12	2.2
35-11 2.8						05.99-	112441	12	2.3
35-12 2.5 Diesel	[8140.47.2700]	01.90-	110890	14	55	01.90- 04.96	111693	12	2.5
		01.90- 05.96	111418	14	55	01.90- 04.96	111996	12	2.2
		01.90- 04.96	113838	14	55				
		10.90- 04.96	112453	14	85				
35-12 2.8 Diesel	[8140.43]	05.96- 08.98	112406	14	90	05.96- 05.99	111996	12	2.2
35-13 2.8						05.99-	112441	12	2.3
35-8 2.4 Diesel	[8140.61.200]	04.78- 06.89	110890	14	55	04.78- 06.89	111996	12	2.2
						01.78- 12.89	110814	12	2.7
35-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98	111418	14	55	07.89- 04.96	111693	12	2.5
		01.89- 08.98	113838	14	55	01.89- 08.98	111996	12	2.2
	[8140.07.2712]	01.89- 08.98	111418	14	55	07.89- 04.96	111693	12	2.5
		01.89- 08.98	113838	14	55	01.89- 08.98	111996	12	2.2
	[8140.67F]	01.89- 08.98	111418	14	55	05.96- 03.98	111996	12	2.2
		01.89- 08.98	113838	14	55				
35-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14	90	09.98- 05.99	111996	12	2.2
35-9 2.8						05.99-	112441	12	2.3
35S14 2.3	[F1AE0481HA]	05.06-	113279	14	110	05.06-	112441	12	2.3
		05.06-	114306	14	180				
35S14G 3.0	[F1CE0441A]	07.09-	114082	14	180	07.09-	112441	12	2.3
40 C 10 2.3 Diesel	[F1AE0481FA]					05.06-	112441	12	2.3
40 C 11 2.3	[F1AE0481FA]	07.09-	113279	14	110	07.09-	112441	12	2.3
		07.09-	114306	14	180				
40 C 12 2.3 Diesel	[F1AE0481GA]					05.06-	112441	12	2.3
40 C 13 2.3	[F1AE0481GA]	07.09-	113279	14	110	07.09-	112441	12	2.3
		07.09-	114306	14	180				
40 C 14 2.3 Diesel	[F1AE0481GA]					05.06-	112441	12	2.3
40 C 14 3.0	[F1CCNG]	07.09-	114082	14	180	07.09-	112441	12	2.3
40 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180	07.09-	112441	12	2.3
40 C 15 3.0 Diesel	[F1CE0481FA]					05.06-	112441	12	2.3
40 C 17 3.0	[F1CE0481HA]	07.09-	114082	14	180	07.09-	112441	12	2.3
40 C 18 3.0 Diesel	[F1CE0481HA]					05.06-	112441	12	2.3
40 S 10 2.3 Diesel	[F1AE0481FA]					05.06-	112441	12	2.3
40 S 11 2.3	[F1AE0481FA]	07.09-	113279	14	110	07.09-	112441	12	2.3
		07.09-	114306	14	180				
40 S 13 2.3	[F1AE0481GA]	07.09-	113279	14	110	07.09-	112441	12	2.3
		07.09-	114306	14	180				
40 S 14 3.0	[F1CCNG]	07.09-	114082	14	180	07.09-	112441	12	2.3
40 S 14 3.0	[F1CE3481LC]	07.09-	114082	14	180	07.09-	112441	12	2.3
40 S 17 3.0	[F1CE0481HA]					07.09-	112441	12	2.3
40-10 2.4 Diesel	[8140.27S]	01.85- 12.89	110890	14	55	01.85- 12.89	110814	12	2.7
		01.85- 12.89	111418	14	55	01.85- 12.89	111693	12	2.5
40-10 2.5 Diesel	[8140.27.2720]	01.90- 12.96	111418	14	55	01.90- 12.96	111693	12	2.5
		01.90- 04.96	113838	14	55	02.85- 06.89	110814	12	2.7
40-10 2.8 Diesel	[8140.23]	09.96- 05.99	112406	14	90	09.96- 05.99	111996	12	2.2
	[8140.23.]					01.97- 05.99	111996	12	2.2
40-12 2.5 Diesel	[8140.47.2700]	10.90- 04.96	111418	14	55	10.90- 04.96	111693	12	2.5
						10.90- 04.96	110814	12	2.7
40-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
40-8 2.4 Diesel	[8140.61.200]	01.83- 06.89	110882	14	45	01.83- 06.89	111996	12	2.2
		01.83- 06.89	110890	14	55				
		01.83- 06.89	111418	14	55				
45 C 14 3.0	[F1CE3481LC]					07.09-	112441	12	2.3
45 C 15 3.0 Diesel	[F1CE0481FA]					05.06-	112441	12	2.3
45 C 17 3.0	[F1CE0481HA]					07.09-	112441	12	2.3
45 C 18 3.0 Diesel	[F1CE0481HA]					05.06-	112441	12	2.3
45-10 2.4 Diesel	[8140.21.200]	02.85-	110890	14	55	02.85- 06.89	111693	12	2.5
		02.85- 06.89	111418	14	55	02.85- 06.89	111996	12	2.2
		02.85- 06.89	112453	14	85	01.85- 12.89	110814	12	2.7
45-10 2.5 Diesel	[8140.27.2720]	01.89- 04.96	111418	14	55	09.89- 04.96	111693	12	2.5
		09.89- 04.96	112453	14	85				
45-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
45-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14	55	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
	[8140.47.2721]	06.90- 04.96	111418	14	55	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
45-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
49-10 2.4 Diesel	[8140.21.200]	02.85-	110890	14	55	01.85- 12.89	110814	12	2.7
		02.85- 06.89	111418	14	55	02.85- 06.89	111693	12	2.5
		02.85- 06.89	112453	14	85	02.85- 06.89	111996	12	2.2
49-10 2.5 Diesel	[8140.27.2700]	01.89- 04.96	111418	14	55	01.89- 04.96	111693	12	2.5
		01.89- 04.96	113838	14	55				
	[8140.47R.2790]	01.89- 04.96	111418	14	55	01.89- 04.97	111693	12	2.5
		01.89- 04.96	112453	14	85				
		01.89- 04.96	113838	14	55				
49-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
49-11 2.8						05.99-	112441	12	2.3
49-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14	55	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
	[8140.47.2721]	06.90- 04.96	111418	14	55	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
49-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
50 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14	90	05.99-	112441	12	2.3
50 C 13 2.8 Diesel	[8140.43S]	05.99-	112407	14	90	05.99-	112441	12	2.3
50 C 14 3.0	[F1CCNG]	07.09-	114082	14	180	07.09-	112441	12	2.3
50 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180	07.09-	112441	12	2.3
50 C 15 2.8 Diesel	[8140.43N]	05.01-	112407	14	90	05.01-	112441	12	2.3
50 C 15 3.0 Diesel	[F1CE0481FA]					05.06-	112441	12	2.3
50 C 17 3.0	[F1CE0481HA]	07.09-	114082	14	180	07.09-	112441	12	2.3
50 C 18 3.0 Diesel	[F1CE0481HA]					05.06-	112441	12	2.3
50-11 2.8						05.99-	112441	12	2.3
55 S 17 3.0	[F1CE0481HA]					07.09-	112441	12	2.3
59-12 2.5 Diesel	[8140.47.2700]	05.91- 04.96	111418	14	55	05.91- 04.96	111693	12	2.5
		05.91- 04.96	112453	14	85				
	[8140.47.2711]	05.91- 04.96	111418	14	55	05.91- 04.96	111693	12	2.5
		05.91- 04.96	112453	14	85				
59-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
60 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180	07.09-	112441	12	2.3
60 C 15 3.0 Diesel	[F1CE0481HC]					05.06-	112441	12	2.3
60 C 17 3.0	[F1CE0481HA]					07.09-	112441	12	2.3
60 C 18 3.0 Diesel	[F1CE0481HC]					05.06-	112441	12	2.3
65 C 14 3.0	[F1CCNG]	07.09-	114082	14	180	07.09-	112441	12	2.3
65 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180	07.09-	112441	12	2.3
65 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14	90	11.01-	112441	12	2.3
65 C 15 3.0 Diesel	[F1CE0481HC]					05.06-	112441	12	2.3
65 C 17 3.0	[F1CE0481HA]	07.09-	114082	14	180	07.09-	112441	12	2.3
65 C 18 3.0 Diesel	[F1CE0481HC]					05.06-	112441	12	2.3
70 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180	07.09-	112441	12	2.3
70 C 17 3.0	[F1CE0481HA]	07.09-	114082	14	180	07.09-	112441	12	2.3
Massif 3.0 HPI	[F1CE0481F]					10.08-	112441	12	2.3
Massif 3.0 HPI Single Cab	[F1CE0481F]					10.08-	112441	12	2.3
Massif 3.0 HPT	[F1CE0481F]					10.08-	112441	12	2.3
Massif 3.0 HPT Single Cab	[F1CE0481F]					10.08-	112441	12	2.3



30-8 2.4 Diesel	[8140.61.200]	01.78- 06.89	110890	14	55	04.78- 06.89	111996	12	2.2
						01.78- 12.89	110814	12	2.7
30-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98	111418	14	55	02.91- 04.96	111693	12	2.5
						01.89- 08.98	111996	12	2.2
	[8140.07.2712]	01.89- 08.98	111418	14	55	01.89- 08.98	111996	12	2.2
						02.89- 04.96	111693	12	2.5
	[8140.67F]	01.89- 08.98	111418	14	55	01.89- 08.98	111996	12	2.2
30-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14	90	09.98- 05.99	111996	12	2.2
30-10 2.8 Diesel	[8140.23.]	05.96- 05.99	112406	14	90	01.97- 05.99	111996	12	2.2
29-11 2.8						05.99-	112441	12	2.3
<b>TRUCKS EU</b>									
440 S 42 10.3	(Stralls)[F3A3681B]					07.06-	113984	24	5.0
100 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91-	111419	28	55	01.00-	113277	24	4.0
		01.91- 08.00	111987	28	55	01.91- 08.00	110518	24	4.0
		01.91- 08.00	112076	28	80				
		01.91- 08.00	112097	28	30				
	[8060.45R.5000]	01.91-	111419	28	55	01.00-	113277	24	4.0
		01.91- 08.00	111987	28	55	01.91-	110518	24	4.0
		01.91- 08.00	112076	28	80				
		01.91- 08.00	112097	28	30				
	[8060.45R.5001]	01.91-	111419	28	55	01.00-	113277	24	4.0
		01.91- 08.00	111987	28	55	01.91-	110518	24	4.0
		01.91- 08.00	112076	28	80				
		01.91- 08.00	112097	28	30				
	[8060.45R.5003]	01.91-	111419	28	55	01.91-	110518	24	4.0
		01.91- 08.00	111987	28	55	01.00-	113277	24	4.0
		01.91- 08.00	112076	28	80				
		01.91- 08.00	112097	28	30				
	[8060.45R.5005]	01.91-	111419	28	55	01.91-	110518	24	4.0
		01.91- 08.00	111987	28	55	01.00-	113277	24	4.0
		01.91- 08.00	112076	28	80				
		01.91- 08.00	112097	28	30				
100 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
100 E 18 3.9	(Tector)[F4AE3481B]	09.06-	114296	28	90				
100 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
100 E 18 6.0	(EuroCargo)[8060.25V.4000TC]	01.91-	111419	28	55	01.91- 11.00	110518	24	4.0
		01.91- 11.00	111987	28	55	01.00-	113277	24	4.0
		01.91- 11.00	112097	28	30				
100 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
100 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91-	111419	28	55	01.00-	113277	24	4.0
		01.91- 11.00	111987	28	55	01.91- 11.00	110518	24	4.0
		01.91- 11.00	112097	28	30				
	[8060.45.4180TCA]	01.91- 11.00	111987	28	55	01.91- 11.00	110518	24	4.0
		01.91- 11.00	112097	28	30	01.00-	113277	24	4.0
100 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28	90				
109-14 5.5	(Zeta)[8060.04.689]	06.83- 12.85	111142			06.83- 12.85	110521	24	4.0
						06.83- 12.85	113183	24	4.0
109-14 5.9	(Zeta)[8060.05.289]	11.85- 03.91	111142			11.85- 03.91	110521	24	4.0
						11.85- 03.91	113183	24	4.0
110 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28	90				
110 E 22 5.9	(Tector)[F4AE3681B]	05.06-	114296	28	90				
110 E 25 5.9	(Tector)[F4AE3681D]	05.06-	114296	28	90				
110-17 AW 6.1	[BF6L913]	03.86- 02.88	110766	28	27				
		03.86- 12.91	113470	28	35				
120 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	12.91- 07.00	111987	28	55	12.91- 07.00	110518	24	4.0
		12.91- 07.00	112097	28	30	01.00-	113277	24	4.0
	[8060.25R4200]	09.91- 07.00	111419	28	55	12.91- 07.00	110518	24	4.0
		09.91- 07.00	111987	28	55	01.00-	113277	24	4.0
		12.91- 07.00	112097	28	30				
120 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28	90				
120 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28	90				
120 E 18 6.0	(EuroCargo)[8060.25V.4080TC]	09.91- 07.00	111987	28	55	01.92- 07.00	110518	24	4.0
		09.91- 07.00	112097	28	30	01.00-	113277	24	4.0
120 E 21 5.9	(Tector)[F4AE0681D]	09.00-	114296	28	90				
	[F4AE3681B]	09.00-	114296	28	90				
120 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28	90				
120 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91-	111987	28	55	01.92- 08.00	110518	24	4.0
		01.92- 08.00	112097	28	30	01.00-	113277	24	4.0
	[8060.45S.6800TCA]	01.92- 08.00	112097	28	30	01.92- 08.00	110518	24	4.0
						01.00-	113277	24	4.0
120 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
120 E 25 5.9	(Tector)[F4AE3681D]	09.06-	114296	28	90				
120 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
120 EL 17 3.9	(Tector)[F4AE0481A]	09.00-	114296	28	90				
120 EL 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28	70				
		09.00-	114296	28	90				
120-13 ANW 6.1	[BF6L913T]	03.88- 09.90	113470	28	35				
120-16 ANW 6.1	[BF6L913]	03.88- 11.89	113470	28	35				
120-17 ANW 6.1	[BF6L913/U]	07.89- 09.90	113470	28	35				
130 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	11.91-	111419	28	55	01.00-	113277	24	4.0
		11.91- 07.00	111987	28	55	01.94- 07.00	110518	24	4.0
		11.91- 07.00	112097	28	30				
130 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28	90				
130 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28	90				
130 E 18 6.0	(EuroCargo)[8060.25V.4080TC]	11.91- 07.00	111987	28	55	01.00-	113277	24	4.0
		01.92-	111419	28	55	01.92- 07.00	110518	24	4.0
		01.92- 07.00	112097	28	30				
130 E 21 5.9	(Tector)[F4AE0681D]	09.00-	114296	28	90				
130 E 23 6.0	(EuroCargo)[8060.45.6090]	11.91-	111987	28	55	01.91-	110518	24	4.0
		01.92- 07.00	112097	28	30	01.00-	113277	24	4.0
	[8060.45S.6000TCA]	01.92- 07.00	112097	28	30	01.92-	110518	24	4.0
						01.00-	113277	24	4.0
130 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
130 E 25 5.9	(Tector)[F4AE3681D]	09.06-	114296	28	90				
130 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
130-16 A 6.1	[BF6L913]	03.86- 10.91	113470	28	35				
135 E 18 6.0	(EuroCargo)[8060.25VTC]	01.94- 07.00	111987	28	55	01.93-	113277	24	4.0
		01.94- 07.00	112076	28	80				
135 E 23 6.0	(EuroCargo)[8060.45STCA]					01.00-	113277	24	4.0
140 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28	90				
140 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
140 E 21 5.9	(Tector)[F4AE0681D]	05.05-	114296	28	90				
140 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28	90				
140 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				



Application list

IVECO Continued

140 E 25 5.9	(Tector)[F4AE3681D]	09.06-	114296	28	90				
140 E 28 5.9	(Tector)[F4AE0681A]	09.06-	114296	28	90				
	[F4AE3681E]	09.06-	114296	28	90				
150 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	01.92- 12.96	111419	28	55	01.00-	113277	24	4.0
		01.92- 12.96	111987	28	55	01.92- 07.00	110518	24	4.0
		01.92- 12.96	112097	28	30				
150 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28	90				
150 E 18 5.9	(Tector)[F4AE0681E]	09.00-	111419	28	55	09.00-	112498	24	4.0
		09.00-	113188	28	70				
		09.00- 08.03	114296	28	90				
150 E 18 6.0	(EuroCargo)[8060.25V.4000TC]	01.92-	111419	28	55	01.92- 07.00	110518	24	4.0
		01.92- 07.00	111987	28	55	01.00-	113277	24	4.0
		01.92- 07.00	112097	28	30				
	[8060.25V.4080TC]	09.91- 07.00	111987	28	55	01.92- 07.00	110518	24	4.0
		01.92-	111419	28	55	01.00-	113277	24	4.0
		01.92- 07.00	112097	28	30				
150 E 21 5.9	(Tector)[F4AE0681D]	09.00-	114296	28	90				
150 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28	90				
150 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91-	111987	28	55	01.92- 07.00	110518	24	4.0
		10.91- 07.00	112097	28	30	01.00-	113277	24	4.0
		01.92-	111419	28	55				
	[8060.45S.6800TCA]	01.92- 07.00	112097	28	30	01.92- 07.00	110518	24	4.0
						01.00-	113277	24	4.0
150 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
150 E 25 5.9	(EuroCargo)[F4AE3681D]	09.06-	113188	28	70				
		09.06-	114296	28	90				
		09.06-	114296	28	90				
150 E 27 7.7	(Tector)[F4AE3681D]	09.06-	114296	28	90				
	(EuroCargo)[8360.46.417TCA]	09.91- 07.00	111987	28	55				
		09.91- 07.00	112076	28	80				
150 E 28 5.9	(EuroCargo)[F4AE3681E]	09.06-	113188	28	70				
		09.06-	114296	28	90				
	(Tector)[F4AE0681A]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
	[F4AE3681E]	09.06-	114296	28	90				
150 E 30 5.9	(Tector)[F4AE0681A]	09.06-	114296	28	90				
	[F4AE3681A]	09.06-	114296	28	90				
150-16 AN 6.1	[BF6L913]	03.88- 12.91	113470	28	35				
160 E 18 3.9	(Tector)[F4AE3481A]	09.06-	114296	28	90				
160 E 21 5.9	(Tector)[F4AE0681D]	09.00-	114296	28	90				
	[F4AE3681E]	09.00-	114296	28	90				
160 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28	90				
160 E 24 5.9	(Tector)[F4AE0681B]	09.00-	114296	28	90				
160 E 25 5.9	(Tector)[F4AE3681D]	09.06-	114296	28	90				
160 E 28 5.9	(Tector)[F4AE0681A]	09.00-	114296	28	90				
	[F4AE3681E]	09.06-	114296	28	90				
160 E 30 5.9	(Tector)[F4AE0681A]	09.06-	114296	28	90				
	[F4AE3681A]	09.06-	114296	28	90				
160-17 AN 6.1	[BF6L913/U]	07.89- 07.96	113470	28	35				
170 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94- 07.00	111987	28	55	01.00-	113277	24	4.0
		01.94- 07.00	112076	28	80				
170 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94-	111987	28	55	01.94-	110518	24	4.0
		01.94-	112076	28	80	01.00-	113277	24	4.0
		01.94-	112097	28	30				
170 E 27 7.7	(EuroCargo)[8360.46.417TCA]	01.94-	111987	28	55	01.94-	114446	24	5.4
		01.94-	112076	28	80				
		01.94-	112302	28	120				
170-23 ANW 13.4	[F8L513]	01.91- 07.96	113470	28	35				
175-17 5.9	[8060.25.60.]	09.86- 07.92	111419	28	55	09.86- 07.92	113277	24	4.0
180 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94-	111419	28	55	01.94-	113277	24	4.0
		01.94-	111987	28	55	01.94-	110518	24	4.0
		01.94-	112076	28	80				
		01.94-	112097	28	30				
180 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28	90				
180 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91-	111419	28	55	04.92- 07.00	110518	24	4.0
		04.92- 07.00	111987	28	55	01.00-	113277	24	4.0
		04.92- 07.00	112097	28	30				
180 E 22 5.9	(Tector)[F4AE3681B]	09.06-	114296	28	90				
180 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94-	111419	28	55	01.94-	110518	24	4.0
		01.94-	111987	28	55				
		01.94-	112076	28	80				
		01.94-	112097	28	30				
180 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00- 08.03	114296	28	90				
180 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.92- 12.96	112302	28	120				
		07.92- 07.00	111987	28	55				
		07.92- 07.00	112076	28	80				
180 E 24 7.8	(Cursor)[F2BE0681D]	09.99- 11.04	113923	28	90	09.99- 11.04	112822	24	4.5
180 E 25 5.9	(Tector)[F4AE3681D]	09.06-	114296	28	90				
180 E 25 9.5	(EuroTrakker)[8460.41T]	05.99- 11.04	111987	28	55	05.99- 11.04	110582	24	5.4
		05.99- 11.04	112076	28	80				
180 E 27 7.7	(EuroCargo)[8360.46.417TCA]	01.94-	111987	28	55	01.94-	114446	24	5.4
		01.94-	112076	28	80				
		01.94-	112302	28	120				
	(EuroTech)[8360.46.417TCA]	01.92- 12.96	112302	28	120				
		07.92- 07.00	111987	28	55				
		07.92- 07.00	112076	28	80				
180 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-	114296	28	90				
180 E 30 3.9	(Tector)[F4AE3481C]	09.06-	114296	28	90				
180 E 30 5.9	(Tector)[F4AE0681A]	09.06-	114296	28	90				
	[F4AE3681A]	08.06-	114296	28	90				
180 E 30 9.5	(EuroTech)[8460.41C.320]	07.92- 07.00	111987	28	55	07.92- 12.96	110582	24	5.4
		07.92- 07.00	112076	28	80				
180 E 34 9.5	(EuroTech)[8460.41K.406]	04.92- 07.00	111987	28	55	04.92- 12.93	110582	24	5.4
		04.92- 07.00	112076	28	80				
180 E 38 9.5	(EuroTech)[8460.41L.5020]	02.92- 12.93	111987	28	55	09.92- 12.93	110582	24	5.4
180 E 42 14.0	(EuroTech)[8210.42L.400]	04.92- 12.93	111987	28	55	04.92- 12.93	112117#	24	6.6
180 T 27 7.8	(Trakker)[F2BE0681F]	06.05-	113923	28	90				
180-23 AH 13.4	[F8L513]	07.91- 07.00	112747	28	55				
		07.91- 12.91	113470	28	35				
180-23 AHW 13.4	[F8L513]	07.91- 07.00	112747	28	55				
		07.91- 12.91	113470	28	35				



180-25 AH 13.4	[F8L513]	07.91- 07.00	112747	28	55				
		07.91- 12.91	113470	28	35				
180-25 AHW 12.9	[BF8L513]	07.91- 07.00	113470	28	35				
180-25 AHW 13.4	[F8L513]	07.91- 07.00	112747	28	55				
		07.91- 12.91	113470	28	35				
180-34 AH 12.9	[BF8L513]	07.91- 07.00	112747	28	55				
190 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.97- 08.98	111987	28	55				
		01.97- 08.98	112076	28	80				
		01.97- 08.98	112302	28	120				
190 E 24 7.8	(Cursor)[F2BE0681D]	09.98-	113923	28	90	09.98-	11.04	112822	24 4.5
190 E 25 5.9	(Tector)[F4AE3681D]	05.08-	114296	28	90				
190 E 27 7.7	(EuroTech)[8360.46.417TCA]	07.92- 07.00	111987	28	55				
		07.92- 07.00	112076	28	80				
		01.97- 08.98	112302	28	120				
190 E 27 7.8	(Cursor)[F2BE0681C]	09.98-	113923	28	90	09.98-	11.04	112822	24 4.5
	[F2BE0681F]	09.98-	113923	28	90	09.98-	11.04	112822	24 4.5
190 E 28 5.9	(Tector)[F4AE3681E]	05.08-	114296	28	90				
190 E 30 5.9	(Tector)[F4AE3681A]	05.08-	114296	28	90				
190 E 30 9.5	(EuroTech)[8460.41C.320]	07.92- 07.00	111987	28	55	01.97- 08.98		110582	24 5.4
		07.92- 07.00	112076	28	80				
	(EuroTrakker)[8460.41C]	01.93- 11.04	111987	28	55	01.93- 07.00		110582	24 5.4
		01.93- 11.04	112076	28	80				
	[8460.41C.]	11.99- 11.04	111987	28	55	11.99- 11.04		110582	24 5.4
		11.99- 11.04	112076	28	80				
190 E 31 7.8	(Cursor)[F2BE0681B]	09.98-	113923	28	90	09.98-	11.04	112822	24 4.5
190 E 34 9.5	(EuroTech)[8460.41K.406]	04.92- 07.00	111987	28	55	01.93- 07.00		110582	24 5.4
		04.92- 07.00	112076	28	80				
	(EuroTrakker)[8460.41K]	01.93- 11.04	111987	28	55	01.93- 07.00		110582	24 5.4
		01.93- 11.04	112076	28	80				
	[8460.41K.TCA]	11.99- 11.04	111987	28	55	11.99- 11.04		110582	24 5.4
		11.99- 11.04	112076	28	80				
190 E 35 7.8	(Cursor)[F2BE0681A]	09.98-	113923	28	90	09.98-	11.04	112822	24 4.5
190 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04		112117#	24 6.6
		11.99- 11.04	112076	28	80	11.99- 11.04		110532	24 6.6
	(EuroTrakker)[8210.42K]	04.93- 11.00	111987	28	55	04.93- 11.00		112117#	24 6.6
190 E 37 14.0									
190 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28	90	08.05-		113984	24 5.0
						01.01- 11.04		112823	24 5.5
190 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93- 07.00	111987	28	55	01.93- 07.00		110582	24 5.4
	(EuroTech)[8460.41LTCA]	01.93- 07.00	111987	28	55	01.93- 07.00		110582	24 5.4
190 E 39 10.3	(EuroStar)[F3AE0681E]	11.99- 02.02	112427	28	90	11.99- 02.02		112823	24 5.5
	(EuroTech)[F3AE0681E]	11.99-	112427	28	90	08.05-		113984	24 5.0
190 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28	90	09.00- 02.02		112823	24 5.5
	(EuroTech)[F3AE0681B]	01.01-	112423			01.01-		112823	24 5.5
190 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04		110532	24 6.6
		11.99- 11.04	112076	28	80	11.99- 11.04		112117#	24 6.6
						11.99- 11.04		110213	24 6.6
190 E 42 14.0	(EuroStar)[8210.42L.400]	01.95- 07.00	111987	28	55	01.95-		112117#	24 6.6
	(EuroTech)[8210.42L.400]	01.93- 07.00	111987	28	55	01.93- 07.00		112117#	24 6.6
	(EuroTrakker)[8210.42L]	01.95- 07.00	111987	28	55	01.95- 07.00		112117#	24 6.6
190 E 43 10.3	(EuroStar)[F3AE0681D]	08.00- 08.03	112427	28	90	08.05-		113984	24 5.0
	(EuroTech)[F3AE0681D]	01.01- 08.03	112427	28	90	01.01-		112823	24 5.5
						08.05-		113984	24 5.0
190 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28	90	08.05-		113984	24 5.0
190 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28	55	01.93- 02.02		112117#	24 6.6
		01.93- 02.02	112076	28	80	01.93- 02.02		110532	24 6.6
190 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 11.00	111987	28	55	04.92- 11.00		110532	24 6.6
190 S 27 7.8	(Stralls)[F2BE0681C]	05.05-	113923	28	90				
	[F2BE0681F]	04.04-	113923	28	90				
190 S 30 7.8	(Stralls)[F2BE0681E]	04.04-	113923	28	90				
190 S 31 7.8	(Stralls)[F2BE0681B]	06.03-	113923	28	90	06.03-		112822	24 4.5
	[F2BE0681C]	06.03-	113923	28	90				
	[F2BE0681E]	06.03-	113923	28	90				
	[F2BE3681C]	04.04-	113923	28	90				
190 S 33 7.8	(Stralls)[F2BE3681B]	12.06-	113923	28	90				
190 S 35 7.8	(Stralls)[F2BE0681A]	06.03-	113923	28	90	06.03-		112822	24 4.5
190 S 36 7.8	(Stralls)[F2BE3681A]	05.07-	113923	28	90				
190 S 40 10.3	(Stralls)[F3AE0681B]	02.02-	112427	28	90	08.05-		113984	24 5.0
190 S 42 10.3	(Stralls)[F3A3681B]					12.06-		113984	24 5.0
190 S 43 10.3	(Stralls)[F3AE0681D]	02.02-	112427	28	90	08.05-		113984	24 5.0
190 S 45 10.3	(Stralls)[F3A3681A]					12.06-		113984	24 5.0
190 S 48 12.9	(Stralls)[F3BE0681E]	02.02-	112427	28	90	08.05-		113984	24 5.0
190 S 50 12.9	(Stralls)[F3B3681B]					12.06-		113984	24 5.0
190 T 27 7.8	(Trakker)[F2BE0681F]	06.05-	113923	28	90				
190 T 31 7.8	(Trakker)[F2BE0681B]	10.04-	113923	28	90				
190 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28	90				
190 T 35 7.8	(Trakker)[F2BE0681A]	10.04-	113923	28	90				
190 T 38 12.9	(Trakker)[F3BE0681G]	10.04-	112427	28	90	10.04-		113984	24 5.0
190 T 41 12.9	(Trakker)[F3BE3681D]					03.06-		113984	24 5.0
190 T 44 12.9	(Trakker)[F3B3681G]					06.05-		113984	24 5.0
	[F3BE0681C]	10.04-	112427	28	90	10.04-		113984	24 5.0
190-25 AN.. 12.8	[F8L413F]	07.83- 09.90	110117	28	40				
190-26 9.5	(TurboTech)[8460.21.102]	09.86- 09.94	111142			09.86- 09.94		110582	24 5.4
190-30 AHW 12.8	[BF8L513]	09.87- 01.97	110766	28	27				
190-30 H 13.8	[8210.]	09.87- 09.99	112097	28	30				
190-30 N 13.8	[8210.]	09.87- 09.99	112097	28	30				
190-32 9.5	(TurboTech)[8460.41.102]	10.88- 01.98	111142			10.88- 01.98		110582	24 5.4
190-33 13.8	(TurboStar)[8210.22.105]	07.84- 05.87	111419	28	55	07.84- 05.87		110213	24 6.6
	[8210.42.101]	07.87- 06.90	111419	28	55	07.87- 06.90		110213	24 6.6
		07.87- 06.90	111987	28	55				
190-36 13.8	(TurboStar)[8210.42.101]	07.87- 06.90	111419	28	55	07.87- 06.90		110213	24 6.6
	[8210.42.152]	07.90- 12.93	111419	28	55	07.90- 12.93		110213	24 6.6
		07.90- 12.93	111987	28	55				
		07.90- 12.93	112076	28	80				
	[8210.42.154]	07.90- 12.93	112076	28	80	07.90- 12.93		110213	24 6.6
	[8210.42.162]	07.90- 12.93	111419	28	55	07.90- 12.93		110213	24 6.6
		07.90- 12.93	111987	28	55				
		07.90- 12.93	112076	28	80				
	[8210.42.181]	07.90- 11.98	112076	28	80	07.90- 11.98		110213	24 6.6
	[8210.42.182]	07.90- 11.98	112076	28	80	07.90- 11.98		110213	24 6.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





IVECO Continued

	[8210.42.191]	07.90- 11.98	112076	28	80	07.90- 11.98	110213	24	6.6
	(TurboTech)[8210.42.151]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
	[8210.42.161]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
	[8210.42.171]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
190-42 17.2	(TurboStar)[8280.22.201]	07.84- 09.86	111419	28	55	07.84- 09.86	110532	24	6.6
	[8280.22.205]	07.84- 09.86	111419	28	55	07.84- 09.86	110532	24	6.6
190-48 17.2	(TurboStar)[8280.42.001]	03.89- 12.93	111419	28	55	03.89- 12.93	110532	24	6.6
	[8280.42.050]	11.91- 11.00	111419	28	55	11.91- 11.00	110532	24	6.6
		11.91- 11.00	112076	28	80				
220-36 13.8	(TurboTech)[8210.42.152]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
	[8210.42.155]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
	[8210.42.172]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
240 E 30 9.5	(EuroTech)[8460.41C.TCA]	01.97-	111987	28	55	01.97-	110582	24	5.4
		01.97-	112076	28	80				
240 E 34 9.5	(EuroTech)[8460.41K.TCA]	09.95- 12.96	111987	28	55	09.95- 12.96	110582	24	5.4
		09.95- 12.96	112076	28	80				
240 E 38 9.5	(EuroStar)[8460.41L.5020]	01.93- 02.02	111987	28	55	01.93- 02.02	110582	24	5.4
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28	55	09.92- 11.00	110582	24	5.4
240 E 42 14.0	(EuroStar)[8210.42L.400]	01.93- 02.02	111987	28	55	01.93- 02.02	112117#	24	6.6
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28	55	04.92- 12.00	112117#	24	6.6
		04.92- 12.00	110532	24	6.6				
240 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28	55	11.95- 12.02	110532	24	6.6
		01.93- 02.02	112076	28	80				
240 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 02.02	111987	28	55	01.93- 02.02	110532	24	6.6
		01.93- 02.02	112076	28	80				
240-26 9.5	(TurboTech)[8460.21.102]	07.90- 11.00	112097	28	30				
240-36 13.8	(TurboTech)[8210.42.155]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
	[8210.42.165]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
	[8210.42.175]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
	[8210.42.185]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
	[8210.42.186]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
	[8210.42.195]	01.90- 12.92	111419	28	55	01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28	55				
		01.90- 12.92	112076	28	80				
260 E 23 6.0	(EuroCargo)[8060.45S.6000TCA]	12.91-	111419	28	55	01.92- 07.00	110518	24	4.0
		12.91- 07.00	112097	28	30	01.00-	113277	24	4.0
		01.92- 07.00	111987	28	55				
			112076	28	80				
260 E 23 KE 5.9	(EuroCargo)		112076	28	80				
260 E 24 7.8	(Cursor)[F2BE0681D]	11.99-	113923	28	90	11.99-	112822	24	4.5
260 E 27 7.7	(EuroCargo)[8360.46.417]					09.91- 07.00	114446	24	5.4
	[8360.46.417TCA]					09.91- 07.00	114446	24	5.4
260 E 27 7.8	(Cursor)[F2BE0681B]	11.99- 11.04	113923	28	90	11.99- 11.04	112822	24	4.5
	[F2BE0681C]	11.99-	113923	28	90	11.99-	112822	24	4.5
	[F2BE0681E]	11.99-	113923	28	90	11.99-	112822	24	4.5
260 E 28 5.9	(Tector)[F4AE0681A]		114296	28	90				
260 E 30 9.5	(EuroTrakker)[8460.41C]	07.92- 07.00	111987	28	55	01.93- 11.04	110582	24	5.4
		07.92- 07.00	112076	28	80				
	[8460.41C.TCA]	11.99- 11.04	111987	28	55	11.99- 11.04	110582	24	5.4
		11.99- 11.04	112076	28	80				
260 E 31 7.8	(Cursor)[F2BE0681B]	09.99- 11.04	113923	28	90	09.99- 11.04	112822	24	4.5
260 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28	55	01.93- 11.04	110582	24	5.4
		04.92- 07.00	112076	28	80				
	[8460.41K.TCA]	11.99- 11.04	111987	28	55	11.99- 11.04	110582	24	5.4
		11.99- 11.04	112076	28	80				
260 E 35 7.8	(Cursor)[F2BE0681A]	09.99- 11.04	113923	28	90	09.99- 11.04	112822	24	4.5
260 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	110532	24	6.6
		11.99- 11.04	112076	28	80				
260 E 37 14.0	(EuroTrakker)[8210.42K]	12.94- 12.01	111987	28	55	01.93- 11.04	112117#	24	6.6
		12.94- 12.01	112076	28	80				
260 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28	90	01.01- 11.04	112823	24	5.5
		08.00-	112427	28	90	08.05-	113984	24	5.0
260 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93- 02.02	111987	28	55	01.93- 02.02	110582	24	5.4
		01.93- 02.02	112076	28	80				
	(EuroTech)[8460.41N]	01.94-	111987	28	55	01.94-	110582	24	5.4
		01.94-	112076	28	80				
260 E 39 10.3	(EuroStar)[F3AE0681E]	11.99-	112427	28	90	08.05-	113984	24	5.0
	(EuroTech)[F3AE0681E]	11.99-	112427	28	90	08.05-	113984	24	5.0
260 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28	90	09.00- 02.02	112823	24	5.5
	(EuroTech)[F3AE0681B]	01.01-	112427	28	90	01.01-	112823	24	5.5
260 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	110532	24	6.6
		11.99- 11.04	112076	28	80				
	(EuroStar)[8210.42L]	01.94- 12.00	111987	28	55	11.99- 11.04	112117#	24	6.6
	(EuroTech)[8210.42L.400]	01.94- 12.00	111987	28	55	01.94- 12.00	112117#	24	6.6
		01.94- 12.00	112076	28	80				
	(EuroTrakker)[8210.42L]	01.93- 12.00	111987	28	55	01.93- 12.00	112117#	24	6.6
260 E 43 10.3	(EuroStar)[F3AE0681D]	08.00- 02.02	112427	28	90	08.05-	113984	24	5.0
	(EuroTech)[F3AE0681D]	08.00- 08.03	112427	28	90	08.05-	113984	24	5.0



260 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28	90	01.01-08.05-	11.04	112823	24	5.5
260 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	11.99-	11.04 111987	28	55	11.99-	11.04 110532	24	6.6	
260 E 47 14.0	(EuroStar)[8210.42M.TCA]	11.99-	11.04 112076	28	80	11.99-	11.04 112117#	24	6.6	
		01.93-	02.02 111987	28	55	01.93-	02.02 110532	24	6.6	
260 E 48 12.9	(EuroStar)[F3BE0681E]	01.93-	02.02 112076	28	80	01.93-	02.02 112117#	24	6.6	
		01.93-	02.02 112427	28	90	01.93-	02.02 113984	24	5.0	
260 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.95-	07.00 111987	28	55	01.93-	02.02 112823	24	5.5	
						01.95-	07.00 110532	24	6.6	
	(EuroTech)[8280.3.]	04.92-	07.00 111987	28	55					
260 S 27 7.8	(Stralis)[F2BE0681F]	04.04-	113923	28	90					
260 S 30 7.8	(Stralis)[F2BE0681E]	04.04-	113923	28	90	10.05-	112822	24	4.5	
260 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28	90					
	[F2BE3681C]	04.04-	113923	28	90					
260 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28	90					
260 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28	90	06.03-	112822	24	4.5	
260 S 36 7.8	(Stralis)[F2BE3681A]	07.07-	113923	28	90					
260 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28	90	08.05-	113984	24	5.0	
	(Stralis)[F3AE0681B]	06.03-	112427	28	90	08.05-	113984	24	5.0	
	(Stralis)[F3A3681B]					12.06-	113984	24	5.0	
260 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28	90	08.05-	113984	24	5.0	
	(Stralis)[F3AE0681D]	06.03-	112427	28	90	08.05-	113984	24	5.0	
260 S 45 10.3	(Stralis)[F3A3681A]					05.07-	113984	24	5.0	
260 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28	90	08.05-	113984	24	5.0	
	(Stralis)[F3BE0681E]	02.02-	112427	28	90	08.05-	113984	24	5.0	
260 S 50 12.9	(Stralis)[F3B3681B]					07.06-	113984	24	5.0	
260 S 54 12.9	(Cursor)[F3BE0681A]	02.02-	112427	28	90	08.05-	113984	24	5.0	
	(Stralis)[F3BE0681A]	02.02-	112427	28	90	08.05-	113984	24	5.0	
260 S 56 12.9	(Stralis)[F3B3681A]					07.06-	113984	24	5.0	
260 T 31 7.8	(Trakker)[F2BE0681B]	10.04-	113923	28	90					
260 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28	90					
260 T 35 7.8	(Trakker)[F2BE0681A]	10.04-	113923	28	90					
260 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28	90					
260 T 38 12.9	(Trakker)[F3BE0681G]	10.04-	112427	28	90	10.04-	113984	24	5.0	
260 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24	5.0	
260 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24	5.0	MI
260 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24	5.0	
260-23 AH 13.4	[F8L513]	04.89-	12.99 113470	28	35					
260-25 AH 13.4	[F8L513]	04.89-	12.99 113470	28	35					
260-30 AH 12.8	[BF8L513]	06.88-	05.90 113470	28	35					
260-30 H 13.8	[8210.]	06.84-	10.91 112097	28	30					
260-34 AH 12.8	[BF8L513]	04.89-	12.99 113470	28	35					
260-34 AHW 12.8	[BF8L513]	04.89-	12.99 113470	28	35					
280 E 23 6.0	(EuroCargo)[8060.45S.6000TCA]	12.91-	11.00 111419	28	55	01.00-	113277	24	4.0	
		12.91-	11.00 112097	28	30	01.92-	11.00 110518	24	4.0	
300-32 AH 12.8	[BF8L513]	04.89-	12.99 113470	28	35					
300-34 AH 12.8	[BF8L513]	04.89-	04.92 113470	28	35					
320 E 27 7.7	(EuroCargo)[8360.46.417]	01.92-	112302	28	120	10.91-	08.00 114446	24	5.4	
	[8360.46.417TCA]					10.91-	08.00 114446	24	5.4	
320 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28	70	09.00-	112498	24	4.0	
		09.00-	08.03 114296	28	90					
320-30 H 13.8	[8210.]	01.84-	07.96 112097	28	30					
		02.90-	07.96 111419	28	55					
320-32 AH 12.8	[BF8L513]	04.89-	07.96 113470	28	35					
330-30 H 13.8	[8210.]	06.84-	12.92 112097	28	30					
330-30 N 13.8	[8210.]	10.89-	12.95 112097	28	30					
330-36 H 13.8	[8210.]	01.89-	12.98 111419	28	55					
		01.89-	12.98 112097	28	30					
330-36 HW 13.8	[8210.]	02.89-	12.98 111419	28	55					
		02.89-	12.98 112097	28	30					
340 E 34 9.5	(EuroTrakker)[8460.41K]	04.92-	07.00 111987	28	55	01.93-	11.04 110582	24	5.4	
		04.92-	07.00 112076	28	80					
	[8460.41K.]	11.99-	11.04 111987	28	55	11.99-	11.04 110582	24	5.4	
		11.99-	11.04 112076	28	80					
340 E 35 7.8	(Cursor)[F2BE0681A]	09.99-	11.04 113923	28	90	09.99-	11.04 112822	24	4.5	
340 E 37 13.8	(EuroTrakker)[8210.42K.]	11.99-	11.04 111987	28	55	11.99-	11.04 110532	24	6.6	
		11.99-	11.04 112076	28	80	11.99-	11.04 112117#	24	6.6	
340 E 37 14.0	(EuroTrakker)[8210.42K]	03.95-	12.02 111987	28	55	01.93-	11.04 112117#	24	6.6	
		03.95-	12.02 112076	28	80					
340 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28	90	01.01-	11.04 112823	24	5.5	
						08.05-	113984	24	5.0	
340 E 42 13.8	(EuroTrakker)[8210.42L.]	11.99-	11.04 111987	28	55	11.99-	11.04 110532	24	6.6	
		11.99-	11.04 112076	28	80	11.99-	11.04 112117#	24	6.6	
		11.99-	11.04 110213	24	6.6					
340 E 42 14.0	(EuroTrakker)[8210.42L]	06.92-	12.00 111987	28	55	01.95-	12.00 110213	24	6.6	
		06.92-	12.00 112076	28	80	01.95-	12.00 110532	24	6.6	
340 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28	90	01.01-	11.04 112823	24	5.5	
						08.05-	113984	24	5.0	
340 T 35 7.8	(Trakker)[F2BE0681A]	06.05-	113923	28	90	06.05-	112822	24	4.5	
340 T 36 7.8	(Trakker)[F2BE3681A]	03.06-	113923	28	90					
340 T 38 12.8	(Trakker)[F3BE0681G]	09.05-	112427	28	90	09.05-	112823	24	5.5	
340 T 38 12.9	(Trakker)[F3BE0681G]	06.05-	112427	28	90	06.05-	112823	24	5.5	
340 T 41 12.9	(Trakker)[F3B3681D]					06.06-	113984	24	5.0	
	[F3BE3681D]					03.06-	113984	24	5.0	
340 T 44 12.8	(Trakker)[F3BE0681C]	06.05-	112427	28	90	06.05-	112823	24	5.5	
340 T 45 12.9	(Trakker)[F3B3681C]					06.06-	113984	24	5.0	
	[F3BE3681C]					03.06-	113984	24	5.0	
340 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24	5.0	
380 E 34 9.5	(EuroTrakker)[8460.41K]	04.92-	07.00 111987	28	55	01.93-	11.04 110582	24	5.4	
		04.92-	07.00 112076	28	80					
	[8460.41K.]	11.99-	11.04 111987	28	55	11.99-	11.04 110582	24	5.4	
		11.99-	11.04 112076	28	80					
380 E 35 7.8	(Cursor)[F2BE0681A]	01.00-	11.04 113923	28	90	01.00-	11.04 112822	24	4.5	
380 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99-	11.04 111987	28	55	11.99-	11.04 110532	24	6.6	
		11.99-	11.04 112076	28	80	11.99-	11.04 112117#	24	6.6	
380 E 37 14.0	(EuroTrakker)[8210.42K]	03.95-	12.02 111987	28	55	01.93-	11.04 112117#	24	6.6	
		03.95-	12.02 112076	28	80					
380 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	11.04 112427	28	90	01.01-	11.04 112823	24	5.5	
						08.04-	113984	24	5.0	
380 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99-	11.04 111987	28	55	11.99-	11.04 110532	24	6.6	
		11.99-	11.04 112076	28	80	11.99-	11.04 112117#	24	6.6	
		11.99-	11.04 110213	24	6.6					
380 E 42 14.0	(EuroTrakker)[8210.42L]	06.92-	12.00 111987	28	55	01.93-	11.04 110213	24	6.6	
		06.92-	12.00 112076	28	80					
380 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	11.04 112427	28	90	01.01-	11.04 112823	24	5.5	
380 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	11.99-	11.04 111987	28	55	11.99-	11.04 112117#	24	6.6	
		11.99-	11.04 112076	28	80	11.99-	11.04 110532	24	6.6	
380 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28	90					



Application list

IVECO Continued

380 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28	90	04.06-	112822	24	4.5
380 T 38 12.9	(Trakker)[F3BE0681G]	06.05-	112427	28	90	06.05-	112823	24	5.5
380 T 41 12.8	(Trakker)[F3B3681D]	09.06-	112427	28	90	09.06-	113984	24	5.0
						09.06-	112823	24	5.5
380 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24	5.0
380 T 45 12.8	(Trakker)[F3B3681C]	09.06-	112427	28	90	09.06-	112823	24	5.5
						09.06-	113984	24	5.0
380 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24	5.0
380 T 50 12.9	(Trakker)[F3BE3681B]	03.07-	112427	28	90	03.06-	113984	24	5.0
						03.07-	112823	24	5.5
380 10 29 9.5	[8460.41L]	01.92- 11.00	112302	28	120				
380 12 29 9.5	[8460.41L]	01.92- 11.00	112302	28	120				
400 E 30 9.5	(EuroTech)[8460.41C.320]	04.92- 12.00	111987	28	55	01.92- 08.98	110582	24	5.4
		04.92- 12.00	112076	28	80				
400 E 31 7.8	(Cursor)[F2BE0681B]	09.98-	113923	28	90	09.98-	112822	24	4.5
400 E 34 9.5	(EuroTech)[8460.41K.406]	01.92- 12.00	111987	28	55	04.92- 12.00	110582	24	5.4
		01.92- 12.00	112076	28	80				
	(EuroTrakker)[8460.41K]					01.93- 12.00	110582	24	5.4
400 E 35 7.8	(Cursor)[F2BE0681A]	09.98- 11.04	113923	28	90	09.98- 11.04	112822	24	4.5
400 E 37 14.0	(EuroTrakker)[8210.42K]	07.94- 12.00	111987	28	55	01.93- 11.04	112117#	24	6.6
		07.94- 12.00	112076	28	80				
400 E 38 9.5	(EuroStar)[8460.41L.5020]	01.94- 11.00	111987	28	55	01.94- 11.00	110582	24	5.4
	[8460.41LTCA]	01.94- 11.00	111987	28	55	01.94- 11.00	110582	24	5.4
	[8460.41N]	01.94- 11.00	111987	28	55	01.94- 11.00	110582	24	5.4
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28	55	09.92- 11.00	110582	24	5.4
	[8460.41N]	09.92- 11.00	111987	28	55	09.92- 11.00	110582	24	5.4
400 E 42 14.0	(EuroStar)[8210.42L]	01.94- 12.00	111987	28	55	01.94- 12.00	112117#	24	6.6
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28	55	04.92- 12.00	112117#	24	6.6
	(EuroTrakker)[8210.42L]	04.92- 12.00	111987	28	55	01.93- 11.04	110532	24	6.6
		04.92- 12.00	112076	28	80	01.93- 11.04	110213	24	6.6
						01.93- 11.04	112117#	24	6.6
400 T 35 7.8	(Trakker)[F2BE0681A]	06.05-	113923	28	90				
400 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28	90				
400 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24	5.0
400 T 42 12.9	(Trakker)[F3BE0681V]	06.05-	112427	28	90	06.05-	113984	24	5.0
400 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24	5.0
400 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24	5.0
410 E 35 7.8	(Cursor)[F2BE0681A]	01.00- 11.04	113923	28	90	01.00- 11.04	112822	24	4.5
410 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	110213	24	6.6
		11.99- 11.04	112076	28	80	11.99- 11.04	110532	24	6.6
						11.99- 11.04	112117#	24	6.6
410 E 37 14.0	(EuroTrakker)[8210.42K]	04.92- 11.00	111987	28	55	01.93- 11.04	112117#	24	6.6
		04.92- 11.00	112076	28	80				
410 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
						08.05-	113984	24	5.0
410 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28	55	11.99- 11.04	112117#	24	6.6
		11.99- 11.04	112076	28	80	11.99- 11.04	110532	24	6.6
						11.99- 11.04	110213	24	6.6
410 E 42 14.0	(EuroTrakker)[8210.42L]	04.92- 11.00	111987	28	55	01.93- 11.04	110213	24	6.6
		04.92- 11.00	112076	28	80				
410 E 44 12.9	(Cursor)[F3BE0681C]	08.00- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
						08.04-	113984	24	5.0
410 T 36 7.8	(Trakker)[F2BE3681A]	03.06-	113923	28	90				
410 T 38 12.9	(Trakker)[F3BE0681G]	04.05-	112427	28	90	04.05-	112823	24	5.5
410 T 41 12.9	(Trakker)[F3B3681D]					06.06-	113984	24	5.0
	[F3BE3681D]					03.06-	113984	24	5.0
410 T 44 12.8	(Trakker)[F3BE0681C]	06.05-	112427	28	90	06.05-	113984	24	5.0
						06.05-	112823	24	5.5
410 T 45 12.9	(Trakker)[F3B3681C]					06.06-	113984	24	5.0
	[F3BE3681C]					03.06-	113984	24	5.0
410 T 48 12.9	(Trakker)[F3BE0681E]	06.05-	112427	28	90	06.05-	112823	24	5.5
410 T 50 12.9	(Trakker)[F3BE0681B]					06.06-	113984	24	5.0
	[F3BE3681B]					03.06-	113984	24	5.0
440 E 31 7.8	(Cursor)[F2BE0681B]	09.98-	113923	28	90	09.98-	112822	24	4.5
440 E 34 9.5	(EuroTech)[8460.41K.406]	01.92-	111987	28	55	04.92- 12.00	110582	24	5.4
		01.92-	112076	28	80				
	(EuroTrakker)[8460.41K]	01.94- 07.00	111987	28	55	01.94- 07.00	110582	24	5.4
440 E 35 7.8	(Cursor)[F2BE0681A]	09.98-	113923	28	90	09.98-	112822	24	4.5
	(EuroTech)[F2BE0681A]					02.00-	112822	24	4.5
440 E 37 14.0	(EuroTrakker)[8210.42K]	04.92- 11.00	111987	28	55	01.93- 11.00	110213	24	6.6
		04.92- 11.00	112076	28	80	01.93- 11.00	110532	24	6.6
						01.93- 11.00	112117#	24	6.6
440 E 38 12.9	(Cursor)[F3BE0681G]	01.01- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
440 E 38 9.5	(EuroStar)[8460.41L.5020]	01.94- 11.00	111987	28	55	01.94-	110582	24	5.4
	[8460.41LTCA]	01.94- 11.00	111987	28	55	01.93-	110582	24	5.4
	[8460.41N]	01.93- 02.02	112076	28	80	01.93-	110582	24	5.4
		01.94- 11.00	111987	28	55				
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28	55	01.92-	110582	24	5.4
	[8460.41LTCA]	04.93- 11.00	111987	28	55	01.93-	110582	24	5.4
		04.93- 11.00	112076	28	80				
	[8460.41N]	09.92- 11.00	111987	28	55	01.92-	110582	24	5.4
440 E 39 10.3	(EuroStar)[F3AE0681E]	11.99-	112427	28	90	11.99-	113984	24	5.0
						11.99-	112823	24	5.5
	(EuroTech)[F3AE0681E]	11.99- 12.00	111987	28	55	11.99-	112823	24	5.5
		11.99- 12.00	112076	28	80	11.99-	113984	24	5.0
						11.99-	112427	28	90
440 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28	90	09.00- 02.02	112823	24	5.5
	(EuroTech)[F3AE0681B]	09.00-	112427	28	90	09.00-	112823	24	5.5
440 E 42 14.0	(EuroStar)[8210.42L]	01.93- 12.00	111987	28	55	01.93- 12.00	112117#	24	6.6
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28	55	04.92- 12.00	112117#	24	6.6
	(EuroTrakker)[8210.42L]	04.92- 12.00	111987	28	55	01.97- 12.00	112117#	24	6.6
		04.92- 12.00	112076	28	80				
440 E 43 10.3	(EuroStar)[F3AE0681D]	11.99- 08.03	112427	28	90	02.02-	113984	24	5.0
	(EuroTech)[F3AE0681D]	11.99- 08.03	112427	28	90	11.99-	112823	24	5.5
						08.03-	113984	24	5.0
440 E 44 12.9	(Cursor)[F3BE0681C]	01.01- 11.04	112427	28	90	01.01- 11.04	112823	24	5.5
440 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28	55	01.93- 02.02	112117#	24	6.6
		01.93- 02.02	112076	28	80	01.93- 02.02	110532	24	6.6
440 E 48 12.9	(EuroStar)[F3BE0681E]	01.01- 02.02	112427	28	90	08.03-	113984	24	5.0
						01.01- 02.02	112823	24	5.5



440 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93-12.00	111987	28	55	01.93-12.00	110532	24	6.6
440 S 31 7.8	(Stralls)[F2BE0681B]	06.03-	113923	28	90	06.03-	112822	24	4.5
440 S 33 7.8	(Stralls)[F2BE3681B]	12.06-	113923	28	90				
440 S 35 7.8	(Stralls)[F2BE0681A]	06.03-	113923	28	90	06.03-	112822	24	4.5
440 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28	90	08.05-	113984	24	5.0
	(Stralls)[F3AE0681B]	06.03-	112427	28	90	08.05-	113984	24	5.0
440 S 42 10.3	(Stralls)[F3A3681B]					07.06-	113984	24	5.0
440 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28	90	08.05-	113984	24	5.0
	(Stralls)[F3AE0681D]	06.03-	112427	28	90	08.05-	113984	24	5.0
440 S 45 10.3	(Stralls)[F3A3681A]					07.06-	113984	24	5.0
440 S 48 12.8	(Stralls)[F3BE0681E]	02.02-	112427	28	90	02.02-	112823	24	5.5
440 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28	90	08.05-	113984	24	5.0
	(Stralls)[F3BE0681E]	02.02-	112427	28	90	08.05-	113984	24	5.0
440 S 50 12.9	(Stralls)[F3B3681B]					07.06-	113984	24	5.0
440 S 54 12.8	(Stralls)[F3BE0681A]	02.02-	112427	28	90	02.02-	112823	24	5.5
440 S 54 12.9	(Cursor)[F3BE0681A]					08.05-	113984	24	5.0
	(Stralls)[F3BE0681A]	02.02-	112427	28	90	08.05-	113984	24	5.0
440 S 56 12.9	(Stralls)[F3B3681A]					07.06-	113984	24	5.0
440 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24	5.0
440 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24	5.0
440 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24	5.0
50-10 4.6	(Zeta)[8340.04.200]	01.79-10.83	111142			01.79-10.83	110518	24	4.0
	[8340.04.250]	01.79-10.83	111142			01.79-10.83	110518	24	4.0
	[8340.04.300]	01.79-10.83	111142			01.79-10.83	110518	24	4.0
	[8340.04.362]	01.79-10.83	111142			01.79-10.83	110518	24	4.0
50-8 3.7	(Zeta)[8040.04.200]	01.83-12.86	111142			01.83-12.86	110517	24	3.2
						01.83-12.86	110521	24	4.0
50-9 3.9	(Zeta)[8040.05.230]	01.87-03.91	111142			01.87-03.91	110517	24	3.2
60 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91-05.96	111987	28	55	01.91-05.96	110517	24	3.2
60 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91-05.96	111987	28	55	01.91-12.96	110521	24	4.0
		01.91-05.96	112097	28	30				
60 E 13 3.9	(Tector)[F4AE0481D]	09.00-	114296	28	90	01.91-05.96	110517	24	3.2
60 E 14 3.9	(Tector)[F4AE3481C]	09.06-	114296	28	90				
60 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91-05.96	111987	28	55	01.91-05.96	110517	24	3.2
		01.91-05.96	112097	28	30	01.91-12.96	110521	24	4.0
60 E 15 3.9	(Tector)[F4AE0481C]	09.00-	114296	28	90				
60 E 16 3.9	(Tector)[F4AE3481D]	09.06-	114296	28	90				
60-10 4.6	(Zeta)[8340.04.040]					11.79-06.88	110518	24	4.0
	[8340.04.200]	05.82-12.86	111142			05.82-12.86	110518	24	4.0
	[8340.04.250]	05.82-12.86	111142			05.82-12.86	110518	24	4.0
60-11 3.9	(Zeta)[8040.25.230R]	01.87-03.91	111142			01.87-03.91	110517	24	3.2
60-8 3.7	(Zeta)[8040.04.200]	01.79-04.83	111142			11.79-04.83	110517	24	3.2
60-9 3.9	(Zeta)[8040.05.200]	09.88-12.92	111419	28	55	09.88-12.92	110518	24	4.0
	[8040.05.203]	09.88-12.92	111419	28	55	09.88-12.92	110518	24	4.0
		09.88-12.92	111987	28	55				
65 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91-05.96	111987	28	55	01.91-05.96	110517	24	3.2
		01.91-05.96	112097	28	30	01.91-12.96	110521	24	4.0
65 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91-05.96	111987	28	55	01.91-	110521	24	4.0
		01.91-05.96	112097	28	30	01.91-05.96	110517	24	3.2
65 E 13 3.9	(Tector)[F4AE0481D]	08.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-08.03	114296	28	90				
65 E 14 3.9	(EuroCargo)[F4AE3481C]	09.06-	114296	28	90				
	(Tector)[F4AE3481C]	09.06-	114296	28	90				
65 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91-06.96	111987	28	55	01.91-06.96	110517	24	3.2
		01.91-06.96	112097	28	30	01.91-	110521	24	4.0
65 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28	70	08.00-	112498	24	4.0
		09.00-08.03	114296	28	90				
65 E 16 3.9	(EuroCargo)[F4AE3481D]	09.06-	114296	28	90				
	(Tector)[F4AE3481D]	09.06-	114296	28	90				
65-10 4.6	(Zeta)[8340.04.200]	05.82-01.87	111142			05.82-01.87	110518	24	4.0
	[8340.04.250]	05.82-01.87	111142			05.82-01.87	110518	24	4.0
	[8340.04.300]	05.82-01.87	111142			05.82-01.87	110518	24	4.0
	[8340.04.350]	05.82-01.87	111142			05.82-01.87	110518	24	4.0
65-12 3.9	(Zeta)[8040.25.200]	01.87-03.91	111142			01.87-03.91	110517	24	3.2
65-9 3.9	(Zeta)[8040.05.230]	01.87-03.91	111142			01.87-03.91	110517	24	3.2
70-12 5.4	(Zeta)[8340.05.200]	01.83-01.85	111142			01.83-01.85	110518	24	4.0
70-14 5.7	(Zeta)[8060.05.246]	05.88-06.91	111142			05.88-06.91	110518	24	4.0
	[8060.05.285]	05.88-06.91	111142			05.88-12.92	110518	24	4.0
720 E 37 14.0	(EuroTrakker)[8210.42K]	09.93-12.95	111987	28	55	01.93-11.04	112117#	24	6.6
		09.93-12.95	112076	28	80				
720 E 42 14.0	(EuroTrakker)[8210.42L]	09.93-12.00	111987	28	55	01.93-11.04	110213	24	6.6
		09.93-12.00	112076	28	80	01.93-11.04	112117#	24	6.6
						01.93-11.04	110532	24	6.6
720 E 44 12.9	(Cursor)[F3BE0681C]	01.01-11.04	112427	28	90	01.01-11.04	112823	24	5.5
720 E 47 17.2	(EuroTrakker)[8210.42M.TCA]					01.93-11.04	112117#	24	6.6
720 E 48 12.9	(Cursor)[F3BE0681E]	01.01-11.04	112427	28	90	01.01-11.04	112823	24	5.5
720 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24	5.0 MI
720 T 42 12.9	(Trakker)[F3BE0681V]	04.05-	112427	28	90	04.05-	113984	24	5.0
720 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24	5.0 MI
720 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24	5.0
75 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91-05.96	111987	28	55	01.91-05.96	110517	24	3.2
		01.91-05.96	112097	28	30	01.91-	110521	24	4.0
		01.97-	112076	28	80				
75 E 13 3.9	(Tector)[F4AE0481D]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-08.03	114296	28	90				
75 E 14 3.9	(Tector)[F4AE3481C]	09.06-	114296	28	90				
75 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91-12.93	111987	28	55	01.91-	113183	24	4.0
		01.91-12.93	112097	28	30	01.91-08.00	110517	24	3.2
						01.91-	110521	24	4.0
	[8040.45.4180TCA]	01.91-12.93	111987	28	55	01.91-08.00	110517	24	3.2
						01.91-	110521	24	4.0
						11.85-03.91	113183	24	4.0
75 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-08.03	114296	28	90				
75 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91-12.92	111987	28	55	01.91-12.92	110518	24	4.0
		01.91-12.92	112097	28	30	01.00-	113277	24	4.0
75 E 16 3.9	(EuroCargo)[F4AE3481D]	05.06-	114296	28	90				
	(Tector)[F4AE3481D]	09.06-	114296	28	90				
75 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-08.03	114296	28	90				
75 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28	70	09.00-	112498	24	4.0
		09.00-08.03	114296	28	90				
79-10 4.6	(Zeta)[8340.04.200]	01.83-01.87	111142			01.83-01.87	110518	24	4.0
	[8340.04.300]	01.83-01.87	111142			01.83-01.87	110518	24	4.0
79-12 3.9	(Zeta)[8040.25.200]	01.87-03.91	111142			01.87-03.91	110517	24	3.2
	[8040.25.220]	01.87-03.91	111142			01.87-03.91	110517	24	3.2





Application list

IVECO Continued

79-13 5.5	(Zeta)[8060.04.060]	01.83- 06.83	111142			01.83- 06.83	110521	24	4.0
	[8060.04.660]	01.83- 06.83	111142			11.79- 12.83	113183	24	4.0
79-14 5.5	(Zeta)[8060.04.660]	07.83- 11.85	111142			07.83- 11.85	110521	24	4.0
						11.79- 12.83	113183	24	4.0
79-14 5.9	(Zeta)[8060.05.280]	12.85- 03.91	111142			01.83- 11.85	113183	24	4.0
						07.88- 03.91	110518	24	4.0
80 E 15 3.9	(Tector)[F4AE0481C]	09.00- 09.00	113188	28	70	09.00-	112498	24	4.0
		08.03	114296	28	90				
80 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 08.00	111987	28	55	01.91- 08.00	110518	24	4.0
		01.91- 08.00	112097	28	30	01.00-	113277	24	4.0
80 E 17 3.9	(Tector)[F4AE0481A]	09.00- 09.00	113188	28	70	09.00-	112498	24	4.0
		08.03	114296	28	90				
80 E 18 3.9	(Tector)[F4AE3481B]	09.06-	114296	28	90				
	(Tector)[F4AE0681E]	09.00-	113188	28	70	09.00-	112498	24	4.0
80 E 18 5.9		09.00- 08.03	114296	28	90				
	(EuroCargo)[8060.25V.4000TC]	01.91- 08.00	111987	28	55	01.91- 08.00	110518	24	4.0
80 E 21 5.9		01.91- 08.00	112097	28	30	01.00-	113277	24	4.0
	(Tector)[F4AE0681D]	09.00- 09.00	113188	28	70	09.00-	112498	24	4.0
80 E 21 6.0		08.03	114296	28	90				
	(EuroCargo)[8060.45.4100TCA]	01.91- 08.00	111987	28	55	01.91- 08.00	110518	24	4.0
		01.91- 08.00	112097	28	30	01.00-	113277	24	4.0
	[8060.45.4180TCA]	01.91- 08.00	111987	28	55	01.00-	113277	24	4.0
		01.91- 08.00	112097	28	30	01.91- 08.00	110518	24	4.0
	(EuroCargo)[F4AE3481D]	05.06-	114296	28	90				
80 EL 16 3.9	(Tector)[F4AE0481A]	09.00-	114296	28	90				
	(Tector)[F4AE3481B]	09.06-	114296	28	90				
80 EL 18 3.9	[BF6L913]	03.86- 12.91	113470	28	35				
	[BF6L913]	03.86- 12.91	113470	28	35				
80-13 A... 6.1	(Tector)[F4AE0481A]	09.00- 09.00	113188	28	70	09.00-	112498	24	4.0
		08.03	114296	28	90				
80-16A... 6.1	(Tector)[F4AE0681E]	09.00-	113188	28	70	09.00-	112498	24	4.0
		08.03	114296	28	90				
90 E 17 3.9	(Tector)[F4AE0681D]	09.00- 09.00	113188	28	70	09.00-	112498	24	4.0
		08.03	114296	28	90				
90 E 21 5.9	(Tector)[F4AE3681B]	09.06-	114296	28	90				
	[BF6L913T]	03.86- 12.91	113470	28	35				
90 E 22 5.9		01.91- 12.91	112097	28	30				
	(EuroCargo)[8060.25R.4750]	11.93- 12.94	111987	28	55	01.00-	113277	24	4.0
95 E 15 6.0		11.93- 12.94	112076	28	80				
	[8060.25R.4755]	11.93- 12.94	111987	28	55	01.00-	113277	24	4.0
		11.93- 12.94	112076	28	80				
	[8060.25R.4760]	11.93- 12.94	111987	28	55	01.00-	113277	24	4.0
		11.93- 12.94	112076	28	80				
	[8060.25R.4764]	11.93- 12.94	111987	28	55	01.00-	113277	24	4.0
		11.93- 12.94	112076	28	80				
	[8060.45.4702]					01.00-	113277	24	4.0
	[8060.45R.5050]	01.93- 08.00	111987	28	55	01.00-	113277	24	4.0
		08.00	112076	28	80				
	[8060.45R.5051]	01.93- 08.02	111987	28	55	01.00-	113277	24	4.0
		08.02	112076	28	80				
95 E 21 6.0	(EuroCargo)[8060.45.4700]	01.91- 12.00	111987	28	55	01.00-	113277	24	4.0
		01.91- 12.00	111987	28	55	01.00-	113277	24	4.0
	[8060.45.4706]	01.91- 12.00	111987	28	55	01.00-	113277	24	4.0
	[8060.45.4708]	01.91- 12.00	111987	28	55	01.00-	113277	24	4.0
	[8060.45.5250]	01.91- 08.00	111987	28	55	01.00-	113277	24	4.0
		08.00	112076	28	80				
	[8060.45.5251]	01.91- 08.00	111987	28	55	01.00-	113277	24	4.0
		08.00	112076	28	80				
	[8060.45.5255]	01.91- 08.00	111987	28	55	01.00-	113277	24	4.0
		08.00	112076	28	80				
95-14 5.5	(Zeta)[8060.04.669]	07.83- 10.85	111142			07.83- 10.85	110521	24	4.0
						07.83- 10.98	113183	24	4.0
M 115-17 5.5	[8060.24.601]	09.83- 12.85	111142			09.83- 12.85	110518	24	4.0
	[8060.25.600]	01.86- 12.99	111142			01.86- 12.99	110518	24	4.0
M 115-17 5.7	[8060.25.600]	01.86- 12.99	111142			01.86- 12.99	110518	24	4.0
	[8060.25.600]	01.86- 12.99	111142			01.86- 12.99	110518	24	4.0
M 135-17 5.5	[8060.24.601]	09.83- 12.85	111142			09.83- 12.85	110518	24	4.0
	[8060.25.600]	01.86- 08.92	111142			01.86- 08.92	110518	24	4.0
M 135-17 5.9	[8060.25.600]	02.86- 07.92	111142			02.86- 07.92	110518	24	4.0
	[8360.05.254]	07.82- 09.86	111142			07.82- 09.86	110518	24	4.0
M 145-17 5.9	[8220.22.002]					06.82- 09.86	110582	24	5.4
	[8220.22.102]					06.82- 09.86	110582	24	5.4
M 175-17 5.9	[8060.25.600]	07.86- 12.92	111142			09.86- 07.92	110518	24	4.0
	[8460.21.002]	09.86- 07.92	111142			09.86- 07.92	110582	24	5.4
M 175-24 9.5	[8460.21.010]	09.86- 07.92	111142			09.86- 07.92	110582	24	5.4
	[BF6L913T]	01.83- 12.91	112046	14	95	03.86- 12.91	110523	24	4.8
MK 110-13 6.1		01.83- 02.86	112098	14	65	01.83- 12.91	110536	12	2.7
		02.86	112736	14	65	04.85- 02.86	113467	12	3.7
	[F6L913]	03.86- 12.89	113470	28	35				
		01.83- 12.91	112046	14	95	03.86- 12.91	110523	24	4.8
		01.83- 02.86	112098	14	65	04.85- 02.86	113467	12	3.7
		02.86	112736	14	65	01.83- 12.91	110536	12	2.7
MK 110-16 6.1	[BF6L913]	01.83- 12.91	112046	14	95	03.86- 12.91	110523	24	4.8
		01.83- 02.86	112098	14	65	01.83- 02.86	113467	12	3.7
		01.83- 02.86	112736	14	65				
		03.86- 12.89	113470	28	35				
	[BF6L913T]	01.83- 12.85	111419	28	55	01.83- 12.85	113467	12	3.7
		12.85	112046	14	95	01.83- 12.85	110523	24	4.8
		01.83- 12.85	112098	14	65				
		12.85	112098	14	65				
		01.83- 12.85	112736	14	65				
		12.85	112747	28	55				
		01.83- 12.85	113470	28	35				
		12.85	111419	28	55	01.83- 12.85	113467	12	3.7
	[F6L913]	01.83- 12.85	112046	14	95	01.83- 12.85	110523	24	4.8
		12.85	112098	14	65				
		01.83- 12.85	112098	14	65				
		12.85	112736	14	65				
		01.83- 12.85	112747	28	55				
		12.85	113470	28	35				
MK 130-13 6.1	[BF6L913T]	01.83- 12.91	112046	14	95	03.86- 05.89	110523	24	4.8
		01.83- 02.86	112098	14	65	01.83- 12.91	110536	12	2.7
		01.83- 02.86	112736	14	65	04.85- 02.86	113467	12	3.7
		03.86- 05.89	110766	28	27				
		03.86- 05.89	113470	28	35				
		01.83- 12.91	112046	14	95	04.85- 02.86	113467	12	3.7
	[F6L913]	01.83- 02.86	112098	14	65	01.83- 12.91	110536	12	2.7
		02.86	112736	14	65				
MK 130-16 6.1	[BF6L913]	01.83- 12.91	112046	14	95	03.86- 12.91	110523	24	4.8
		01.83- 02.86	112098	14	65	01.83- 02.86	113467	12	3.7
		01.83- 02.86	112736	14	65				
		03.86- 12.91	110766	28	27				
		03.86- 10.91	113470	28	35				
		01.83- 05.89	112046	14	95	01.83- 02.86	110536	12	2.7
MK 75-9 4.1	[BF4L913T]	11.85- 10.87	110766	28	27				
		11.87- 05.89	113470	28	35				
	[F4L913]	01.83- 05.89	112046	14	95	01.83- 02.86	110536	12	2.7
		01.83- 02.86	112098	14	65				
		01.83- 02.86	112736	14	65				



MK 80-13 6.1	[BF6L913T]	01.83- 12.91 112046	14	95	03.86- 12.91 110523	24	4.8
		01.83- 02.86 112098	14	65	04.85- 02.86 113467	12	3.7
		01.83- 02.86 112736	14	65	01.83- 02.86 110536	12	2.7
		03.86- 12.89 113470	28	35			
		01.83- 12.91 112046	14	95	01.83- 12.91 110523	24	4.8
MK 80-16 6.1	[BF6L913]	01.83- 12.91 112046	14	95	03.86- 12.91 110523	24	4.8
		01.83- 02.86 112098	14	65	01.83- 02.86 113467	12	3.7
		01.83- 02.86 112736	14	65			
		03.86- 12.89 113470	28	35			
MK 80-9 4.1	[F4L913]	01.83- 02.86 112046	14	95	01.83- 02.86 110536	12	2.7
		01.83- 02.86 112098	14	65			
		01.83- 02.86 112736	14	65			
MK 90-13 6.1	[BF6L913T]	01.83- 12.91 112046	14	95	04.85- 12.91 113467	12	3.7
		01.83- 02.86 112098	14	65	01.83- 02.86 110536	12	2.7
		01.83- 02.86 112736	14	65	03.86- 12.91 110523	24	4.8
		03.86- 12.91 113470	28	35			
P/PA 120-13 6.2	[BF6L913T]	08.83- 02.88 110766	28	27	08.83- 09.90 110523	24	4.8
		03.88- 12.89 113470	28	35			
P/PA 120-16 6.2	[BF6L913]	01.83- 02.88 110766	28	27	01.83- 02.86 110523	24	4.8
		03.88- 11.89 113470	28	35	01.83- 11.89 113464	24	4.0
P/PA 120-17 6.2	[BF6L913]	01.83- 11.89 110766	28	27	01.83- 11.89 113464	24	4.0
		03.88- 11.89 113470	28	35			
P/PA 150-16 6.2	[BF6L913]	01.83- 02.88 110766	28	27	01.83- 12.91 113464	24	4.0
		03.88- 12.89 113470	28	35			
P/PA 159-17 8.1	[8360.05.254]	07.82- 09.86 111142			07.82- 09.86 110518	24	4.0
P/PA 160-17 6.2	[BF6L913]	07.89- 07.96 113470	28	35	07.89- 12.93 113464	24	4.0
		[BF6L913/U]	07.89- 07.96 113470	28	35	07.89- 07.96 113464	24
P/PA 160-23 12.8	[BF8L513]	06.86- 05.89 110766	28	27	06.86- 05.89 110535	24	5.4
		06.86- 05.89 113470	28	35			
		[F8L413F]	04.84- 05.89 110766	28	27	04.84- 05.89 110534	24
P/PA 160-30 12.8	[BF8L513]	01.85- 05.89 113470	28	35			
		06.86- 02.88 110766	28	27	06.86- 05.89 110535	24	5.4
P/PA 170-23 13.4	[F8L513]	03.88- 05.89 113470	28	35			
		04.88- 07.96 113470	28	35	01.90- 07.96 110534	24	5.4
P/PA 170-25 13.4	[F8L513]	04.88- 07.96 113470	28	35	04.88- 07.91 110535	24	5.4
		03.89- 12.93 113470	28	35	03.89- 07.91 110535	24	5.4
P/PA 170-34 12.8	[BF8L513]	04.89- 07.91 113470	28	35	04.89- 07.91 110535	24	5.4
		01.91- 12.93 112747	28	55	07.91- 07.00 110535	24	5.4
P/PA 180-23 13.4	[F8L513]	01.91- 12.93 113470	28	35			
		01.91- 12.93 112747	28	55			
P/PA 180-25 13.4	[F8L513]	01.91- 07.00 112747	28	55	07.91- 07.00 110535	24	5.4
		01.91- 07.00 113470	28	35			
P/PA 180-34 12.8	[BF8L513]	07.91- 07.00 112747	28	55	07.91- 07.00 110535	24	5.4
		[F8L413F]	07.83- 09.90 110117	28	40	07.83- 09.90 110535	24
P/PA 190-25 12.8	[F8L413F]	07.83- 06.86 110766	28	27			
		04.87- 01.99 111142			04.87- 01.99 110213	24	6.6
P/PA 190-30 13.8	[8210.22.175]	04.87- 01.99 111419	28	55			
		04.87- 01.99 111987	28	55			
P/PA 190-30 13.8	[8210.22.210]	04.87- 12.92 112109#	28	45			
		04.87- 12.90 111419	28	55	04.87- 12.92 112118	24	6.6
P/PA 190-30 13.8	[8210.22.236]	04.87- 12.90 111419	28	55			
		04.87- 12.90 111987	28	55			
P/PA 190-30 13.8	[8210.22.511]	04.87- 12.90 112097	28	30			
		04.87- 12.92 112109#	28	45			
P/PA 190-30 13.8	[8210.22.521]	09.87- 09.97 111142					
		Eng. 461335-09.87-09.97 111987	28	55	09.87- 09.97 110213	24	6.6
P/PA 190-30 13.8	[8210.22.523]	Eng. -461334 09.87-09.97 111419	28	55			
		04.87- 12.92 112109#	28	45			
P/PA 190-30 13.8	[8210.22.525]	09.87- 09.97 111142					
		Eng. 461335-09.87-09.97 111987	28	55	09.87- 09.97 110213	24	6.6
P/PA 190-30 13.8	[8210.22.535]	Eng. -461334 09.87-09.97 111419	28	55			
		04.87- 12.92 112109#	28	45			
P/PA 190-30 13.8	[8210.22.537]	09.87- 09.97 111142					
		Eng. 461335-09.87-09.97 111987	28	55	09.87- 09.97 110213	24	6.6
P/PA 190-32 16.0	[F10L413F]	09.87- 09.97 111142					
		Eng. -461334 09.87-09.97 111419	28	55			
P/PA 260-25 12.8	[F8L413F]	04.87- 12.92 112109#	28	45			
		01.83- 12.85 110766	28	27	01.83- 12.85 110534	24	5.4
P/PA 260-25 13.4	[F8L513]	12.79- 06.86 110117	28	40	07.83- 06.86 110535	24	5.4
		07.83- 06.86 110766	28	27	12.79- 06.86 110534	24	5.4
P/PA 260-30 12.8	[BF8L513]	04.89- 12.99 113470	28	35	04.89- 12.99 110535	24	5.4
		06.86- 05.90 112747	28	27	06.86- 05.90 110535	24	5.4
P/PA 260-32 16.0	[F10L413F]	03.88- 12.89 113470	28	35			
		01.83- 12.85 110766	28	27	01.83- 12.85 110534	24	5.4
P/PA 260-34 12.8	[BF8L513]	09.87- 09.97 111142					
		04.89- 12.99 113470	28	35	04.89- 12.99 110535	24	5.4
P/PA 300-30 12.8	[BF8L513]	04.87- 05.89 112747	28	55	04.87- 05.89 110535	24	5.4
		05.86- 02.88 110766	28	27	05.86- 09.90 110535	24	5.4
P/PA 330-30 13.8	[8210.22X.069]	01.88- 12.92 112109#	28	45			
		03.88- 12.89 113470	28	35			
P/PA 330-30 13.8	[8210.22X.235]	10.87- 12.95 111142			10.87- 12.95 110212	24	6.6
		01.88- 12.92 112109#	28	45			
P/PA 330-30 13.8	[8210.22X.523]	01.84- 07.96 111142			06.84- 12.92 110212	24	6.6
		01.88- 12.92 112109#	28	45	01.91- 12.92 112118	24	6.6
P/PA 330-30 13.8	[8210.22X.575]	02.90- 12.92 111419	28	55			
		01.91- 12.92 111987	28	55			
P/PA 330-36 13.8	[8210.42.210]	01.91- 12.92 112097	28	30			
		06.84- 12.92 111142			06.84- 12.92 110212	24	6.6
P/PA 330-36 13.8	[8210.42.235]	01.88- 12.92 112109#	28	45			
		01.87- 12.95 111142					
P/PA 330-36 13.8	[8210.42.237]	01.88- 12.92 112109#	28	45			
		02.90- 12.92 111419	28	55			
P/PA 330-36 13.8	[8210.42.269]	10.87- 12.95 111142			10.87- 12.95 110212	24	6.6
		01.91- 12.99 111419	28	55			
P/PA 330-36 13.8	[8210.42.270]	01.91- 12.99 111419	28	55			
		01.91- 12.99 111419	28	55			
P/PA 330-36 13.8	[8210.42.271]	01.91- 12.99 111419	28	55			
		01.91- 12.99 111419	28	55			
P/PA 340-34 12.8	[BF8L513]	01.91- 12.99 111419	28	55			
		03.89- 12.98 113470	28	35	03.89- 12.98 110535	24	5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

IVECO Continued

Various Models									
								110523	24 4.8
							07.86-	113464	24 4.0
							09.72- 12.79	110519	12 3.0
							03.77- 07.82	110518	24 4.0
							11.74- 05.79	110517	24 3.2
							11.74- 05.79	110521	24 4.0
							01.71- 10.82	110213	24 6.6
							N-series/H-series 01.77- 12.99	112118	24 6.6
							1327A.. 01.73- 01.00	112579	12 6.5
<b>MARINE</b>									
8041 3.9	[8041SRM15.10]						01.90- 12.00	110813	12 2.7
8141 2.4	[8141SRM1300]						09.91- 12.01	110813	12 2.7
8210 13.9	[8210M22.10]	09.86- 12.00	112097	28 30			01.90-	110532	24 6.6
		12.88- 12.00	111419	28 55					
			112109#	28 45					
8281 17.0	[8281M32.10]	01.90-	111419	28 55			01.90-	110532	24 6.6
8282 17.0	[8282.02... 22...]	01.92-	111419	28 55			01.92-	110532	24 6.6
8361 8.0	[8361.25.540...]		112109#	28 45			01.92- 12.02	110522	12 3.0
8361 8.1	[8361M16.10]						01.90- 12.00	110522	12 3.0
8460 9.5	[5460.41.970]	10.89-	111419	28 55			10.89-	110582	24 5.4
Various Models									
		06.83- 02.90	112097	28 30				113453	24 6.5
			112109#	28 45					
		03.90- 12.00	111686	14 65					
		05.89- 12.00	111419	28 55					
<b>MOTORS</b>									
8040 3.9	[8040.25.900]						06.87- 12.99	110813	12 2.7
8041 3.7	[8041.04...]		112109#	28 45			07.83- 12.84	110517	24 3.2
							07.83- 12.84	110813	12 2.7
8041 3.9	[8041.05...]		112109#	28 45			10.89- 12.89	110517	24 3.2
							06.86- 09.88	110521	24 4.0
							06.86- 09.88	110529	12 3.0
							06.87- 12.89	110813	12 2.7
8051 4.9	[8051.05...]						01.84-	110521	24 4.0
							01.84-	110529	12 3.0
8061 5.5	[8061.04...]		112109#	28 45			06.83- 09.86	110521	24 4.0
							06.83- 09.86	110529	12 3.0
8061 5.9	[8061...]	01.86-	111419	28 55			01.86- 12.00	110529	12 3.0
			112109#	28 45			01.86- 12.00	110813	12 2.7
8141 2.4	[8141...]	01.90- 08.93	110882	14 45			01.90-	110814	12 2.7
8210 13.0	[8210.22.170]	06.83- 12.89	112097	28 30			01.90-	110532	24 6.6
		01.90-	112109#	28 45					
8210 13.8	[8210...]	03.85- 12.89	112097	28 30			03.85-	110532	24 6.6
		03.85-	112109#	28 45					
8215 13.8	[8215.22.545]						01.87-	110347	24 7.5
8217 13.8	[8217.32.036]						01.91-	110532	24 6.6
8262 12.9	[8262.43.001]						01.90-	110347	24 7.5
8281 17.0	[8281.22... 42...]						03.90-	110532	24 6.6
8281 17.2	[8281.02... 22...]	06.83-	111419	28 55			06.83-	110532	24 6.6
		06.83- 10.86	112097	28 30					
8361 8.1	[8361.25...]	06.83-	111419	28 55			06.83- 12.85	110522	12 3.0
		06.83-	111686	14 65					
			112109#	28 45					
8460 9.5	[8361SH10.00]						01.90- 12.00	110522	12 3.0
	[8460SL...]						10.89-	110582	24 5.4
<b>Jacobsen</b>									
<b>AGRICULTURE</b>									
Lawn Mower	[VM Motori]							114055	12 2.3
<b>Jaquar</b>									
<b>PASSENGER CARS EU</b>									
S-type 2.5 V6									
							04.02-	111459	12 1.2
							04.02-	111303	12 0.8
XJ 6 2.9	[AJ6]	10.86- 08.90	111157	14 90			10.86- 08.90	113745	12 1.4
XJ 6 3.2 24V	[9BPMNA]						09.90- 11.94	113745	12 1.4
XJ 6 3.6	[AJ6]						10.86- 08.89	113745	12 1.4
	[AJ6.4]	10.86- 08.89	111157	14 90			10.86- 08.89	113745	12 1.4
XJ 6 4.0	[9EPCNA]						09.89- 11.94	113745	12 1.4
XJ S 3.6	[AJ6]						10.86- 12.89	113745	12 1.4
XJ S 4.0	[9EPCNA]						05.91- 09.94	113745	12 1.4
XJ S 5.3	[V12]						01.87- 05.92	113171	12 2.0
XJ SC 3.6	[AJ6]						10.86- 12.88	113745	12 1.4
XJ SC 4.0	[9EPCNA]						05.91- 09.94	113745	12 1.4
X-Type 2.2 Diesel	CF1	10.05-	113709	14 115			10.05-	112821	12 2.2
<b>PASSENGER CARS US</b>									
XJ 4.2		01.71- 01.71	110179	14 36					
XJ 12 5.3		01.73- 01.74	111204	14 70					
XJ 12 5.3 L		01.79- 01.79	111204	14 70					
XJ 12 6.0							01.93- 01.96	113171	12 2.0
XJ 6 4.2		01.72- 01.74	110179	14 36					
XJ 6 4.2 C		01.75- 01.77	110179	14 36					
XJ 6 4.2 L		01.75- 01.77	110179	14 36					
XJS 5.3		01.76- 01.81	111204	14 70					
XJS 6.0							01.94- 01.95	113171	12 2.0
X-type 2.5							01.02- 01.03	111374	12 1.5
X-type 3.0							01.02- 01.03	111374	12 1.5
<b>JCB</b>									
<b>AGRICULTURE</b>									
EXcavators	[Isuzu 6BG1]							114483	24 4.5
Various Models									
								114320	12 3.0
								114264	12 4.2
<b>INDUSTRY</b>									
3	[BMC 384/4]						01.71- 01.80	111573	12 2.8
	[BMC 4/65]						01.71- 01.80	111573	12 2.8
8	[Perkins 6-354]						01.69- 01.74	110460	12 2.8
							01.85- 01.90	113654	12 3.0 MA
							01.85- 01.90	113655	12 3.0 MA
							01.69-	114387	12 3.2 IS
							01.69-	114388	12 3.2 IS
110	[Perkins 4-243]						01.70- 01.81	110460	12 2.8
407 Diesel		01.93-	114360	14 70					
420 Loader							01.82- 01.91	110615	12 2.8
430 Loader							01.83-	110615	12 2.8
2B							01.69- 01.70	111573	12 2.8
2CX Diesel Backhoe Loader		01.92-	114360	14 70					
2D	[BMC 384/4]						01.72- 01.80	111573	12 2.8
	[BMC 4/65]						01.71- 01.80	111573	12 2.8
3CX Diesel Backhoe Loader		01.85-	114360	14 70					
4CX Loader							01.91-	110615	12 2.8
4D	[BMC 384/4]						01.72- 01.80	111573	12 2.8
	[BMC 4/65]						01.71- 01.80	111573	12 2.8
5C							01.70- 01.71	110460	12 2.8
6C							01.70- 01.71	110460	12 2.8
7B							01.69- 01.71	110460	12 2.8
7C							01.69- 01.71	110460	12 2.8
EXcavators	[Isuzu 6BG1]							114483	24 4.5
Mini Digger							01.99-	110552	12 1.2
Various Models									
		01.87-	113763	14 85				110615	12 2.8
								112534	12 2.0
							01.85-	114264	12 4.2
							01.85-	113181	12 2.3



Jeep										
PASSENGER CARS EU										
Cherokee 2.1 TD	[JBS]							01.88-	111114	12 3.1
Cherokee 2.5 i	[EPE]	12.91-	111193	14	90			12.91- 05.94	111490	12 1.4
								06.94- 11.96	112301	12 1.2
	[HX]							12.91- 05.94	111490	12 1.4
		12.91-	113064#	14	75			06.94- 11.96	112301	12 1.2
		11.96- 01.97	111194	14	120			11.96-	113047#	12 1.4
		11.96- 01.98	111193	14	90			AT 11.96-	114238	12 1.4
		11.96-	113064#	14	75			11.96-	112301	12 1.2
	[EPE]	12.91-	113064#	14	75					
	[HX]	12.91-	111193	14	90					
Cherokee 2.5 TD	[VMHR425CLRXX]	10.95-	114243	14	130			09.94- 08.96	112454	12 2.2
Cherokee 2.5 CRD		09.01-	114405	14	110			09.01-	114279	12 2.2
Cherokee 2.8 CRD								11.02-	114279	12 2.2
Cherokee 3.7 V6		08.03-	113607	14	136					
Cherokee 4.0 i	[ERH]	01.91-	111193	14	90			01.88-	111349	12 1.2
	[MX]	12.91-	111193	14	90			12.91-	111349	12 1.2
	[ERH]	01.87- 01.91	110986	14	100/105					
		01.88-	113064#	14	75					
		01.95-	111194	14	120					
	[MX]	12.91-	113064#	14	75					
								07.98-	111349	12 1.2
CJS - CJB 2.5		01.80- 12.87	110504	14	90					
		AC 01.83- 01.86	110508	14	78					
		01.81- 01.86	110505	14	75					
		01.81- 01.82	110233	14	63					
Commander 3.0 CRD		04.06-	114042	14	180					
Commander 5.7 V8		01.06- 01.06	113804	14	160					
		Motor size 345 01.07-	113802	14	160					
Grand Cherokee 2.5 TD	[M51]							10.95-	112454	12 2.2
	[M52]							10.95-	112454	12 2.2
Grand Cherokee 2.7 CRD 4x4	[ENF]							10.01-	114144	12 2.0
								10.01-	114237	12 2.2
Grand Cherokee 3.1		04.99-	114243	14	130					
Grand Cherokee 4.0	[ERH]							04.99-	111349	12 1.2
Grand Cherokee 4.0 AWD	[ERH]	09.92- 04.99	111193	14	90			09.91-	111349	12 1.2
	[ERH]									
		09.91- 04.99	113064#	14	75					
Grand Cherokee 4.0 i	[MX]	09.91-	111193	14	90			09.91-	111349	12 1.2
	[MX]									
		09.91- 04.99	113064#	14	75					
		01.94-	111194	14	120					
	[S01]	10.95- 01.98	111193	14	90			10.95-	111349	12 1.2
		10.95- 01.98	111194	14	120					
		10.95- 04.99	113064#	14	75					
Grand Cherokee 4.7 V8								08.00-	113618	12 1.6
Grand Cherokee 5.2	[Y01]	10.95- 01.98	111193	14	90					
		10.95- 04.99	113064#	14	75					
		01.97- 01.98	111194	14	120					
Grand Cherokee 5.2 AWD	[ELF]	01.92- 04.99	113064#	14	75					
		01.98- 04.99	111193	14	90					
		01.98- 04.99	111194	14	120					
Grand Cherokee 5.2 i	[Y]	01.92- 01.99	111193	14	90					
		09.92- 04.99	113064#	14	75					
		01.97- 01.99	111194	14	120					
Grand Cherokee 6.1 V8		01.97- 12.97	113802	14	160					
		01.06- 12.06	113804	14	160					
Grand Wagoneer								01.81-	110231	12
Various Models								01.81-	110414	12
								4.2 01.87-	111349	12 1.2
								eng. 350 01.68- 01.70	112897	12 1.7
								eng. 232, 258 01.65- 01.77	110509	12 1.4
								01.84- 01.88	110232#	12
								01.81- 01.83	110231	12
								01.86-	112541	12 2.2
									111490	12 1.4
Wrangler 2.5		01.91- 12.91	111193	14	90			01.88- 05.94	111490	12 1.4
								01.88- 12.91	110232#	12
		01.88- 08.96	113064#	14	75			06.94-	112301	12 1.2
	[P00]	08.96- 01.98	111193	14	90			AT 08.96-	114238	12 1.4
		08.96- 01.97	111194	14	120			08.96-	112301	12 1.2
		08.96-	113064#	14	75					
		01.86- 01.91	110508	14	78					
Wrangler 4.0	[ERH]	06.98-	113357#	14	81			01.97- 12.02	111349	12 1.2
		12.91-	111193	14	90			12.91-	111349	12 1.2
	[S01]	08.96- 01.98	111193	14	90			08.96-	111349	12 1.2
		08.96-	113064#	14	75					
		12.91- 08.96	113064#	14	75					
Wrangler 4.2	[6L<C2V->]	01.86- 01.89	110508	14	78					
PASSENGER CARS US										
Cherokee 2.1 Turbo								01.85- 01.87	112541	12 2.2
								01.85- 01.87	111114	12 3.1
Cherokee 2.1 Turbo Chief								01.86- 01.87	111114	12 3.1
Cherokee 2.1 Turbo Laredo								01.86- 01.87	111114	12 3.1
Cherokee 2.1 Turbo Pioneer								01.86- 01.87	111114	12 3.1
Cherokee 2.5		01.99- 01.00	113358	14	117			01.98- 01.98	112301	12 1.2
		01.91- 01.98	113063	14	90			01.86- 01.93	111490	12 1.4
		01.88- 01.90	110724	14	61/74			01.84- 01.87	110232#	12
		01.84- 01.87	110505	14	75					
		01.84- 01.87	110471	14	94					
		01.84- 01.87	110233	14	63					
		01.83- 01.87	110508	14	78					
Cherokee 2.5 Chief		01.88-	110724	14	61/74			01.86- 01.87	111490	12 1.4
		01.86- 01.87	110471	14	94					
		01.86- 01.87	110505	14	75					
		01.86- 01.87	110233	14	63					
		01.86- 01.87	110508	14	78					
Cherokee 2.5 Laredo		01.88- 01.89	110724	14	61/74			01.86- 01.89	111490	12 1.4
		01.86- 01.87	110508	14	78			01.86- 01.87	110232#	12
		01.86- 01.87	110471	14	94					
		01.86- 01.87	110233	14	63					
		01.86- 01.87	110505	14	75					





Application list

JEEP Continued

Cherokee 2.5 Pioneer	01.88- 01.89	110724	14	61/74	01.86- 01.89	111490	12	1.4
					01.86- 01.87	110232#	12	
	01.86- 01.87	110471	14	94				
	01.86- 01.87	110233	14	63				
	01.86- 01.87	110505	14	75				
	01.86- 01.87	110508	14	78				
Cherokee 2.5 SE	01.94- 01.97	113063	14	90	01.94- 01.97	111490	12	1.4
					01.94- 01.97	112301	12	1.2
Cherokee 2.8	01.84- 01.86	110505	14	75	01.84- 01.86	111034	12	1.2
	01.84- 01.86	110508	14	78				
	01.84- 01.86	110471	14	94				
Cherokee 2.8 Chief	01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
Cherokee 2.8 Laredo	01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
Cherokee 2.8 Pioneer	01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
Cherokee 4.0	01.91- 12.98	113063	14	90	01.87- 01.98	111349	12	1.2
	01.98- 01.98	113068#	14	120				
	01.87- 01.90	112855#	14	61				
	01.87- 01.90	110986	14	100/105				
	01.00- 01.00	113358	14	117				
Cherokee 4.0 Briarwood	01.91- 01.92	113063	14	90	01.91- 01.92	111349	12	1.2
Cherokee 4.0 Chief	01.87- 01.88	112855#	14	61	01.87- 01.88	111349	12	1.2
	01.87- 01.88	110986	14	100/105				
Cherokee 4.0 Country	01.93- 01.97	113063	14	90	01.93- 01.97	111349	12	1.2
	01.97- 12.98	113068#	14	120				
Cherokee 4.0 Laredo	01.91- 01.92	113063	14	90	01.87- 01.92	111349	12	1.2
	01.87- 01.90	112855#	14	61				
	01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Limited	01.91- 01.92	113063	14	90	01.87- 01.92	111349	12	1.2
	01.87- 01.90	112855#	14	61				
	01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Pioneer	01.87- 01.90	112855#	14	61	01.87- 01.90	111349	12	1.2
	01.87- 01.90	110986	14	100/105				
Cherokee 4.0 SE	01.94- 01.97	113063	14	90	01.94- 01.97	111349	12	1.2
Cherokee 4.0 Sport	01.91- 01.97	113063	14	90	01.90- 01.97	111349	12	1.2
	01.97- 01.97	113068#	14	120				
	01.90- 01.90	112855#	14	61				
	01.90- 01.90	110986	14	100/105				
Cherokee 4.2	01.80- 01.82	110502	14	100/105	01.77- 01.80	110231	12	
	01.77- 01.83	110505	14	75	01.74- 01.76	110509	12	1.4
	01.81- 01.83	110235	14	80				
	01.74- 01.76	110408	14	35				
Cherokee 4.2 S	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 5.9	01.81- 01.83	110505	14	75	01.77- 01.80	110231	12	
	01.81- 01.83	110235	14	80	01.74- 01.76	110509	12	1.4
	01.77- 01.80	110237	14	60				
	01.74- 01.76	110408	14	35				
Cherokee 5.9 S	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 6.6	01.77- 01.78	110237	14	60	01.77- 01.78	110231	12	
	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 6.6 S	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
CJ3 3.7	01.66- 01.66	110215#	14	90	01.66- 01.66	110217		
	01.66- 01.66	110075	14	60				
CJ5 2.2	01.68- 01.71	110075	14	60				
	01.68- 01.71	110215#	14	90				
CJ5 2.5	01.80- 01.83	110505	14	75	01.83- 01.83	110232#	12	
					01.80- 01.83	110414	12	
	01.66- 01.71	110215#	14	90	01.66- 01.71	110217		
CJ5 3.7	01.66- 01.71	110215#	14	90				
	01.66- 01.71	110075	14	60				
CJ5 3.8	01.77- 01.78	110505	14	75	01.77- 01.78	110231	12	
	01.72- 01.76	110408	14	35	01.72- 01.76	110509	12	1.4
CJ5 4.2	01.80- 01.82	110502	14	100/105	01.77- 01.80	110231	12	
	01.77- 01.83	110505	14	75	01.72- 01.76	110509	12	1.4
	01.81- 01.83	110235	14	80				
	01.72- 01.76	110408	14	35				
CJ5 5.0	01.81- 01.81	110505	14	75	01.77- 01.80	110231	12	
	01.77- 01.80	110237	14	60	01.72- 01.76	110509	12	1.4
	01.72- 01.76	110408	14	35				
CJ6 2.2	01.68- 01.71	110075	14	60				
	01.68- 01.71	110215#	14	90				
CJ6 3.7	01.66- 01.71	110215#	14	90	01.66- 01.71	110217		
	01.66- 01.71	110075	14	60				
CJ6 3.8	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
CJ6 4.2	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
CJ6 5.0	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
CJ7 2.5	01.80- 01.86	110505	14	75	01.83- 01.86	110232#	12	
	01.83- 01.86	110471	14	94	01.80- 01.83	110414	12	
	01.83- 01.86	110508	14	78				
CJ7 3.8	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
CJ7 4.2	01.80- 01.82	110502	14	100/105	01.79- 01.80	110231	12	
	01.76- 01.86	110505	14	75	01.76- 01.78	110509	12	1.4
	01.81- 01.86	110235	14	80				
CJ7 5.0	01.78- 01.81	110505	14	75	01.78- 01.81	110231	12	
	01.76- 01.77	110237	14	60	01.76- 01.77	110509	12	1.4
Comanche 2.1 Turbo					01.87- 01.87	111114	12	3.1
Comanche 2.1 Turbo Custom					01.86- 01.86	111114	12	3.1
Comanche 2.1 Turbo Laredo					01.87- 01.87	111114	12	3.1
Comanche 2.1 Turbo Pioneer					01.87- 01.87	111114	12	3.1
Comanche 2.1 Turbo X					01.86- 01.86	111114	12	3.1
Comanche 2.1 Turbo XLS					01.86- 01.86	111114	12	3.1
Comanche 2.5	01.87- 01.90	110724	14	61/74	01.87- 01.92	111490	12	1.4
					01.87- 01.87	110232#	12	
Comanche 2.5 Chief	01.91- 12.97	113063	14	90	01.87- 01.87	110232#	12	
	01.87- 01.88	110724	14	61/74	01.87- 01.88	111490	12	1.4
Comanche 2.5 Custom	01.86- 01.86	110471	14	94	01.86- 01.86	110232#	12	
	01.86- 01.86	110233	14	63	01.86- 01.86	111490	12	1.4
	01.83- 01.86	110508	14	78				
	01.86- 01.86	110505	14	75				
Comanche 2.5 Laredo	01.87- 01.88	110724	14	61/74	01.87- 01.87	110232#	12	
					01.87- 01.88	111490	12	1.4
Comanche 2.5 Pioneer	01.91- 01.91	113063	14	90	01.87- 01.91	111490	12	1.4
					01.87- 01.87	110232#	12	
Comanche 2.5 X	01.87- 01.90	110724	14	61/74				
	01.86- 01.86	110508	14	78	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110471	14	94				
	01.86- 01.86	110233	14	63				
	01.86- 01.86	110505	14	75				
Comanche 2.5 XLS	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110233	14	63				
	01.86- 01.86	110505	14	75				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Comanche 2.8 Custom	01.86- 01.86	110508	14	78				01.86- 01.86	111034	12	1.2
	01.86- 01.86	110471	14	94							
Comanche 2.8 X	01.86- 01.86	110508	14	78				01.86- 01.86	111034	12	1.2
	01.86- 01.86	110471	14	94							
Comanche 2.8 XLS	01.86- 01.86	110508	14	78				01.86- 01.86	111034	12	1.2
	01.86- 01.86	110471	14	94							
Comanche 4.0	01.87- 01.90	112855#	14	61				01.87- 01.92	111349	12	1.2
	01.87- 01.90	110986	14	100/105							
	01.91- 01.92	113063	14	90							
Comanche 4.0 Chief	01.87- 01.88	110986	14	100/105				01.87- 01.88	111349	12	1.2
	01.87- 01.88	112855#	14	61							
Comanche 4.0 Eliminator	01.91- 01.92	113063	14	90				01.88- 01.92	111349	12	1.2
	01.88- 01.90	110986	14	100/105							
	01.88- 01.90	112855#	14	61							
Comanche 4.0 Laredo	01.87- 01.88	112855#	14	61				01.87- 01.88	111349	12	1.2
	01.87- 01.88	110986	14	100/105							
Comanche 4.0 Pioneer	01.91- 01.92	113063	14	90				01.87- 01.92	111349	12	1.2
	01.87- 01.90	112855#	14	61							
	01.87- 01.90	110986	14	100/105							
Commando 3.7	01.66- 01.67	110215#	14	90							
	01.66- 01.67	110075	14	60							
Dispatcher 3.7	01.66- 01.67	110215#	14	90							
	01.66- 01.67	110075	14	60							
DJS 2.2	01.68- 01.71	110215#	14	90							
	01.68- 01.71	110075	14	60							
DJS 3.7	01.66- 01.70	110215#	14	90				01.68- 01.70	110217		
	01.66- 01.70	110075	14	60							
DJS 3.8	01.72- 01.74	110408	14	35				01.72- 01.74	110509	12	1.4
DJS 4.2	01.73- 01.74	110408	14	35				01.73- 01.74	110509	12	1.4
DJ6 3.7	01.66- 01.68	110215#	14	90				01.68- 01.68	110217		
	01.66- 01.68	110075	14	60							
FC150 3.7	01.66- 01.66	110215#	14	90							
	01.66- 01.66	110075	14	60							
FC170 3.7	01.66- 01.66	110215#	14	90							
	01.66- 01.66	110075	14	60							
Gladiator 5.4								01.65- 01.67	110217		
Grand Cherokee 4.0	01.93- 01.93	113063	14	90				01.93- 01.93	111349	12	1.2
	01.93- 01.98	113063	14	90				01.93- 01.98	111349	12	1.2
Grand Cherokee 4.0 Laredo	01.97- 01.98	113068#	14	120							
	01.93- 01.98	113063	14	90				01.93- 01.98	111349	12	1.2
Grand Cherokee 4.0 Limited	01.98- 01.98	113068#	14	120							
	01.93- 01.98	113063	14	90				01.93- 01.98	111349	12	1.2
Grand Cherokee 4.0 Orvis	01.95- 01.97	113063	14	90				01.95- 01.97	111349	12	1.2
	01.94- 01.95	113063	14	90				01.94- 01.95	111349	12	1.2
Grand Cherokee 4.0 SE	01.02-	113607	14	136							
Grand Cherokee 4.7	01.00- 01.00	113559	14	136				01.00- 01.00	113618	12	1.6
	01.01- 01.03	113607	14	136							
Grand Cherokee 4.7 Laredo	01.01- 01.03	113607	14	136				01.00- 01.00	113618	12	1.6
	01.00- 01.00	113559	14	136							
Grand Cherokee 4.7 Overland	01.02- 01.03	113607	14	136							
Grand Cherokee 4.7 Special Edition	01.04-	113607	14	136							
Grand Cherokee 5.2	01.93- 01.93	112833	14	90				01.93- 01.93	113044	12	1.4
	01.93- 01.98	112833	14	90				01.93- 01.98	113044	12	1.4
Grand Cherokee 5.2 Laredo	01.98- 01.98	113071	14	136							
	01.93- 01.98	112833	14	90				01.93- 01.98	113044	12	1.4
Grand Cherokee 5.2 Limited	01.98- 01.98	113071	14	136							
	01.95- 01.97	112833	14	90				01.95- 01.97	113044	12	1.4
Grand Cherokee 5.2 Orvis	01.95- 12.97	113071	14	136							
	01.94- 01.95	112833	14	90				01.94- 01.95	113044	12	1.4
Grand Cherokee 5.2 SE	01.98- 01.98	112833	14	90				01.98- 01.98	113044	12	1.4
Grand Cherokee 5.2 TSI	01.98- 01.98	113071	14	136							
	01.05- 01.06	113804	14	160							
Grand Cherokee 5.7 Limited	01.98- 12.98	113071	14	136				01.98- 01.98	113044	12	1.4
Grand Cherokee 5.9 Limited	01.84- 01.86	110233	14	63							
	01.84- 12.89	110471	14	94							
Grand Wagoneer 4.2	01.84- 12.90	110508	14	78							
	01.84- 01.86	110505	14	75							
	01.93- 01.93	112833	14	90							
Grand Wagoneer 5.2	01.84- 01.91	110471	14	94				01.89- 01.91	111349	12	1.2
	01.84- 01.91	110508	14	78							
Grand Wagoneer 5.9	01.84- 01.91	110235	14	80							
	01.82- 01.87	110235	14	80				01.74- 01.76	110509	12	1.4
	01.77- 01.87	110505	14	75				01.77- 01.81	110231	12	
J10 4.2	01.74- 01.76	110408	14	35							
	01.82- 01.88	110505	14	75				01.74- 01.76	110509	12	1.4
J10 5.9	01.82- 01.88	110235	14	80				01.88- 01.88	111349	12	1.2
	01.88- 01.88	110508	14	78				01.77- 01.81	110231	12	
	01.88- 01.88	110471	14	94							
	01.77- 01.81	110237	14	60							
	01.74- 01.76	110408	14	35							
J10 6.6	01.77- 01.78	110237	14	60				01.77- 01.78	110231	12	
	01.74- 01.76	110408	14	35				01.74- 01.76	110509	12	1.4
J-100 3.8								01.68- 01.71	110509	12	1.4
J-100 5.4								01.68- 01.68	110217		
J-100 5.7								01.69- 01.71	110217		
J20 4.2	01.74- 01.76	110408	14	35				01.74- 01.76	110509	12	1.4
J20 5.9	01.82- 01.88	110505	14	75				01.88- 01.88	111349	12	1.2
	01.82- 01.88	110235	14	80				01.77- 01.81	110231	12	
	01.88- 01.88	110508	14	78				01.74- 01.76	110509	12	1.4
	01.88- 01.88	110471	14	94							
	01.77- 01.81	110237	14	60							
J20 6.6	01.74- 01.76	110408	14	35							
	01.77- 01.78	110237	14	60				01.77- 01.78	110231	12	
J-2500 3.8								01.74- 01.76	110509	12	1.4
J-2500 4.2	01.72- 01.73	110408	14	35				01.68- 01.71	110509	12	1.4
J-2500 5.0	01.72- 01.72	110408	14	35				01.72- 01.72	110509	12	1.4
J-2500 5.4								01.68- 01.68	110217		
J-2500 5.7								01.69- 01.71	110217		
J-2500 5.9	01.72- 01.73	110408	14	35				01.72- 01.73	110509	12	1.4
J-2600 3.8								01.68- 01.70	110509	12	1.4
J-2600 4.2	01.72- 01.73	110408	14	35				01.72- 01.73	110509	12	1.4
J-2600 5.0	01.72- 01.72	110408	14	35				01.72- 01.72	110509	12	1.4
J-2600 5.4								01.68- 01.68	110217		
J-2600 5.7								01.69- 01.70	110217		
J-2600 5.9	01.72- 01.73	110408	14	35				01.72- 01.73	110509	12	1.4
J-2700 3.8								01.68- 01.69	110509	12	1.4
J-2700 5.4								01.68- 01.68	110217		
J-2700 5.7								01.69- 01.70	110217		
J-2800 5.4								01.68- 01.68	110217		
J-3500 3.8								01.68- 01.70	110509	12	1.4
J-3500 5.4								01.68- 01.68	110217		
J-3500 5.7								01.69- 01.70	110217		
J-3600 3.8								01.68- 01.70	110509	12	1.4

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

Jeep Continued

J-3600 5.4						01.68- 01.68	110217			
J-3600 5.7						01.69- 01.70	110217			
J-3700 3.8						01.68- 01.70	110509	12	1.4	
J-3700 5.4						01.68- 01.68	110217			
J-3700 5.7						01.69- 01.70	110217			
J-3800 3.8						01.68- 01.68	110509	12	1.4	
J-3800 5.4						01.68- 01.68	110217			
J-3800 5.7						01.69- 01.70	110217			
Jeepster 2.2		01.67- 01.69	110215#	14	90					
		01.67- 01.69	110075	14	60					
Jeepster 2.2 Commando		01.68- 01.71	110215#	14	90					
		01.68- 01.71	110075	14	60					
Jeepster 3.7		01.66- 01.69	110215#	14	90	01.66- 01.69	110217			
		01.66- 01.69	110075	14	60					
Jeepster 3.7 Commando		01.68- 01.71	110075	14	60	01.68- 01.71	110217			
		01.68- 01.71	110215#	14	90					
Jeepster 3.8 Commando		01.72- 01.73	110408	14	35	01.72- 01.73	110509	12	1.4	
Jeepster 4.2 Commando		01.72- 01.73	110408	14	35	01.72- 01.73	110509	12	1.4	
Jeepster 5.0 Commando		01.72- 01.73	110408	14	35	01.72- 01.73	110509	12	1.4	
Liberty 2.4		01.02- 01.02	113607	14	136	01.02- 01.03	113642	12	1.6	
						01.04- 01.04	113820	12	1.2	
Liberty 2.4 Sport						01.03-	113642	12	1.6	
						01.04- 01.05	113820	12	1.2	
Liberty 2.8 CRD 4x4	[ENR]					08.05-	12.07	114279	12	2.2
Liberty 3.7 Limited		01.02- 01.03	113607	14	136					
Liberty 3.7 Renegade		01.03- 01.03	113607	14	136					
Liberty 3.7 Sport		01.02- 01.03	113607	14	136					
Scrambler 2.5		01.83- 01.85	110508	14	78	01.83- 01.85	110232#	12		
		01.81- 01.85	110505	14	75	01.81- 01.83	110414	12		
		01.83- 01.85	110471	14	94					
Scrambler 4.2		01.81- 01.85	110505	14	75					
		01.81- 01.82	110502	14	100/105					
		01.81- 01.85	110235	14	80					
Universal 3.7		01.66- 01.67	110215#	14	90					
		01.66- 01.67	110075	14	60					
Wagoneer 2.1 Turbo						01.85- 01.85	111114	12	3.1	
Wagoneer 2.5		01.84- 01.90	110471	14	94	01.86- 01.93	111490	12	1.4	
		01.84- 01.87	110233	14	63	01.84- 01.87	110232#	12		
		01.83- 01.90	110508	14	78					
		01.84- 01.87	110505	14	75					
		01.91- 12.97	113063	14	90					
Wagoneer 2.5 Islander		01.91- 01.91	113063	14	90	01.89- 01.91	111490	12	1.4	
		01.89- 01.90	110508	14	78					
		01.89- 01.90	110471	14	94					
Wagoneer 2.5 Laredo		01.87- 01.88	110508	14	78	01.87- 01.87	110232#	12		
		01.87- 01.88	110471	14	94	01.87- 01.88	111490	12	1.4	
Wagoneer 2.5 Limited		01.86- 01.87	110471	14	94	01.86- 01.87	110232#	12		
		01.86- 01.87	110508	14	78	01.86- 01.87	111490	12	1.4	
		01.86- 01.87	110233	14	63					
		01.86- 01.87	110505	14	75					
Wagoneer 2.5 Rto Grande		01.95- 01.95	113063	14	90	01.95- 01.95	112301	12	1.2	
Wagoneer 2.5 S		01.91- 01.94	113063	14	90	01.88- 01.94	111490	12	1.4	
		01.88- 01.88	110471	14	94					
		01.88- 01.88	110508	14	78					
Wagoneer 2.5 Sahara		01.91- 01.91	113063	14	90	01.88- 01.91	111490	12	1.4	
		01.88- 01.90	110471	14	94					
		01.88- 01.90	110508	14	78					
Wagoneer 2.5 SE		01.94- 01.97	113063	14	90	01.94- 01.97	112301	12	1.2	
						01.94- 01.97	111490	12	1.4	
Wagoneer 2.5 Sport						01.87- 01.87	110232#	12		
		01.87- 01.88	110508	14	78	01.87- 01.88	111490	12	1.4	
		01.87- 01.88	110471	14	94					
Wagoneer 2.8		01.84- 01.86	110505	14	75					
		01.84- 01.86	110508	14	78					
		01.84- 01.86	110471	14	94					
Wagoneer 2.8 Limited		01.86- 01.86	110508	14	78					
		01.86- 01.86	110471	14	94					
		01.86- 01.86	110505	14	75					
Wagoneer 4.0		01.91- 01.93	113063	14	90	01.87- 01.93	111349	12	1.2	
		01.87- 12.89	112855#	14	61					
		01.87- 01.90	110986	14	100/105					
Wagoneer 4.0 Islander		01.91- 01.92	113063	14	90	01.91- 01.92	111349	12	1.2	
Wagoneer 4.0 Limited		01.87- 01.90	112855#	14	61	01.87- 01.90	111349	12	1.2	
		01.87- 01.90	110986	14	100/105					
Wagoneer 4.0 Renegade		01.91- 01.94	113063	14	90	01.91- 01.94	111349	12	1.2	
Wagoneer 4.0 S		01.92- 01.92	113063	14	90	01.92- 01.92	111349	12	1.2	
Wagoneer 4.0 Sahara		01.91- 01.97	113063	14	90	01.91- 01.97	111349	12	1.2	
Wagoneer 4.0 SE		01.94- 01.95	113063	14	90	01.94- 01.95	111349	12	1.2	
Wagoneer 4.0 Sport		01.97- 01.97	113063	14	90	01.97- 01.97	111349	12	1.2	
Wagoneer 4.2		01.80- 01.82	110502	14	100/105	01.88- 01.90	111349	12	1.2	
		01.80- 01.90	110505	14	75	01.80- 01.80	110231	12		
		01.81- 01.83	110235	14	80	01.72- 01.73	110509	12	1.4	
		01.72- 01.73	110408	14	35					
		01.87- 01.90	110508	14	78					
		01.87- 01.90	110471	14	94					
		01.87- 01.90	110233	14	63					
Wagoneer 4.2 Custom		01.73- 01.73	110408	14	35	01.73- 01.73	110509	12	1.4	
Wagoneer 4.2 Islander		01.88- 01.90	110471	14	94	01.88- 01.90	111349	12	1.2	
		01.88- 01.90	110508	14	78					
		01.88- 01.90	110233	14	63					
		01.88- 01.90	110505	14	75					
Wagoneer 4.2 Laredo		01.87- 01.90	110233	14	63	01.88- 01.90	111349	12	1.2	
		01.87- 01.90	110508	14	78					
		01.87- 01.90	110471	14	94					
		01.87- 01.90	110505	14	75					
Wagoneer 4.2 S		01.88- 01.88	110508	14	78	01.88- 01.88	111349	12	1.2	
		01.88- 01.88	110471	14	94					
		01.88- 01.88	110233	14	63					
		01.88- 01.88	110505	14	75					
Wagoneer 4.2 Sahara		01.88- 01.90	110233	14	63	01.88- 01.90	111349	12	1.2	
		01.88- 01.90	110508	14	78					
		01.88- 01.90	110471	14	94					
		01.88- 01.90	110505	14	75					
Wagoneer 4.2 Sport						01.87- 01.88	110233	14	63	
						01.87- 01.88	110508	14	78	
						01.87- 01.88	110471	14	94	
						01.87- 01.88	110505	14	75	
Wagoneer 5.4						01.65- 01.67	110217			
Wagoneer 5.9		01.81- 01.83	110505	14	75	01.77- 01.80	110231	12		
		01.81- 01.83	110235	14	80	01.72- 01.76	110509	12	1.4	
		01.77- 01.80	110237	14	60					
		01.72- 01.76	110408	14	35					
Wagoneer 5.9 Custom		01.73- 01.76	110408	14	35	01.73- 01.76	110509	12	1.4	



Wagoneer 6.6		01.77- 01.78	110237	14	60		01.77- 01.78	110231	12	
		01.74- 01.76	110408	14	35		01.74- 01.76	110509	12	1.4
Wagoneer 6.6 Custom		01.74- 01.76	110408	14	35		01.74- 01.76	110509	12	1.4
Wrangler 2.4 SE							01.04- 01.06	113820	12	1.2
							01.03- 01.03	113642	12	1.6
Wrangler 2.5		01.99- 01.00	113358	14	117		01.01- 01.01	113047#	12	1.4
		01.98- 01.98	113063	14	90		01.98- 01.98	112301	12	1.2
Wrangler 2.5 SE							01.02- 01.02	113047#	12	1.4
Wrangler 4.0							01.98- 01.98	111349	12	1.2
Wrangler 4.2		01.98- 01.98	113063	14	90					
		01.89- 01.89	110508	14	78		01.89- 01.89	111349	12	1.2
		01.89- 01.89	110233	14	63					
		01.89- 01.89	110471	14	94					
		01.89- 01.89	110505	14	75					
Wrangler 4.2 Islander		01.89- 01.89	110233	14	63		01.89- 01.89	111349	12	1.2
		01.89- 01.89	110471	14	94					
		01.89- 01.89	110508	14	78					
		01.89- 01.89	110505	14	75					
Wrangler 4.2 Laredo		01.89- 01.89	110233	14	63		01.89- 01.89	111349	12	1.2
		01.89- 01.89	110471	14	94					
		01.89- 01.89	110508	14	78					
		01.89- 01.89	110505	14	75					
Wrangler 4.2 Sahara		01.89- 01.89	110508	14	78		01.89- 01.89	111349	12	1.2
		01.89- 01.89	110471	14	94					
		01.89- 01.89	110233	14	63					
		01.89- 01.89	110505	14	75					
<b>PASSENGER CARS AO</b>										
Cherokee 2.5 TDI 4x4		10.96- 09.01	114243	14	130					
Cherokee 3.7 Laredo		10.01- 09.04	113607	14	136		10.01- 09.04	113642	12	1.6
Cherokee 4.0		10.86- 09.90	112855#	14	61					
		10.86- 09.90	110986	14	100/105					
Grand Cherokee 4.0 Laredo		10.96- 09.98	113068#	14	120					
<b>Jenbacher Werke</b>										
<b>MISC.</b>										
Various Models							01.92-	112555	12	3.1
							08.83-	112039	12	2.7
<b>Jensen</b>										
<b>PASSENGER CARS US</b>										
Healy 2.0		01.72-	110178	14	36					
<b>John Deere</b>										
<b>AGRICULTURE</b>										
110	[Kohler]						01.68- 01.74	111702#	12	0.5
200	[Kohler]						01.75- 01.75	111702#	12	0.5
208	[Kohler]						01.77- 01.78	111702#	12	0.5
316	[Onan]						01.84- 01.92	113015	12	
317	[Onan P218G]						01.79- 01.82	113016	12	
318	[Onan]						01.84- 01.92	113015	12	
420	[Onan]						01.83- 01.91	113015	12	
482 Cotton Pickers							01.80- 01.83	111221	12	2.5
484 Cotton Pickers							01.80- 01.83	111221	12	2.5
985 7.6							03.87- 03.02	111224	12	4.0
1032 4.0		10.83- 06.89	110105	14	55		10.92- 10.98	111755	12	3.0
1042 4.0		10.83- 06.89	110105	14	55		10.92- 10.98	111755	12	3.0
1052 4.0		10.83- 06.89	110105	14	55		10.92- 10.98	111755	12	3.0
1055 5.9							10.92- 10.98	111755	12	3.0
		10.83- 06.89	110105	14	55					
		03.94-	111215	14	120					
		03.94-	113632	14	85					
		03.94-	113531	14	120					
1068 5.9		03.94-	111215	14	120		01.92- 10.96	111755	12	3.0
		03.94-	113632	14	85					
		03.94-	113531	14	120					
		03.94-	111215	14	120					
		03.94-	113632	14	85					
1072 5.9										
		03.94-	113531	14	120					
		03.94-	111215	14	120					
		03.94-	113632	14	85					
		03.94-	113531	14	120					
		03.94-	111215	14	120		10.81- 12.96	111755	12	3.0
		03.94-	113632	14	85					
		03.94-	113531	14	120					
		03.94-	111215	14	120					
		03.94-	113632	14	85					
1085 7.6							02.82- 02.97	111755	12	3.0
		03.94-	113531	14	120					
		03.94-	111215	14	120					
		03.94-	113632	14	85					
		03.94-	113531	14	120					
1200	[Kawasaki]							113734	12	0.6
1445 Diesel Mower	[Yanmar]							114400	12	1.0
1545 Diesel Mower	[Yanmar]							114400	12	1.0
2254							01.85- 01.92	111755	12	3.0
2256							01.85- 01.92	111755	12	3.0
2264							01.85- 01.92	111755	12	3.0
2266							01.85- 01.92	111755	12	3.0
2450							01.85- 01.92	111755	12	3.0
2630							01.74- 01.75	111221	12	2.5
2640							01.76- 01.82	111221	12	2.5
2650							01.85- 01.92	111755	12	3.0
2850							01.85- 01.92	111755	12	3.0
3120			113742	14	40					
3320			113742	14	40					
3520			113742	14	40					
3650							01.85- 01.92	111755	12	3.0
4055 7.6	[6076 TRW-06]	01.89- 06.92	111215	14	120					
4120	[4024T]							113900	12	2.5
4200			113742	14	40					
4210			113742	14	40					
4255 7.6	[6076 TRW...]	01.89- 06.92	111215	14	120					
4300			113742	14	40					
4310			113742	14	40					
4320	[4024T]							113900	12	2.5
4400			113742	14	40					
4410			113742	14	40					
4450 7.6		05.83- 12.88	110445	14	90		05.83- 12.88	111224	12	4.0
4455	[6076 TRW...]	01.89- 06.92	110445	14	90		01.89- 06.92	111224	12	4.0
4500			113742	14	40					
4510			113742	14	40					
4520	[4024T]							113900	12	2.5
4600			113742	14	40					
4610			113742	14	40					
4700			113742	14	40					
4710			113742	14	40					
4720	[4024T]							113900	12	2.5
4755 7.6	[6076 TRW...]	01.89- 05.94	111215	14	120					
4955 7.6	[6076 A]	09.89- 01.92	111215	14	120					
5210								113478	12	2.8
5225								113900	12	2.5
5310								113478	12	2.8
5325								113900	12	2.5
5410								113478	12	2.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**JOHN DEERE** *Continued*

6020		01.94-	112529	14	90				
6100 4.5			113632	14	85			113011	12 2.8
6110 4.5		01.97-	112062	14	115				
6120 4.5		01.94-	112529	14	90				
		01.94-	113949	14	150				
6200 3.9			113632	14	85				
6205						01.94-	112442	12	3.0
6220 3.9		01.94-	112529	14	90				
		01.94-	113949	14	150				
6320 3.9			112062	14	115			01.94-	113478 12 2.8
		01.94-	112529	14	90				
		01.94-	113949	14	150				
6420 4.5			112062	14	115				
		01.94-	112529	14	90				
		01.94-	113949	14	150				
6505						01.94-	112442	12	3.0
6506							112442	12	3.0
6510						01.94-	112442	12	3.0
6520		01.94-	113949	14	150	01.94-	112442	12	3.0
		01.94-	112529	14	90				
6610						01.94-	112442	12	3.0
6620		01.94-	112529	14	90	01.94-	112442	12	3.0
			112062	14	115				
		01.94-	113949	14	150				
6810 10.0						08.91-	112442	12	3.0
6820		01.94-	112529	14	90			01.94-	112442 12 3.0
6910		01.97-	112062	14	115	01.94-	112442	12	3.0
6920		01.94-	112529	14	90	01.94-	112442	12	3.0
			112062	14	115				
		01.94-	113949	14	150				
7430		09.06-	113707	14	200				
7530		09.06-	113707	14	200				
7710		01.96-	111830	14	140				
7800 7.6		09.92- 01.96	111830	14	140				
7810		01.96-	111830	14	140				
8120 7.6	[6076 HRW35]	01.01-	113899	14	150				
		08.94-	111830	14	140				
8120 8.1	[6081 HRW06]	03.96-	111830	14	140				
8220 7.6	[6076 HRW35]	01.01-	113899	14	150				
		08.94-	111830	14	140				
8320		01.01-	113899	14	150				
8420		01.01-	113899	14	150				
8520		01.01-	113899	14	150				
9630			114211	14	200				
9910 Cotton Pickers						01.79- 01.83	111221	12	2.5
9920 Cotton Pickers						01.83- 01.83	111221	12	2.5
100F 3.0 Diesel Orchard	[VM Motori]						114055	12	2.3
6420 S 4.5			112062	14	115				
		01.94-	112529	14	90				
		01.94-	113949	14	150				
76F 2.7 Diesel Orchard	[VM Motori]						114055	12	2.3
85F 2.7 Diesel Orchard	[VM Motori]						114055	12	2.3
AMT 622						01.88- 01.90	113734	12	0.6
AMT 626						01.90- 01.92	113734	12	0.6
GT225	[Kohler]						112546	12	0.6
L105	[Briggs & Stratton]						113853	12	
LX173	[Kohler]					01.96- 01.96	112546	12	0.6
LX255	[Kohler]						112546	12	0.6
STX30	[Kohler]					01.89- 01.93	112546	12	0.6
STX38	[Kohler]					01.89- 01.93	112546	12	0.6
Various Models			113975	14	150		110552	12	1.2
		03.71- 03.88	111649	14	33		113983	12	3.0
		01.88- 01.95	111713	14	105		114197	12	1.1
			111215	14	120		114195	12	3.0
		01.81- 01.97	113632	14	85		114459	12	4.8
		01.98-	112160	28	75		111254	24	4.5
		01.94- 01.98	113401	14	40		112246	12	0.6
		01.92- 01.98	113531	14	120	01.79- 01.82	112568	12	
		01.99- 01.03	113543	14	55		113007	24	4.0
		01.98-	111647	28	60		113011	12	2.8
		01.88- 01.95	112996	14	115/130		110412	12	2.2
		01.99- 01.03	113542	14	55	09.67- 10.86	111755	12	3.0
		09.79- 10.86	110105	14	55		113736	12	4.8
			114211	14	200		113853	12	
			114263	14	50		111087	12	1.0
			114379	14	150		110510	12	0.5
			114518	14	55		113539	12	
							113596	12	0.6
							113597	12	0.6
							113663	12	0.7
						01.89- 01.96	113017	12	
						01.66- 01.83	112564	12	
							113490#	12	
Various Models	[Kawasaki]						113734	12	0.6
							114486	12	
							114401	12	1.2
<b>INDUSTRY</b>									
317 Skid Steer Loaders	[4024T]						113900	12	2.5
320 Skid Steer Loaders	[4024T]						113900	12	2.5
325 Skid Steer Loaders	[5030T]						113900	12	2.5
328 Skid Steer Loaders	[5030T]						113900	12	2.5
332 Skid Steer Loaders	[5030T]						113900	12	2.5
540			113999	14	150 IS				
		01.93-	112996	14	115/130				
			112773	14	135				
544			113999	14	150 IS				
		01.88- 01.95	112996	14	115/130				
			112773	14	135				
548		01.93-	112996	14	115/130				
			112773	14	135				
			113999	14	150 IS				
640			112773	14	135				
		01.93-	112996	14	115/130				
			113999	14	150 IS				
648			112773	14	135				
		01.93-	112996	14	115/130				
			113999	14	150 IS				
740		01.93-	112996	14	115/130				
			113999	14	150 IS				
			112773	14	135				
748			112773	14	135				
		01.93-	112996	14	115/130				
			113999	14	150 IS				
8875 TD Loaders						01.95- 01.98	113011	12	2.8
135C	[Isuzu]						111254	24	4.5
225C	[6BG1T]						114267	24	4.5
244J Loaders	[4024T]						113900	12	2.5
304J Loaders	[4024T]						113900	12	2.5





**KENWORTH** *Continued*

		01.95- 01.03	112824	14	145				
		01.00- 01.07	113579	14	145				
		01.95- 01.95	112264	14	105				
		01.91- 01.94	112996	14	115/130				
		01.91- 12.93	113432	14	145/160				
		01.96- 01.03	113001	14	110				
K100		01.91- 12.94	112996	14	115/130				
T2000		01.96- 01.04	113001	14	110	Cummins ISX 01.97- 01.07	113916	12	
		01.97- 01.03	112824	14	145				
		01.01- 01.07	113579	14	145				
		01.97- 01.03	113004#	14	135				
T300		01.96- 01.03	112824	14	145	Caterpillar 3126 01.94- 01.04	113126	12	
		01.03- 01.07	113579	14	145				
		01.94- 01.95	112264	14	105				
		12.95	112996	14	115/130				
T400		01.91- 12.94	112996	14	115/130				
T450		01.91- 12.94	112996	14	115/130				
T600		01.96- 01.05	112998	14	85	Cummins ISM, ISX 01.97- 01.07	113916	12	
		01.96- 01.05	113001	14	110				
		01.99- 01.03	113002	14	135				
		01.96- 01.03	113004#	14	135				
		01.96- 01.05	112824	14	145				
		01.01- 01.07	113579	14	145				
		01.86- 01.92	112262	14	90				
		01.86- 01.95	112264	14	105				
		01.91- 01.93	112995	14	145/160				
		01.91- 01.94	112996	14	115/130				
		01.91- 12.93	113432	14	145/160				
T800		01.91- 12.94	112996	14	115/130	Caterpillar C10 - C16 01.97- 01.07	113916	12	
Various Models 11.9 ISX	[Cummins]						114148	12	7.2
Various Models 8.3	[Cummins]						114132	12	
W900		01.00- 01.07	113579	14	145	01.84- 01.85	112089	12	
		01.73- 01.90	112262	14	90	Caterpillar C10 - C16 01.97- 01.07	113916	12	
		01.86- 01.95	112264	14	105				
		01.91- 01.93	112995	14	145/160				
		01.91- 01.94	112996	14	115/130				
		01.91- 12.93	113432	14	145/160				
		01.96- 01.05	113001	14	110				
		01.96- 01.04	112824	14	145				
		01.99- 01.03	113002	14	135				
		01.96- 01.03	113004#	14	135				
<b>KHD</b>									
<b>TRUCKS EU</b>									
Various Models		01.71- 12.74	110766	28	27	01.64- 01.64	110531	24	6.6
			114365	28	140	07.73- 12.75	112651	24	4.8
						01.63- 12.75	112039	12	2.7
						10.98-	110536	12	2.7
						06.71-	112534	12	2.0
						01.73- 12.75	113464	24	4.0
<b>AGRICULTURE</b>									
DX250 9.6	[01.82]						114437	24	5.4
<b>INDUSTRY</b>									
Various Models			114289	14	45		114320	12	3.0
			114110	28	80		110523	24	4.8
		01.89-	112183	14	60				
			114365	28	140				
<b>MOTORS</b>									
Engine 0.4	[F1L208]						113981	12	1.5
Engine 0.6 Diesel	[F1L410]					01.67- 06.73	111004	12	2.4
Engine 0.7	[F1L210]					01.63- 12.75	111759#	12	1.5
Engine 0.9	[F2L208]						113981	12	1.5
Engine 1.3 Diesel	[F2L410]					01.67- 06.73	111004	12	2.4
Engine 1.4 Diesel	[F2L1011]					01.95-	111855	12	2.2
						06.89- 12.94	112041	12	2.2
						06.89-	113980	24	4.0
	[F2L411]					07.73- 12.75	111004	12	2.4
Engine 2.0 Diesel	[F3L1011]	06.89-	112183	14	60	06.89- 12.94	112041	12	2.2
						01.95-	111855	12	2.2
						06.89-	113980	24	4.0
Engine 2.7 Diesel	[BF4L1011]					01.95-	111855	12	2.2
						06.89- 12.94	112041	12	2.2
						06.89-	113980	24	4.0
	[F4L1011]	06.89-	112183	14	60	06.89- 12.94	112041	12	2.2
		06.89-	112548	14	60	06.89-	113980	24	4.0
						01.95-	111855	12	2.2
Engine 2.8 Diesel	[F3L912. ]					01.92-	112555	12	3.1
Engine 3.8 Diesel	[F4L912]					07.89-	110536	12	2.7
						01.92-	112555	12	3.1
Engine 4.7 Diesel	[F5L912.F]	10.89-	113470	28	35				
Engine 5.7 Diesel	[F6L912]	05.90-	113470	28	35	06.92- 12.91-	113464	24	4.0
							112555	12	3.1
Engine 6.1 Diesel	[F6L913]	01.87-	113470	28	35	06.92-	113464	24	4.0
Engine 8.0 Diesel	[F5L413FR]	08.89-	113470	28	35	04.82- 01.99	112651	24	4.8
Engine 9.6 Diesel	[BF6L513. ]	10.87-	112747	28	55	01.73-	112651	24	4.8
	[F6L413]	12.88-	113470	28	35	04.82- 01.99	112651	24	4.8
						04.82-	114437	24	5.4
						04.82-	114438	24	5.4
Engine	[BF4M2012C]		114464	28	55				
	[BF6M2012C]		114464	28	55				
	[FL1011F]		113991	14	80				
			114077	28	40				
<b>MISC.</b>									
Various Models	[F6L413]						113181	12	2.3
							114437	24	5.4
<b>Kia</b>									
<b>PASSENGER CARS EU</b>									
Besta 2.2 Diesel	[R2]	02.96-	110706	14	60	02.96-	110389	12	2.2
Carens 1.6	[S6D]					07.02-	110808	12	0.85
Carens 1.6 CVVT	[G4FC]	08.09-	114467	14	90				
Carens 1.8	[TB]	11.00- 07.02	113790#	14	90	11.00- 07.02	110808	12	0.85
	[TB]								
Carens 2.0	[G4GC]	08.04-	113657	14	90				
Carens 2.0 CRDI		07.02-	113328	14	120	07.02-	113329	12	2.0
Carens 2.0 CRDI 115	[D4EA]					05.07-	113329	12	2.0
Carnival 2.9 CRDI	[J3]	AC 10.01-	113331	14	110	10.01-	113327	12	2.2
Carnival 2.9 HPDI		AC 10.01-	113331	14	110	10.01-	113327	12	2.2
Carnival 2.9 TD	[J3]	01.01- 10.01	113213#	14	85	08.99-	113327	12	2.2
	[J3]	02.02-	113331	14	110				
		02.99-	112334	14	75				
Cee'd 1.4	[G4FA]	12.06-	114467	14	90				
		10.10-	114467	14	90				
Cee'd 1.4 CVVT	[G4FA-L]	06.10-	114467	14	90				
Cee'd 1.6	[G4FC]	12.06-	114467	14	90				
Cee'd 1.6 CVVT	[G4FC]	10.10-	114467	14	90				
Cee'd 1.6 CRDI	[D4FB]					12.06-	113797	12	1.7
	[D4FB-L]					12.06-	113797	12	1.7



Cerato 1.5 CRDI	[D4FA]					07.05-	113797	12 1.7
Cerato 1.6	[G4ED]	04.04-	113657	14 90		04.04-	113659	12 0.9
Cerato 1.6 CRDI	[D4FB]					06.05-	113797	12 1.7
Cerato 2.0	[G4GC]	04.04-	113657	14 90		04.04-	113307	12 1.2
						04.04-	111306	12 1.2
Cerato 2.0 CRDI	[D4EA]	04.04-	113328	14 120		04.04-	113329	12 2.0
Clarus 1.8 i 16V	[T8]					07.96-	110808	12 0.85
		07.96-	110803#	14 90		AT 07.96-	110810	12 1.4
Clarus 2.0 i 16V	[FE]					AT 07.96-	110810	12 1.4
		07.96-	110803#	14 90		07.96-	110808	12 0.85
		05.98-	111317	14 80				
Joice 2.0	[G4CP]	08.99- 09.01	110804	14 90		02.00-	113659	12 0.9
						A13 02.00-	110811	12 1.2
						02.00-	110315	12 0.9
						08.99- 09.01	111305	12 1.2
		09.01-	110804	14 90		09.01- 03.03	111305	12 1.2
						09.01-	113659	12 0.9
						09.01-	111380	
K2500 2.5 TCI	[D4BH]	01.03-	113330	14 75		A13 09.01-	111565	12 2.2
Magentis 2.0	[G4JP]	12.00- 05.03	112327	14 100		05.01-	113521	12 1.2
Magentis 2.5 V6	[G6BV]					05.01-	113753	12 0.9
						05.01-	113805	12 1.2
Opirus 3.5	[6GCU]	09.03-	113653#	14 120				
Opirus 3.8 V6	[G6DA]	10.06-	113653#	14 120				
Picanto 1.0	[G4HE]					02.04-	112322	12 0.8
Picanto 1.1	[G4HG]	04.04-	113791	14 70		04.04-	112322	12 0.8
Picanto 1.1 CRDI	[D3FA]	11.05-	113863	14 90		11.05-	113797	12 1.7
Pregio 2.5 TCI	[D4BH]	09.02-	113330	14 75		08.01- 08.02	111565	12 2.2
						08.01- 08.02	111476	12 2.0
Pride 1.1 i	[B1]	01.91-	110692	14 55		01.91-	110807	12 0.85
Pride 1.3	[B3]	08.99-	112297	14 60				
Pride 1.3 GLXI	[B3]	01.90-	111714#	14 50		01.90-	110807	12 0.85
Pride 1.3 16V	[B3]	10.96-	111714#	14 50		10.96-	110807	12 0.85
Pride 1.3 16V GLXI	[B3]	01.90-	111714#	14 50		01.90-	110807	12 0.85
	[B3]	01.90-	110692	14 55				
Pride 1.3 i	[B3]	10.94-	111714#	14 50		01.90-	110807	12 0.85
Pro Ceed 1.4	[G4FA]	02.08-	114467	14 90				
Pro Ceed 1.6	[G4FC]	02.08-	114467	14 90				
Pro Ceed 1.6 CVVT	[G4FC]	10.10-	114467	14 90				
Pro Ceed 1.6 CRDI	[D4FB]					02.08-	113797	12 1.7
	[D4FB-L]					02.08-	113797	12 1.7
Retona 2.0 16V	[FE-DI]	01.97- 12.02	111787	14 70		05.00-	110808	12 0.85
Retona 2.0 TD		06.99-	112506	14 60		06.99-	110389	12 2.2
		06.99-	113903	14 60				
Rio 1.3	[A3E]					08.00- 05.05	110808	12 0.85
		08.02- 02.05	113656	14 90				
Rio 1.4 16V	[G4EE]	03.05-	113657	14 90				
Rio 1.4 CVVT	[G4FA]					09.11-	114443	12 0.9
Rio 1.5	[A5D]					08.00- 05.05	110808	12 0.85
						09.00- 05.05	110808	12 0.85
Rio 1.5 CRDI	[D4FA]	03.05-	111237	14 70		03.05-	113797	12 1.7
		03.05-	113656	14 90				
Rio 1.6 16V	[G4ED]	03.05-	113657	14 90				
Roadster 1.8	[T8D]	08.99-	111807	14 70				
Sephia 1.5 i 16V	[B5]	02.96-	111237	14 70		02.96-	110808	12 0.85
		02.96- 10.97	111807	14 70				
Sephia 1.6	[B6]	09.93-	111237	14 70		09.93-	110808	12 0.85
		09.93-	111807	14 70				
Sephia 1.6 i	[B6]	01.93-	110663	14 60		01.95-	110808	12 0.85
		01.95-	111237	14 70				
		01.95-	111807	14 70				
Sephia 1.8 i 16V	[T8D]					01.95-	110810	12 1.4
		01.98- 12.00	111237	14 70				
Shuma 1.5	[B6]	03.96- 01.97	111237	14 70				
Shuma 1.5 i 16V	[B5D]	10.97-	111237	14 70		10.97- 03.01	110808	12 0.85
Shuma 1.6	[GA6D]					01.01- 08.04	110808	12 0.85
Shuma 1.8		01.01- 08.04	111237	14 70		AT 01.01- 08.04	110810	12 1.4
Shuma 1.8 i 16V	[T8D]	10.97-	111237	14 70		10.97-	110808	12 0.85
Sorento 2.4	[4G64]					03.03-	113521	12 1.2
Sorento 2.5 CRDI	[D4CB]	08.02-	113792	14 110		08.02-	113937	12 2.2
Sorento 3.5 V6	[6G74]					08.02-	111241	12 1.2
Soul 1.6	[G4FC]	02.09-	114467	14 90				
Soul 1.6 CVVT	[G4FC]	02.09-	114467	14 90				
Soul 1.6 CRDI						02.09-	113797	12 1.7
Sportage 2.0	[FE]	10.00-	111787	14 70				
Sportage 2.0 4WD	[FE]	10.00-	111787	14 70				
Sportage 2.0 16V	[G4GC]	09.04-	113657	14 90		AT 09.04-	113521	12 1.2
Sportage 2.0 16V 4WD	[G4GC]	09.04-	113657	14 90		AT 09.04-	113521	12 1.2
Sportage 2.0 i 16V	[FE]	11.98-	111787	14 70				
Sportage 2.0 i 16V 4WD	[FE]	04.94-	111787	14 70		04.94-	110808	12 0.85
Sportage 2.0 i 4WD	[FE]		111787	14 70		04.94-	110808	12 0.85
Sportage 2.0 CRDI	[D4EA-V]	01.06-	113328	14 120		01.06-	113329	12 2.0
Sportage 2.0 CRDI 4WD	[D4EA]	09.04-	113328	14 120		09.04-	113329	12 2.0
Sportage 2.0 CRDI AWD	[D4EA-V]	01.06-	113328	14 120		01.06-	113329	12 2.0
Sportage 2.0 TD 4WD	[RF]	10.97- 08.03	113903	14 60		10.97-	110389	12 2.2
Sportage 2.7 V6 4WD	[G6BA]	09.04-	113652	14 110		09.04-	113020	12 1.2
Venga 1.4 16V		02.10-	114467	14 90				
Venga 1.6 16V	[G4FC]	02.10-	114467	14 90				
<b>PASSENGER CARS US</b>								
Magentis 2.4		01.01-	112327	14 100		01.01- 12.03	113638	12 1.4
Optima 2.4		01.01- 01.03	112327	14 100		01.01- 01.03	113638	12 1.4
						01.01- 01.03	113521	12 1.2
Optima 2.5						01.01- 01.01	113020	12 1.2
Optima 2.7						01.02- 01.02	113020	12 1.2
Rio 1.5		01.01- 01.02	113656	14 90				
Rio 1.5 CINCO		01.02- 01.02	113656	14 90				
Rio 1.5 RX-V		01.01-	113656	14 90				
Rio 1.6		01.03-	113656	14 90				
Rio 1.6 Cinco		01.03-	113656	14 90				
Rio 1.6 RX-V		01.03-	113656	14 90				
Sedona 3.5						01.02- 01.03	113020	12 1.2
Sephia 1.6 GS		01.95- 01.97	111237	14 70		01.93- 01.97	110808	12 0.85
Sephia 1.6 LS		01.95- 01.97	111237	14 70		01.93- 01.97	110808	12 0.85
Sephia 1.6 RS		01.95- 01.97	111237	14 70		01.93- 01.97	110808	12 0.85
Sephia 1.8	[5BP]	01.99- 01.01	111237	14 70		01.99- 01.01	110808	12 0.85
						01.99- 01.01	110810	12 1.4
						01.98- 01.98	110810	12 1.4
						01.98- 01.98	110808	12 0.85
Sephia 1.8 GS						01.95- 01.97	110810	12 1.4
						01.95- 01.97	110808	12 0.85
Sephia 1.8 LS						01.95- 01.98	110808	12 0.85
		01.98- 01.98	111237	14 70		01.95- 01.98	110810	12 1.4
Sephia 1.8 RS		01.97- 01.97	111384	14 70		01.96- 01.97	110810	12 1.4
						01.96- 01.97	110808	12 0.85

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**KIA Continued**

Spectra 1.8	[5BP]	01.00- 01.03	111237	14	70	01.00- 01.03	110808	12	0.85
						01.00- 01.03	110810	12	1.4
Spectra 2.0 EX		01.05-	113657	14	90				
Spectra 2.0 LX		01.05-	113657	14	90				
Sportage 2.0	[3FE]	01.99- 01.02	111787	14	70	01.99- 01.02	110808	12	0.85
						01.99- 01.02	110810	12	1.4
		01.05-	113657	14	90	01.95- 01.98	110808	12	0.85
		01.95- 01.98	111787	14	70	01.98- 01.98	110810	12	1.4
Sportage 2.0 4-Door		01.95- 01.97	111787	14	70	01.96- 01.97	110810	12	1.4
						01.95- 01.97	110808	12	0.85
<b>PASSENGER CARS AO</b>									
Cerato 1.6	[G4FC]	05.06-	114467	14	90				
		05.06-	114467	14	90				
Sportage 2.2 Diesel 4WD	K00	08.94- 08.02	112506	14	60	08.94- 04.99	110389	12	2.2
<b>Kobelco</b>									
<b>INDUSTRY</b>									
SK60 Excavator	[4JB1]		114456	28	30		114185	24	3.2
SK70 Excavator	[4JB1]		114456	28	30		114185	24	3.2
<b>Kohler</b>									
<b>MOTORS</b>									
Engine							110949	12	0.6
							113526	12	0.5
							111700	12	
							112568	12	
							111012	12	0.5
							112150	12	
Engine							111700	12	
							111702#	12	0.5
							113526	12	0.5
							112831	12	0.6
							112150	12	
K-161							112546	12	0.6
K-181							111702#	12	0.5
							111702#	12	0.5
<b>Komatsu</b>									
<b>FORK LIFTS</b>									
605	[H20]						110155	12	1.0
4DE94E	[4TNE94]		114209	14	60				
D50A-17	[S40-105]		110800	28	13				
D53A-17	[S40-105]		110800	28	13				
DT11						01.89-	110256	12	0.8
FD20	[4D95]						110568	12	2.2
							113206	12	2.5
FD25	[4D95]						110568	12	2.2
FD28-10	[4D95]						110568	12	2.2
FG10-10	[D11PU]						110156	12	1.2
FG10-12	[Toyota 4P]		110137	14	30		110154	12	0.8
FG15-12	[Toyota 4P]		110137	14	30		110154	12	0.8
FG18-12	[Toyota 4P]		110137	14	30		110154	12	0.8
FG20-6	[Nissan H20PU]		110128	14	35		110256	12	0.8
							110155	12	1.0
FG20-7	[Nissan H20PU]		110128	14	35		110256	12	0.8
							110155	12	1.0
FG20-8	[Nissan H20PU]		110128	14	35		110256	12	0.8
							110155	12	1.0
PC300HD	[SA6D114E-1]		112160	28	75				
Various Models	[Nippondenso equipped]		110562	28	25				
			110564	14	40				
			110657	28	40				
			114097	14	60				
			114113	28	60				
		09.95-	112170	28	50	01.86- 01.97	110557#	24	2.8
		01.80-	111051	28	25	01.84- 01.85	110556	24	7.5
						01.84- 01.97	110555	24	7.5
		01.88-	110562	28	25	01.76- 01.95	110558	24	7.5
		01.88-	110657	28	40		110256	12	0.8
		01.88-	114097	14	60		111189	12	0.8
							112503#	24	7.5
							113736	12	4.8
						01.88-	113203	24	4.5
						01.88- 01.97	113385	24	3.5
						01.76- 01.95	110560	24	5.5
						01.84- 01.85	111019	24	7.5
						01.89-	112668	12	2.5
						01.88-	111097	24	5.5
						01.88- 01.01	112178	12	1.6
							112676	12	2.2
WA180	[S6D102E-1]		111647	28	60				
			112160	28	75				
<b>MARINE</b>									
SA6D170A Diesel	[SA6D170A]						114165	24	7.5
<b>INDUSTRY</b>									
Crawlers	[SA6D125]						114164	24	7.5
D31	[4D105]					01.88- 01.95	110656	24	5.5
	[6D95]					01.88- 01.95	110656	24	5.5
D41	[4D105]					01.88- 01.95	110656	24	5.5
	[6D95]					01.88- 01.95	110656	24	5.5
D65	[6D110]					01.91- 01.97	110556	24	7.5
D66	[6D110]						110556	24	7.5
EC170	[6D110]					01.84- 01.85	110556	24	7.5
EC210	[6D110]					01.86- 01.95	110556	24	7.5
EZ105	[6D110]					01.86- 01.95	110556	24	7.5
PC200	[6D105]					01.86- 01.87	111050	24	5.5
PC220 Diesel			114113	28	60				
PC300						01.95- 01.97	112503#	24	7.5
							113499	24	7.5
PC310	[6D105]					01.91- 01.95	111020	24	7.5
						01.91- 01.95	112503#	24	7.5
PC340							113499	24	7.5
PC400	[6D125]					01.86- 01.94	111020	24	7.5
PC410	[6D125]					01.91- 01.95	111020	24	7.5
PC60	[4D95]					01.88- 01.94	111212	24	2.8
PC650	[6D650]					01.88- 01.94	111020	24	7.5
PF5	[6D105]					01.91- 01.95	111050	24	5.5
PW100	[6D95]					01.88- 01.90	111050	24	5.5
PW150	[6D95]					01.88- 01.90	111050	24	5.5
PW200	[6D105]					01.91- 01.95	111050	24	5.5
SA6D170A Diesel	[SA6D170A]						114165	24	7.5
Various Models	[6D125]					01.86- 01.94	111020	24	7.5
Various Models	[6D105]					01.86- 01.87	110555	24	7.5
						01.88- 01.95	110656	24	5.5
	[6D125]					01.76- 01.97	110555	24	7.5
	[6D140]						110555	24	7.5
WA 380 WheelLoader							114396	24	7.5
WA120 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA120 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA180 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA180 6B Wheelloader						01.97- 01.06	114340	24	4.5



WA250 4B Wheelloader						01.97-	01.06	114340	24	4.5			
WA250 6B Wheelloader						01.97-	01.06	114340	24	4.5			
WA253 4B Wheelloader						01.97-	01.06	114340	24	4.5			
WA253 6B Wheelloader						01.97-	01.06	114340	24	4.5			
WA300								113499	24	7.5			
WA320								113499	24	7.5			
WA350								113499	24	7.5			
WB140 Backhoe			114262	14	80								
<b>MOTORS</b>													
SA6D170A Diesel	[SA6D170A]							114165	24	7.5			
<b>Kramer</b>													
<b>INDUSTRY</b>													
Various Models						09.88-	07.96	110881	14	55			
						01.77-	07.96	110641	14	33			
								01.92-	112555	12	3.1		
								01.78-	12.91	110536	12	2.7	
<b>Kubota</b>													
<b>AGRICULTURE</b>													
F2260								114485	12	1.0			
F2560								114485	12	1.0			
L2250	[D1302]					01.85-	01.90	113893	12	1.2			
L2500	[D1403]							113893	12	1.2			
L2550	[D1402]					01.85-	01.96	113893	12	1.2			
L2650	[D1402]					01.90-	01.96	113893	12	1.2			
L2800	[D1403]							113893	12	1.2			
L2900	[D1503]					01.94-	01.98	113893	12	1.2			
L2950	[D1462]					01.91-	01.93	113893	12	1.2			
L3010	[D1503]					01.98-	01.02	113893	12	1.2			
L3130	[D1503]					01.03-	01.05	113893	12	1.2			
L3300	[D1703]					01.94-	01.98	113893	12	1.2			
L3400	[D1703]							113893	12	1.2			
L3410	[D1703]					01.98-	01.02	113893	12	1.2			
L3430	[D1703]					01.03-	01.05	113893	12	1.2			
L35	[D1703]							113893	12	1.2			
Various Models			114515	14	45			114501	12	1.0			
<b>INDUSTRY</b>													
RX502 Excavator			114085	14	40			110720	12	1.4			
<b>MOTORS</b>													
Engine 1.9	[V1902]					01.85-	01.03	110356	12	1.4			
						01.85-	01.03	111197	12	2.0			
						01.89-	01.99	112589					
Engine	[D1302]	01.85-	01.90	111195	14	35		01.82-	110245	12	1.0		
								Denso long model	01.86-	113966	12	1.4	
								Denso short model	01.79-	110720	12	1.4	
	[D1402]	01.85-	01.90	111195	14	35		Denso short model	01.79-	110720	12	1.4	
								Denso long model	01.79-	113966	12	1.4	
	[D850]							01.87-	111021	12	1.4		
	[D950]	01.98-		112721	14	60		01.81-	110421	12	0.8		
	[DM1102]							01.81-	110447	12	1.0		
								01.81-	113211	12	1.0		
	[F2302]	01.85-	01.93	110137	14	30							
	[V1502]	01.86-	01.89	110620	14	35		Denso long model	07.98-	113966	12	1.4	
								Denso short model	01.86-	01.89	110720	12	1.4
									01.86-	01.89	111197	12	2.0
	[Z402]									113211	12	1.0	
	[Z600..]							01.81-	110421	12	0.8		
	[Z751]							08.81-	111196	12	0.8		
	[ZB600..]							01.78-	110246	12	1.4		
Engine	[D1105BH]								112547	12	1.4		
	[D905E-BX]								112547	12	1.4		
	[D950]			114251	14	60		01.81-	110421	12	0.8		
	[S2600]	01.83-		111195	14	35							
	[S2800]	01.83-		111195	14	35							
	[V1405]							04.92-	111622	12	1.2		
	[V1505BH]			113856	14	40			112547	12	1.4		
Various Models	[CT4-114]			110371	14	65							
	[CT4-134]			110371	14	65							
				113401	14	40			113211	12	1.0		
		01.91-	01.97	113200	14	45			113551	12	2.2		
				112721	14	60			113635	12	1.2		
				111048	14	40			113596	12	0.6		
				113921	14	40			112589				
									112547	12	1.4		
									113199	12	0.8		
									113204	24	1.4		
									113205	12	0.7		
<b>Kossbohrer</b>													
<b>TRUCKS EU</b>													
S210H 11.0	[OM421.900]	10.83-	03.95	110895	28	55		10.83-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		10.83-	06.96	110210	24	6.6	
	[OM421A]	09.85-	03.95	110895	28	55		09.85-	06.96	110210	24	6.6	
	[OM441A]	03.89-	06.96	111859#	28	120		03.89-	06.96	110210	24	6.6	
	[OM421A]	10.89-	06.96	111859#	28	120							
S211H 11.0	[OM421A]	09.85-	03.95	110895	28	55		09.85-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		09.85-	06.96	110210	24	6.6	
S211H 14.6	[OM422.900]	01.80-	03.95	110895	28	55		01.80-	06.96	110210	24	6.6	
		10.89-	06.96	111859#	28	120		01.80-	06.96	110550	24	4.0	
S213H 14.6	[OM422.900]	01.80-	03.95	110895	28	55		01.80-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		01.80-	06.96	110210	24	6.6	
	[OM422.901]	09.83-	03.95	110895	28	55		09.83-	06.96	110210	24	6.6	
		09.83-	06.96	111859#	28	120		09.83-	06.96	110550	24	4.0	
S213HR 14.6	[OM422.900]	09.83-	03.95	110895	28	55		09.83-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		09.83-	06.96	110210	24	6.6	
S213RL 14.6	[OM422.900]	09.83-	03.95	110895	28	55		09.83-	06.96	110210	24	6.6	
		10.89-	06.96	111859#	28	120		09.83-	06.96	110550	24	4.0	
S214H 12.0	[D2866KOH]	08.87-	01.95	111859#	28	120		08.87-	01.95	110210	24	6.6	
	[D2866LOH]	09.86-	01.95	111859#	28	120		09.86-	01.95	110210	24	6.6	
S214HD 14.6	[OM422.900]	09.83-	03.95	110895	28	55		09.83-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		09.83-	06.96	110210	24	6.6	
	[OM422.901A]	09.83-	03.95	110895	28	55		09.83-	06.96	110210	24	6.6	
	[OM422.901A]	10.89-	06.96	111859#	28	120							
S215H 12.0	[D2866KOH]	08.87-	01.95	111859#	28	120		08.87-	01.95	110210	24	6.6	
	[D2866LOH]	09.86-	01.95	111859#	28	120		09.86-	01.95	110210	24	6.6	
S215H 14.6	[OM422.900]	01.80-	03.95	110895	28	55		01.80-	06.96	110550	24	4.0	
	[OM422.901A]	09.83-	03.95	110895	28	55		09.83-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		09.83-	06.96	110210	24	6.6	
	[OM422A]	07.88-	06.96	111859#	28	120		07.88-	06.96	110210	24	6.6	
	[OM422.900]							01.80-	06.96	110210	24	6.6	
S215HR 14.6	[OM422.900]	09.83-	03.95	110895	28	55		09.83-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		09.83-	06.96	110210	24	6.6	
S215RL 14.6	[OM422.900]	09.83-	03.95	110895	28	55		09.83-	06.96	110210	24	6.6	
		10.89-	06.96	111859#	28	120		09.83-	06.96	110550	24	4.0	
S215SL 12.0	[OM427H]	09.85-	03.95	110895	28	55		09.85-	06.96	110550	24	4.0	
		10.89-	06.96	111859#	28	120		09.85-	06.96	110210	24	6.6	
S215UL 12.0	[OM427H.]	10.89-	06.96	111859#	28	120		09.85-	06.96	110210	24	6.6	
	[OM427H.]	09.85-	03.95	110895	28	55							
S216HDS 12.0	[D2866KOH]	09.86-	01.95	111859#	28	120		09.86-	01.95	110550	24	4.0	
S216HDS 14.6	[OM422.901A]							07.80-	06.96	110210	24	6.6	
								07.80-	06.96	110550	24	4.0	
S217HDH 14.6	[OM422LA]							01.89-	06.96	110206	24	5.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

KÄSSBOHRER Continued

S228DT 14.6	[OM442A] [OM442LA]	01.89- 06.96	111859#	28	120	01.89- 06.96	110550	24	4.0
						01.89- 06.96	110206	24	5.4
						01.89- 06.96	110550	24	4.0
S250 Spezial 12.0	[D2866LOH22] [D2866LOH23]	07.94- 06.96	111859#	28	120				
S300N 12.0	[D2866OH]	03.92-	111859#	28	120	06.96- 06.01	110206	24	5.4
S300NC 12.0	[D2866OH]	03.92-	111859#	28	120				
S309HD 11.0	[OM441LA]					09.92-	110206	24	5.4
S309HD 9.5	[OM401LA]	09.91-	111859#	28	120				
S312HD 11.0	[OM441LA]	09.91-	111859#	28	120				
S312HD 14.6	[OM442LA]	09.91-	111859#	28	120				
S313UL 12.0	[D2866LUH21] [OM447HLA] [OM457HLA]	03.95-	111859#	28	120	03.95-	113608	24	6.2
						03.95-	113608	24	6.2
						07.01-	113608	24	6.2
S315GT 11.0	[OM441LA]					09.94-	110206	24	5.4
S315GT 14.6	[OM442LA]					09.94-	110206	24	5.4
S315GT-HD 11.0	[OM441LA] [OM442LA]					07.96-	110206	24	5.4
						07.96-	110206	24	5.4
S315H 11.0	[OM441LA]	09.91-	111859#	28	120	09.94-	110206	24	5.4
S315H 12.0	[OM457HLA]	09.91-	111859#	28	120				
S315HD 12.0	[D2866LOH23]					03.95-	110206	24	5.4
S315HD HDH 11.0	[OM441LA]	09.91-	111859#	28	120	09.91-	110206	24	5.4
S315HD HDH 14.6	[OM442LA]	09.91-	111859#	28	120	09.91-	110206	24	5.4
	[OM442A]	09.91-	111859#	28	120				
S316HDS 14.6	[OM442LA]					01.97-	110206	24	5.4
S316UL 12.0	[OM457HLA]					07.01-	113608	24	6.2
S317HDH 14.6	[OM442LA]					10.97-	110206	24	5.4
S317UL 12.0	[OM457HLA]					07.01-	113608	24	6.2
S319GT-HD 11.0	[OM442LA]					07.98-	110206	24	5.4
S319UL 12.0	[D2866LUH21] [OM447HLA] [OM457HLA]					03.95-	113608	24	6.2
						03.95-	113608	24	6.2
						07.01-	113608	24	6.2
S328DT 14.6	[OM442LA]					04.93-	110206	24	5.4
S415GT-HD 12.0	[OM457.944]								
S416GT-HD 12.0	[OM457.944]								
S417GT-HD 12.0	[OM457.944]								
<b>Leads</b>									
<b>PASSENGER CARS EU</b>									
110 1.5	[VAZ-2111]	01.95-	111811	14	80	01.95-	112304	12	1.8
110 1.5 16V	[VAZ-2112]	01.95-	111811	14	80	01.95-	112304	12	1.8
		10.00-	112191	14	80				
110 2.0 i	[C20XE]	01.96- 12.00	113632	14	85				
111 1.5	[VAZ-2111]	01.95-	111811	14	80	01.96-	112304	12	1.8
		10.00-	112191	14	80				
111 1.5 16V	[VAZ-2112]	01.95-	111811	14	80	01.95-	112304	12	1.8
		10.00-	112191	14	80				
111 1.6		01.05-	111811	14	80	01.05-	112304	12	1.8
						01.05-	110351	12	1.3
112 1.5	[VAZ-2111]	01.95-	111811	14	80	01.95-	112304	12	1.8
112 1.5 16V	[VAZ-2112]	01.95-	111811	14	80	01.95-	112304	12	1.8
		10.00-	112191	14	80				
1200 1.2	[BA32101]	01.70- 06.86	110349	14	42	01.70- 06.86	110352	12	1.3
	[BA32101]	03.79- 06.86	110350	14	44				
1300 1.3	[BA321011]	01.80- 01.87	110348	14	55	05.78- 01.87	110352	12	1.3
	[BA32105]	01.80- 08.84	110350	14	44	08.74- 08.84	110352	12	1.3
	[BA321011]	05.78- 01.87	110349	14	42				
		01.80- 01.87	110350	14	44				
	[BA32105]	08.74- 08.84	110349	14	42				
1300 1.3 1300	21021	08.74- 08.84	110349	14	42	08.74- 08.84	110352	12	1.3
1500 1.5	[BA32103]	03.79- 10.86	110350	14	44	09.72- 10.86	110352	12	1.3
	[BA32103]	09.72- 10.86	110349	14	42				
		01.80- 10.86	110348	14	55				
1600 1.6	[BA32106]	01.80- 10.86	110350	14	44	09.72- 10.86	110352	12	1.3
	[BA32106]	09.72- 10.86	110349	14	42				
		01.80- 10.86	110348	14	55				
Niva 1.6 1600	[BA32121]	01.80- 03.95	110350	14	44	12.76- 03.95	110352	12	1.3
	[BA32121]	12.76- 03.95	110349	14	42				
Niva 1.7 i 1700	[BA321214]	01.93-	112191	14	80	07.96- 12.99	110352	12	1.3
Niva 1.7 i 4x4	2121	10.00-	112191	14	80	10.00-	110352	12	1.3
Nova 1.2 1200 Junior	[BA32101]	09.81-	110350	14	44	09.81-	110352	12	1.3
	[BA32101]	09.81-	110348	14	55				
		09.81-	110349	14	42				
Nova 1.3 1300	[BA32105]	09.85- 12.90	110348	14	55	09.85- 12.90	110352	12	1.3
		09.85- 12.90	110349	14	42				
		09.85- 12.90	110350	14	44				
Nova 1.3 1300 Spezial	[BA32105]	05.81-	110350	14	44	05.81-	110352	12	1.3
	[BA32105]	05.81-	110348	14	55				
		05.81-	110349	14	42				
Nova 1.5 1500	[BA32103]	03.85- 02.93	110350	14	44	03.85- 02.93	110352	12	1.3
	[BA32103]	01.72-	110349	14	42				
		03.85- 02.93	110348	14	55				
		06.89-	110348	14	55				
		06.89-	110350	14	44				
Nova 1.6 1600	[BA32106]	01.88-	110350	14	44	01.88-	110352	12	1.3
	[BA32106]	01.88-	110348	14	55				
		01.88-	110349	14	42				
Nova 1.7 1700	[ECE]	01.72-	110349	14	42	08.94-	110352	12	1.3
		08.94-	110348	14	55	08.94-	110351	12	1.3
Samara 1.1 1100	[BA321081]	02.88- 12.94	110348	14	55	02.88- 12.94	110351	12	1.3
	[BA321081]	02.88- 12.94	110349	14	42				
Samara 1.1 1100 Forma	[BA321081]	07.91-	110348	14	55	07.91-	110351	12	1.3
Samara 1.3 1300	[BA32108]	01.86- 12.94	110348	14	55	01.86- 12.94	110351	12	1.3
	[BA321115]	02.96-	110348	14	55	02.96-	110351	12	1.3
	[BA32108]	01.86- 12.94	110349	14	42				
Samara 1.3 1300 Forma	[BA32108]	05.89-	110348	14	55	05.89-	110351	12	1.3
	[BA32108]	05.89- 07.97	110349	14	42				
Samara 1.5	2110					02.96-	110351	12	1.3
Samara 1.5 1500	[BA321083]	01.88-	110349	14	42	03.93-	112304	12	1.8
	[BA32111]	09.91-	111811	14	80	01.88-	110351	12	1.3
		02.95-	110349	14	42	01.99-	112304	12	1.8
	[BA321083]	01.88-	110348	14	55	02.95-	110351	12	1.3
	[BA32111]								
Samara 1.5 1500 Forma	[BA321083]	09.91-	110349	14	42	07.91-	110351	12	1.3
	[BA32111]	11.94-	111811	14	80	01.99-	112304	12	1.8
	[BA321083]	07.91-	110348	14	55				
	[BA32111]					11.94-	110351	12	1.3
Toscana 1.3	[BA32105]	12.85-	110350	14	44	12.85-	110352	12	1.3
	[BA32105]	12.85-	110348	14	55				
Toscana 1.5 1500	[BA32103]	09.83- 02.93	110350	14	44	09.83- 02.93	110352	12	1.3
	[BA32103]	09.83- 02.93	110348	14	55				
		09.83- 02.93	110349	14	42				
<b>PASSENGER CARS AO</b>									
Samara 1.5	[VAZ-2111]	04.96-	111811	14	80	04.96-	110351	12	1.3
<b>Lamborghini</b>									
<b>PASSENGER CARS EU</b>									
Espada 3.9 400 GT							113177	12	1.1
Jalpa 3.5 P 350		01.82- 03.84	110735	14	55	01.82- 12.87	113177	12	1.1



Jarama 3.9 400 GTS						01.68-	12.76	113177	12	1.1
Urraco 2.5 P250		11.75-	12.80	110735	14	55				
<b>PASSENGER CARS US</b>										
Jalpa 3.5		01.82-		112098	14	65				
Jarama 4.0 400 GT								01.71-	113177	12 1.1
Jarama 4.0 400 GTS								01.73-	113177	12 1.1
Urraco 2.5 P250		01.76-		112098	14	65				
<b>AGRICULTURE</b>										
105 Diesel Formula	[1004.4]							03.89-	12.99	111001 12 3.0
115 6.0 Diesel Formula	[1000.6]	12.89-		111686	14	65		12.89-	12.99	111001 12 3.0
135 6.0 Diesel Formula	[1000.6]	12.89-		111686	14	65		12.89-	12.99	110530 12 3.0
165 6.0 Diesel Racing	[1000.6]	05.91-		111686	14	65		05.91-	12.99	110530 12 3.0
190 6.0 Diesel Racing	[1000.6]	01.92-		111686	14	65		01.92-	12.99	110530 12 3.0
								01.92-	12.99	111011 12 2.0
775 4.0 Diesel	[1000.4]	06.87-	12.99	110882	14	45		06.87-	12.99	110530 12 3.0
								06.87-	12.99	111001 12 3.0
804 4.6	[FL1104]							06.73-	12.79	110551 12 3.0
904 5.0	[FL1154]							03.73-	12.79	110551 12 3.0
1106 5.5 Diesel 2RM	[916.6]	01.84-	05.85	110882	14	45				
1306 5.5 TD DT	[916.6]	01.84-	05.85	110882	14	45				
1506 6.8 TD	[1106HT]	01.84-	05.85	110882	14	45				
1706 6.8 TD	[1106]	01.84-	05.85	110882	14	45				
660 F 3.0 Diesel	[1000.3]							06.87-	12.99	111001 12 3.0
674-70 4.0 Diesel	[1000.4]	06.86-	12.99	110882	14	45		06.86-	12.99	110530 12 3.0
								06.86-	12.99	111001 12 3.0
674-70 N 4.0 Diesel	[1000.4]	06.86-	12.95	110882	14	45		06.86-	12.95	110530 12 3.0
								06.86-	12.95	111001 12 3.0
674-70 N 4.0 Diesel Bosso	[1000.4]	06.86-	12.95	110882	14	45		06.86-	12.95	110530 12 3.0
								06.86-	12.95	111001 12 3.0
774-80 4.0 Diesel	[1000.4]	06.86-	12.99	110882	14	45		06.86-	12.99	111001 12 3.0
								06.86-	12.99	110530 12 3.0
774-80 DT 4.0 Diesel	[1000.4]	06.86-	12.99	110882	14	45		06.86-	12.99	110530 12 3.0
								06.86-	12.99	111001 12 3.0
774-80 N 4.0 Diesel	[1000.4]	06.86-	12.99	110882	14	45		06.86-	12.99	110530 12 3.0
								06.86-	12.99	111001 12 3.0
874-90 4.0 Diesel	[1000.4]	06.86-	12.99	110882	14	45		06.86-	12.99	110530 12 3.0
								06.86-	12.99	111001 12 3.0
956 DT 5.5 Diesel	[916.6]	01.84-	05.85	110882	14	45		01.84-	12.99	111001 12 3.0
								01.84-	12.99	110868 12 1.1
956-2 RM 5.5 Diesel	[916.6]	01.84-	05.85	110882	14	45				
C 554 2.8 Diesel	[100.3P]	06.87-	12.00	111180	14	33				
C 664 3.1 Diesel								06.87-	12.00	111001 12 3.0
C 774-80 4.0 Diesel	[1000.4]	06.86-	12.00	110882	14	45		06.86-	12.00	110530 12 3.0
								06.86-	12.00	111001 12 3.0
C 874-90 4.0 Diesel	[1000.4]	09.90-	12.00	110882	14	45		09.90-	12.00	111001 12 3.0
C603 3.1	[FL1104]							06.73-	06.76	110551 12 3.0
R 235 S 1.8 Diesel		01.83-	09.90	111649	14	33				
R 513 2.7 Diesel	[983L]	03.83-	12.95	111180	14	33				
R704 4.6	[FL1104]							06.73-	04.78	110551 12 3.0
Various Models										
		01.84-	08.85	110882	14	45				
		06.78-	12.95	111180	14	33				
		03.71-	03.84	110641	14	33				
		07.86-	12.99	111686	14	65				
		04.81-	01.85	111649	14	33				
		12.80-	12.84	110890	14	55				
<b>MOTORS</b>										
	[1000.3W]	01.87-	12.99	110882	14	45		01.87-	12.99	110530 12 3.0
	[1000.4W]	01.87-	12.99	110882	14	45		01.87-	12.99	110530 12 3.0
	[1000.6.]	09.90-	12.99	110882	14	45		09.90-	12.99	110530 12 3.0
								09.90-	12.99	111001 12 3.0
<b>Lancia</b>										
<b>PASSENGER CARS EU</b>										
A 112 0.9 Junior	[112A.000]							01.81-	06.86	110365 12 0.8
	[112A5.000]							03.81-	06.86	110814 12 2.7
	[112B2.000]							01.81-	06.86	110365 12 0.8
								03.81-	06.86	110814 12 2.7
A 112 1.0 Abarth	[A112A.2000]	03.78-	02.84	111078	14	45		03.78-	02.84	110365 12 0.8
Ardea Berlina 0.9		11.88-		112025	14	100	▲	11.88-		111865 12 1.7
Beta 1.3		04.76-	04.78	111138	14	45				
		04.76-	07.82	110912	14	55				
Beta 1.4	[828A2.000]	08.73-	07.76	110912	14	55				
Beta 1.6 Spider	[828B.000]	01.73-	12.84	110912	14	55				
		01.73-	04.78	111138	14	45				
Beta 1.8	[828A1.000]	08.73-	12.84	110912	14	55				
		08.73-	04.78	111138	14	45				
Beta 2.0	[828B1.000]	01.73-	07.82	110912	14	55				
		01.73-	07.78	111138	14	45				
Beta 2.0 i.e. HPE	[828B4.000]	05.81-	09.84	110912	14	55				
Dedra 1.6	[159B9.000]	10.94-	07.99	113472	14	65		10.94-	07.99	112124 12 0.9
		10.94-	07.99	113473#	14	65		10.94-	07.99	112289 12 0.8
		AC 10.94-	07.99	112780	14	90				
Dedra 1.6 LE	[159B9.000]	07.94-	07.99	113473#	14	65		07.94-	04.98	112124 12 0.9
	[159B9.000]	07.94-	04.98	113472	14	65				
		AC 07.94-	04.98	112780	14	90				
Dedra 1.6 16V	[182A4.000]	02.96-		111688	14	85		04.98-		112383
		02.96-		111689	14	90				
		AC 04.98-		111688	14	85				
Dedra 1.6 i.e.	[835A1.000]	01.89-	06.94	113473#	14	65		08.89-	06.94	111228 12 1.1
	[835A1.000]	01.89-	06.94	113472	14	65				
	[835A1.046]	08.89-	03.93	113472	14	65		08.89-	03.93	111228 12 1.1
		08.89-	03.93	113473#	14	65				
		AC 08.89-	03.93	112780	14	90				
	[835C1.000]	04.93-	12.99	113472	14	65		04.95-	07.99	112124 12 0.9
		04.93-	07.99	113473#	14	65		04.93-	04.95	111228 12 1.1
		AC 04.93-	12.99	112780	14	90				
Dedra 1.8 16V GT	[183A1.000]	03.96-	07.99	111625	14	100		03.96-	07.99	111685 12 1.4
	[183A1.000]	03.96-	07.99	113939	14	100				
Dedra 1.8 16V LE	[182A2.000]	03.96-	07.99	113939	14	100		03.96-	07.99	111685 12 1.4
	[182A2.000]	03.96-		111409	14	100				
		03.96-	07.99	111625	14	100				
Dedra 1.8 i.e.	[836A5.000]	AC 07.94-	07.99	112540	14	100		07.94-	07.99	110854 12 1.4
	[835A2.000]	01.89-	06.94	111620	14	65		AT 09.89-	05.91	111523
		01.89-	12.90	111860	14	90		09.89-	06.94	110854 12 1.4
	[835A2.046]	09.89-	10.94	111620	14	65		AT 09.89-	10.94	111523
		AC 09.89-	10.94	111860	14	90		09.89-	10.94	110854 12 1.4
	[836A5.000]	07.94-	07.99	111620	14	65				
Dedra 1.8 i.e. LE	[835C5.000]	08.93-	07.94	111620	14	65		08.93-	07.94	110854 12 1.4
Dedra 1.9 TDS	[160D1.000]	AC 10.94-	10.99	112771	14	90		07.94-	10.99	112125 12 2.2
	[835A4.000]	04.89-	07.99	112688	14	95		04.89-	07.99	112125 12 2.2
	[160D1.000]	04.89-	07.99	112771	14	90				
		07.94-	10.99	112688	14	95				
	[835A4.000]	AC 04.89-	07.99	112771	14	90		01.89-	10.94	111645 12 0.4
	[835A4.046]	04.89-	07.99	111620	14	65		AT 03.89-	10.94	112125 12 2.2
		AC 10.89-	10.99	112771	14	90				





Application list

**LANCIA** *Continued*

Dedra 2.0 4WD Integrale	[836A3.000]	07.94- 07.99	111620	14	65	07.94- 07.99	110854	12	1.4
	[836A3.000]	AC 12.94- 10.99	112540	14	100				
Dedra 2.0 HF Integrale	[835A7.000]	06.90-	111620	14	65	06.90- 07.92	111645	12	0.4
		AC 06.90-	111860	14	90	06.90-	110854	12	1.4
	[835A7.046]	04.91-	111620	14	65	04.91-	110854	12	1.4
		AC 04.91-	111860	14	90	04.91- 10.94	111645	12	0.4
Dedra 2.0 16V	[836A3.000]	07.94- 07.99	111620	14	65	07.94- 07.99	110854	12	1.4
	[836A3.000]	01.95- 10.99	112540	14	100				
		AT 10.94-	111860	14	90				
		AC 12.94- 07.99	112540	14	100				
Dedra 2.0 i.e. Turbo	[835A8.046]	08.89-	111620	14	65	11.90- 10.94	111645	12	0.4
		AC 04.91-	111860	14	90	04.91-	112455	12	1.4
Dedra 2.0 i.e.	[835A5.000]	08.89- 07.92	111620	14	65	AT 09.89- 07.92	111523		
		08.89-	111654	14	65	09.89- 07.92	112455	12	1.4
		AC 01.89- 07.92	111860	14	90	01.89- 07.92	111645	12	0.4
	[835A5.046]	09.89- 10.99	111620	14	65	09.89- 10.94	110854	12	1.4
		10.94- 10.99	112540	14	100	AT 09.89- 10.99	111523		
		AC 09.89- 10.99	111860	14	90	09.89- 01.94	111645	12	0.4
Dedra 2.0 i.e. Integrale	[835A7.000]	AC 05.90- 07.94	111860	14	90	06.90- 07.92	110854	12	1.4
	[835A7.000]	05.90- 07.94	111620	14	65				
Dedra 2.0 Turbo	[835A8.000]	01.89- 06.94	111620	14	65	07.92- 07.92	110854	12	1.4
		AC 06.90- 10.94	111860	14	90	06.90- 07.92	111645	12	0.4
Delta 1.1	[831B8.000]	01.86- 12.90	111035	14	65	01.86- 12.90	112289	12	0.8
	[831B8.000]					01.86- 12.90	110338	12	0.8
Delta 1.3	[831B.000]	09.79- 08.92	111035	14	65	09.79- 08.92	110338	12	0.8
	[831A2.000]	09.79- 08.92	110612	14	43				
		09.79- 08.92	111035	14	65				
	[831B.000]	09.79- 08.92	110612	14	43				
Delta 1.4	[198A1.000]					09.08-	113962	12	0.9
	[198A4.000]					09.08-	113962	12	0.9
Delta 1.4 i.e.	[836A4.000]	AC 04.94- 12.99	112780	14	90	04.95- 12.99	112124	12	0.9
	[160A1.046]	01.93- 04.94	111035	14	65				
		01.93- 04.94	113472	14	65				
		10.94- 08.99	113473#	14	65				
		AC 01.93- 04.94	112780	14	90				
	[836A4.000]	04.94- 12.99	113472	14	65				
		10.94- 08.99	113473#	14	65				
Delta 1.5	[831A1.000]	09.79- 12.92	110612	14	43	09.79- 12.92	112289	12	0.8
	[831B1.000]	09.79- 12.92	110612	14	43	05.86- 06.87	110825#	12	0.9
		09.79- 12.92	111035	14	65	09.79- 12.92	112289	12	0.8
	[831A1.000]	09.79- 12.92	111035	14	65				
		09.79- 12.92	111148	14	65				
	[831B1.000]	09.79- 12.92	111148	14	65				
Delta 1.6 GT	[831A4.000]	11.82- 04.86	110912	14	55	11.82- 04.86	111106	12	1.0
	[831A4.000]	11.82- 04.86	111620	14	65				
Delta 1.6 i.e.	[835C1.000]					04.95- 12.99	112124	12	0.9
		06.93- 12.99	113472	14	65				
		06.93- 08.99	113473#	14	65				
		AC 06.93- 12.99	112780	14	90				
Delta 1.6 i.e. GT	[831B7.000]								
Delta 1.6 i.e. GT Super	[149C2.000]					05.87- 08.92	110814	12	2.7
Delta 1.6 i.e. LE	[182A4.000]	01.96- 08.99	111689	14	90	01.96- 08.99	112289	12	0.8
		AC 01.96- 08.99	111688	14	85				
	[182A6.000]	03.96- 08.99	111689	14	90	03.96- 08.99	112124	12	0.9
		AC 03.96- 08.99	111688	14	85				
Delta 1.6 Turbo HF	[831A7.000]					06.83- 04.86	111106	12	1.0
	[831B3.000]								
	[831B7.046]								
Delta 1.6 Multijet	[198A2.000]	09.08-	113996	14	140	04.87- 03.89	110814	12	2.7
		09.08-	114493	14	100	09.08-	113931	12	1.7
Delta 1.8	[939B1.000]					01.09-	113931	12	1.7
Delta 1.8 i.e.	[835C4.000]	01.93-	111620	14	65	01.93-	110854	12	1.4
		AC 01.93-	111860	14	90	01.93- 04.94	111117	12	1.1
		AC 01.93-	112540	14	100	AT 01.93-	111523		
	[836A6.000]	01.93-	111620	14	65	01.93- 04.94	111117	12	1.1
		AC 01.93-	111860	14	90	AT 01.93-	111523		
		AC 01.93-	112540	14	100	01.93-	110854	12	1.4
	[836C4.000]	01.93-	111620	14	65	AT 01.93-	111523		
		AC 01.93-	111860	14	90	01.93- 04.94	111117	12	1.1
		AC 01.93-	112540	14	100	01.93-	110854	12	1.4
	[835C2.000]	06.93- 12.95	111620	14	65	04.94- 12.95	110854	12	1.4
		AC 01.93- 12.95	111860	14	90	06.93- 04.94	111117	12	1.1
		AC 03.93- 12.99	112540	14	100				
Delta 1.8 i.e. GT	[183A1.000]	03.96- 08.99	111625	14	100	03.96- 08.99	111685	12	1.4
		03.96- 08.99	113939	14	100				
Delta 1.8 i.e. LE	[182A2.000]	03.96-	111409	14	100	03.96- 12.99	111685	12	1.4
		03.96- 12.99	111625	14	100				
		03.96- 08.99	113939	14	100				
Delta 1.9 Multijet	[844A1.000]	01.09-	113996	14	140				
		01.09-	114493	14	100				
Delta 1.9 TD	[160D1.000]	AC 10.95-	112771	14	90	10.95-	112125	12	2.2
	[835A4.000]	10.94- 10.95	112688	14	95	10.94- 10.95	112125	12	2.2
	[160D1.000]	10.95-	112688	14	95				
	[835A4.000]	AC 10.94- 08.99	112771	14	90				
Delta 1.9 Turbo DS	[831D1.000]					06.86- 06.91	111645	12	0.4
						01.89- 06.91	112125	12	2.2
Delta 2.0 HF 4WD	[831B5.000]								
Delta 2.0 HF Integrale 4WD	[831C5.000]								
Delta 2.0 16V	[831C5.046]	03.89- 12.92	111620	14	65	03.89- 12.92	112455	12	1.4
	[836A3.000]	06.93- 12.99	111620	14	65	04.94- 12.99	110854	12	1.4
		10.94-	111860	14	90	01.93- 12.95	111645	12	0.4
		AC 03.93- 12.99	112540	14	100	06.93- 04.94	111117	12	1.1
		AC 10.94- 12.99	111860	14	90				
Delta 2.0 16V HF Integrale 4WD	[831D5.000]					03.89- 09.91	110814	12	2.7
	[831E5.000]	06.93- 01.94	111620	14	65	06.91- 12.94	110854	12	1.4
		06.93- 01.94	113498	14	80				
	[831E5.046]	06.93- 01.94	111620	14	65	06.91- 12.94	112455	12	1.4
		06.93- 01.94	113498	14	80				
Delta 2.0 Turbo 16V	[836A2.000]	06.93- 12.99	111620	14	65	04.94- 12.99	110854	12	1.4
		AC 01.93- 12.99	111860	14	90	06.93- 04.94	111117	12	1.1
		AC 06.93- 12.99	112540	14	100				
Delta 2.0 Turbo 16V HPE	[175A4.000]	01.93- 12.99	111620	14	65	09.96- 12.99	110854	12	1.4
Delta 2.0 Multijet	[198A5.000]	09.08-	113996	14	140				
		09.08-	114493	14	100				
	[844A2.000]	09.08-	114493	14	100				
Delta Iii 1.4 BiFuel	[198A4.000]					07.11-	113962	12	0.9
Gamma 2.5	[830A.000]	08.81- 02.82	113376	14	55	08.81- 12.84	110836#	12	1.6
		03.82- 12.84	111166	14	70				
		AC							
	[830A4.000]	08.81- 02.82	113376	14	55	08.81- 12.84	110836#	12	1.6
		03.82- 12.84	111166	14	70				
		AC							



Kappa 2.0 20V	[838A1.000]	10.94-	111625	14	100	Chas. 2011951-10.94-	112381		
		10.94-10.01	113942	14	100	Chas. 2076973-10.94-	111685	12	1.4
	[838A6.000]	07.96-10.01	111625	14	100	Chas. 2011951-07.96-	112381		
	[838A1.000]	10.94-10.01	111409	14	100				
	[838A6.000]					Chas. 2076973-07.96-	111685	12	1.4
						02.98-03.01	111685	12	1.4
Kappa 2.0 20V LE	[838A6.000]	07.96-12.00	111409	14	100	Chas. 2076973-07.96-	111685	12	1.4
		07.96-	111625	14	100	Chas. 2011951-07.96-	112381		
		07.96-10.01	113942	14	100				
Kappa 2.0 Turbo 16V	[838A4.000]	07.96-10.01	113942	14	100		02.95-10.01	112455	12 1.4
	[838A4.000]	11.94-06.98	111409	14	100				
		11.94-06.98	111625	14	100				
Kappa 2.0 Turbo 20V	[175A3.000]	06.98-	111625	14	100		06.98-03.01	111685	12 1.4
Kappa 2.4 20V	[838A2.000]	08.94-11.01	111409	14	100	Chas. 2076973-08.94-	111685	12	1.4
		08.94-10.01	113942	14	100	Chas. 2011951-08.94-	10.01	112381	
	[838A2.027]	08.94-11.01	111409	14	100	Chas. 2011951-08.94-	10.01	112381	
		08.94-10.01	113942	14	100	Chas. 2076973-08.94-	10.01	111685	12 1.4
	[838A2.000]	01.94-01.01	111625	14	100				
Kappa 2.4 JTD	[838A8.000]	06.98-	111625	14	100	Chas. -2095582	06.98-	112027	
Kappa 2.4 TD	[838A3.000]	08.94-10.01	113942	14	100		08.94-06.96	112223	
	[838A7.000]	06.96-03.98	111500#	14	100		06.96-03.98	112223	
	[838A3.000]	01.94-10.01	111409	14	100				
		01.94-01.01	111625	14	100				
		01.94-01.01	113336	14	120				
		08.94-06.96	111500#	14	100				
	[838A7.000]	08.94-10.01	113942	14	100				
		06.96-10.01	111409	14	100				
		07.96-	111625	14	100				
Kappa 3.0 24V	[838B.000]						08.94-03.01	112308#	12 1.4
	[838B.000]								
		01.94-01.01	112777	14	115				
		08.94-10.01	113848	14	120				
Lybra 1.6	[182B6.000]						10.00-10.05	114035	12 1.3
Lybra 1.6 SW	[182B6.000]						10.00-10.05	114035	12 1.3
Lybra 1.6 16V	[182A4.000]						07.99-	112383	
		07.99-	113263#	14	105		07.99-	112445	12 1.1
		AC 07.99-	112190	14	90		07.99-	111685	12 1.4
Lybra 1.8 16V	[839A4.000]	07.99-02.02	111409	14	100		07.99-	111685	12 1.4
		07.99-	113942	14	100				
	[839A7.000]	07.99-02.02	111409	14	100		09.00-	111685	12 1.4
		07.99-	113942	14	100				
	[839A9.000]	07.99-02.02	111409	14	100		07.99-	111685	12 1.4
		07.99-	113942	14	100				
Lybra 1.9 JTD	[937A2.000]	05.01-	113943	14	100		05.01-	113430	12 1.8
	[937A2.000]	05.01-	112386	14	100				
		AC 05.01-	113336	14	120				
	[AR32302]	07.99-09.99	111625	14	100		07.99-	113430	12 1.8
		07.99-09.00	112386	14	100				
		07.99-	113336	14	120				
		07.99-09.00	113939	14	100				
		07.99-09.00	113942	14	100				
		07.99-09.00	113943	14	100				
		AC 07.99-09.99	111409	14	100				
		A17 07.99-09.00	113336	14	120				
	[AR37101]	09.00-	112386	14	100		09.00-	113430	12 1.8
		09.00-	113336	14	120				
		09.00-05.01	113943	14	100				
Lybra 1.9 JTD SW	[AR37101]	09.00-	113336	14	120		09.00-	113430	12 1.8
	[AR37101]	09.00-	112386	14	100				
		09.00-05.01	113943	14	100				
Lybra 2.0 20V	[185A8.000]	09.00-	111582#	14	85		09.00-	111685	12 1.4
	[182B7.000]	10.99-09.00	111582#	14	85		07.99-	111685	12 1.4
Lybra 2.0 20V SW	[185A8.000]	09.00-	111582#	14	85		09.00-	111685	12 1.4
Lybra 2.4 JTD	[839A6.000]	09.00-	113336	14	120		09.00-	113430	12 1.8
	[839A5.000]	10.99-09.00	113336	14	120		10.99-09.00	113430	12 1.8
	[841C.000]	06.02-	113336	14	120				
	[AR32501]	10.99-09.00	113336	14	120		10.99-09.00	113430	12 1.8
Lybra 2.4 JTD SW	[839A6.000]	09.00-	113336	14	120		09.00-	113430	12 1.8
Musa 1.3 Diesel Multijet	[188A9.000]	10.04-	113721	14	75		10.04-	113719	12 1.3
		10.04-	113722	14	90				
Musa 1.3 Multijet	[199A3.000]	10.04-	113721	14	75		10.04-	113719	12 1.3
		09.06-	113722	14	90		09.06-	113843	12 1.1
	[199B1.000]	03.09-	113722	14	90				
Musa 1.4	[192B2.000]						10.07-	113962	12 0.9
	[350A1.000]	09.05-	113718	14	70		09.05-	113962	12 0.9
	[843A1.000]	09.05-	113718	14	70				
Musa 1.4 LPG	[350A1.000]						11.10-	113962	12 0.9
Musa 1.6 Multijet	[350A2.000]	07.08-	114493	14	100		07.08-	113931	12 1.7
	[350A3.000]	07.08-	114493	14	100				
Musa 1.9 Diesel Multijet	[188B2.000]	10.04-	112386	14	100		10.04-	113297	
		10.04-	113336	14	120		10.04-	113931	12 1.7
		10.04-	113943	14	100				
Phedra 2.0	[RFN (EW10J4)]	09.02-	113755	14	150		09.02-	112347	
Phedra 2.0 JTD	[RHK]	06.06-	113640	14	150		06.06-	110861	
	[RHW (DW10ATED4)]	09.02-	112461	14	150		09.02-	111070	12 1.7
	[RHM]	07.03-	112461	14	150		07.03-	111070	12 1.7
							07.03-	114460	12 1.4
	[RHW (DW10ATED4)]	09.02-	112461	14	150		09.02-	114460	12 1.4
Phedra 2.0 Multijet	[RHR]	07.06-	113640	14	150		07.06-	114460	12 1.4
Phedra 2.2 JTD	[4HW (DW12ATED4)]	09.02-	112461	14	150		09.02-	114460	12 1.4
		09.02-	113640	14	150		09.02-	111070	12 1.7
Phedra 3.0 V6	[ES9J4S]	09.02-	111941#	14	150				
		09.02-	111944#	14	120				
Prisma 1.3		05.86-12.89	111035	14	65		12.82-04.86	110338	12 0.8
Prisma 1.5	[138C2.048]	12.82-02.92	111035	14	65		09.85-02.92	112289	12 0.8
	[831B1.000]	05.86-12.89	111035	14	65		05.86-12.89	112289	12 0.8
		05.86-12.89	111148	14	65		AT 05.86-12.89	110825#	12 0.9
	[831B1.048]	05.86-12.89	111148	14	65		05.86-12.89	112289	12 0.8
	[138C2.048]	09.85-02.92	111148	14	65				
	[831A1.000]	12.82-04.86	111148	14	65		12.82-04.86	112289	12 0.8
							AT 12.82-04.86	110825#	12 0.9
	[831B1.048]	05.86-12.89	111035	14	65				
Prisma 1.6	[831A4.000]	12.82-04.86	110912	14	55		12.82-04.86	111106	12 1.0
		12.82-04.86	111148	14	65				
	[831B6.000]								
Prisma 1.6 i.e.	[831B7.000]								
Prisma 1.6 i.e. Super	[149C2.000]								
Prisma 1.9 Diesel	[831D.000]	06.84-12.89	110912	14	55		02.89-12.89	112125	12 2.2
		06.84-07.87	112719	14	55				
		06.84-12.89	113187	14	85				
		AC 06.84-12.89	111620	14	65				
Prisma 1.9 TD	[831D1.000]	05.85-12.89	111654	14	65		05.85-12.89	111645	12 0.4
		05.85-12.89	113187	14	85		02.89-12.89	112125	12 2.2
Prisma 2.0 i.e. 4WD	[831B4.000]	04.86-12.89	113472	14	65				
		04.86-12.89	113473#	14	65				
Thema 2.0 16V	[834F1.000]	05.92-11.94	111860	14	90		05.92-11.94	112455	12 1.4
		AC 05.92-11.94	112777	14	115				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

LANCIA Continued

Thema 2.0 i.e. 16V	[834B2.000]	05.88- 08.92	111620	14	65	05.88- 08.92	112455	12	1.4
	[834B2.000]	05.88- 08.92	112453	14	85				
	[834B2.246]	02.89- 05.92	111620	14	65	02.89- 05.92	112455	12	1.4
		02.89- 05.92	111860	14	90				
Thema 2.0 i.e. Turbo 16V	[834C1.000]	12.88- 06.90	111620	14	65	12.88- 06.90	112455	12	1.4
	[834C1.000]	12.88- 06.90	112453	14	85				
	[834C1.246]	11.84- 05.92	111620	14	65	AT 04.89- 05.92	112455	12	1.4
		04.89- 05.92	111860	14	90	04.89- 05.92	110814	12	2.7
		04.89- 05.92	112777	14	115				
Thema 2.0 i.e. Turbo	[834B2.246]	02.89- 05.92	111620	14	65	AT 02.89- 05.92	112455	12	1.4
		02.89- 05.92	112453	14	85				
	[834C.000]	11.84- 05.90	111620	14	65	11.84- 09.88	111645	12	0.4
		11.84- 09.88	112453	14	85	11.84- 09.88	112455	12	1.4
	[834C.146]	07.86- 05.90	111620	14	65	AT 07.86- 05.90	112455	12	1.4
		07.86- 05.90	112453	14	85	07.86- 05.90	111645	12	0.4
Thema 2.0 i.e.	[834B1.000]	09.88- 05.92	111620	14	65	AT 09.88- 05.92	112455	12	1.4
	[834B.000]	11.84- 09.91	111620	14	65	AT 11.84- 09.88	112455	12	1.4
		11.84- 09.88	112453	14	85	11.84- 09.88	111645	12	0.4
	[834B.048]	03.86- 09.88	111620	14	65	AT 03.86- 09.88	112455	12	1.4
						03.86- 09.88	111645	12	0.4
	[834B.146]	09.87- 09.88	111620	14	65	AT 09.87- 09.88	112455	12	1.4
Thema 2.0 Turbo 16V	[834C.1000]	AC 06.88- 12.90	112777	14	115	AT 06.88- 05.92	112455	12	1.4
	[834F2.000]	AC 05.92- 11.94	112777	14	115	05.92- 11.94	112455	12	1.4
	[834C.1000]	06.88- 12.92	111620	14	65				
	[834C.146]	06.88- 05.90	112453	14	85	06.88- 05.90	112455	12	1.4
						01.89- 03.92	110814	12	2.7
	[834C1.246]	04.89- 05.92	111620	14	65	AT 04.89- 05.92	112455	12	1.4
		AC 04.89- 05.92	112777	14	115	04.89- 03.93	110814	12	2.7
Thema 2.5 TD	[8144.91]	11.84- 09.88	112453	14	85	11.84- 09.88	111113	12	2.2
	[8144.97Y]	05.92- 11.94	112453	14	85	05.92- 11.94	111113	12	2.2
	[8144.97]	06.88- 05.92	112453	14	85	06.88- 05.92	111113	12	2.2
	[8144.97S]	05.88- 07.92	112453	14	85	05.88- 07.92	111113	12	2.2
	[8144.91]	11.84- 05.92	111686	14	65				
	[8144.97]	06.88- 05.92	111686	14	65				
	[8144.97S]	05.88- 07.92	111686	14	65				
Thema 2.5 TDS	[8144.97]	06.88- 05.92	112453	14	85	06.88- 05.92	111113	12	2.2
	[8144.97]	06.88- 05.92	111686	14	65				
	[8144.97S]	05.92- 11.94	112453	14	85	05.92- 07.94	111113	12	2.2
Thema 2.8 i.e. V6	[834E.000]	11.84- 09.88	112453	14	85				
		11.84- 09.88	112777	14	115				
	[834E.146]	06.88- 05.92	112453	14	85				
		AC 06.88- 05.92	112777	14	115				
Thema 2.9	[F105L]	09.87- 05.89	112453	14	85				
	[F105L.046]	10.87- 05.92	112453	14	85				
Thema 3.0 V6	[834F.000]					05.92- 11.94	112308#	12	1.4
Thesis 2.0 Turbo	[841E.000]					04.02-	111685	12	1.4
						04.02-	113430	12	1.8
						07.02-	111685	12	1.4
Thesis 2.4	[841D.000]								
Thesis 2.4 Diesel Multijet	[841P.000]	04.06-	113987	14	140				
Thesis 2.4 JTD	[841C.000]	07.02-	113987	14	140	04.02-	113430	12	1.8
	[841G.000]	05.03-	113987	14	140	05.03-	113430	12	1.8
Thesis 3.0 V6	[841A.000]					04.02-	112308#	12	1.4
Thesis 3.2 V6	[841L.000]					06.03-	112308#	12	1.4
Trevi 1.6	[828B.000]	05.80- 05.85	110912	14	55				
Trevi 2.0 Iniezione	[828B4.000]	05.80- 09.84	110912	14	55				
Y 1.1	[176B2.000]	11.95- 06.00	111411	14	75	11.95- 06.00	111422	12	0.8
		ACPS 11.95- 06.00	111505	14	75				
Y 1.2	[188A4.000]	03.96- 09.03	113718	14	70	06.00- 06.03	112382	12	0.8
	[840A3.000]	03.96-	111411	14	75	03.96-	111422	12	0.8
		03.96- 09.03	113718	14	70				
		PS 03.96-	113537	14	65				
		ACPS 03.96-	111505	14	75				
Y 1.2 16V	[176B9.000]	04.97- 09.03	113684	14	90	04.97-	111422	12	0.8
	[188A5.000]	10.00- 09.03	113718	14	70	10.00-	112382	12	0.8
	[188A5.000]	AC 10.00-	113535	14	85				
Y 1.4 12V	[840A2.000]	01.96- 06.00	111413	14	90				
		AC, Eng. 130749-01.96- 06.00	111725#	14	75				
	[840A4.000]	03.96-	111413	14	90				
Y10 1.0 Fire	[156A2.246]	10.87- 02.92	111036	14	45	12.87- 02.92	111025	12	0.8
	[156A2.000]	03.85- 06.89	111036	14	45	03.85- 06.89	111025	12	0.8
	[156A2.100]	03.89- 06.91	111036	14	45	03.89- 06.91	111025	12	0.8
Y10 1.0 Fire 4WD	[156A2.000]	Eng. -10058448 09.86- 02.89	111036	14	45	09.86- 02.92	111025	12	0.8
	[156A2.100]	03.89- 06.91	111036	14	45	03.89- 06.91	111025	12	0.8
	[156A2.246]	Eng. -10058448 12.87- 02.92	111036	14	45	12.87- 02.92	111025	12	0.8
Y10 1.0 Turbo	[156A1.000]	03.85- 02.89	111035	14	65	03.85- 02.89	112124	12	0.9
Y10 1.1 Avenue	[176B2.000]	01.95-	111621	14	55	09.95-	111422	12	0.8
		AC				01.95- 09.95	111025	12	0.8
Y10 1.1 Avenue 4WD	[176B2.000]					01.95- 09.95	111025	12	0.8
		AC				09.95-	111422	12	0.8
Y10 1.1 i.e.	[156C.000]					08.89- 06.92	111025	12	0.8
Y10 1.1 i.e. 4WD	[156C.000]					08.89- 06.92	111025	12	0.8
Y10 1.1 i.e. Fire	[156C.046]	07.89-	113471	14	65	10.92-	111422	12	0.8
		07.89- 09.95	113533	14	65	07.89-	111025	12	0.8
Y10 1.1 i.e. Fire 4WD	[156C.046]	09.92- 12.95	113471	14	65	09.92- 12.95	111025	12	0.8
		09.92- 12.95	113533	14	65	09.92- 12.95	111422	12	0.8
		AC							
Y10 1.3 i.e. Fire	[146A5.046]	11.87-	111148	14	65	11.87-	110827	12	0.8
	[156B.000]	11.87-	111148	14	65	11.87-	110827	12	0.8
Ypsilon 1.2	[188A4.000]	AC 06.03-	113535	14	85	10.03-	113962	12	0.9
	[188A5.000]	AC 10.03-	113535	14	85	10.03-	113962	12	0.9
Ypsilon 1.3 Diesel Multijet	[199A2.000]	09.06-	113720	14	75	09.06-	113719	12	1.3
		09.06-	113721	14	75				
		09.06-	113722	14	90				
	[199A3.000]	09.06-	113720	14	75	09.06-	113719	12	1.3
		09.06-	113721	14	75				
		09.06-	113722	14	90				
Ypsilon 1.3 JTD	[188A9.000]	10.03-	113721	14	75	10.03-	113719	12	1.3
		10.03-	113722	14	90				
Ypsilon 1.4	[350A1.000]	02.06-	114462	14	70	02.06-	113962	12	0.9
	[843A1.000]	AC 10.03-	113535	14	85	10.03-	113962	12	0.9
Ypsilon 1.4 LPG	[350A1.000]	11.10-	114462	14	70				
Zeta 2.0 16V	[RFN (EW10J4)]	07.00- 09.02	111318	14	80	07.00- 09.02	112347		
	[RFV]	06.99- 10.00	111318	14	80	05.98- 07.00	111130	12	1.1
Zeta 2.0 Turbo	[RGX]	05.95- 11.96	112772	14	120	05.95- 06.99	111130	12	1.1
		05.95- 11.96	112793	14	70	06.94-	111070	12	1.7
		05.95- 09.02	113604	14	95				
		02.97- 06.99	111318	14	80				
Zeta 2.0 JTD	[RHW (DW10ATED4)]	10.00- 06.02	112480	14	90	10.00- 06.02	111070	12	1.7
	[RHZ]					04.00- 09.02	114460	12	1.4
Zeta 2.1 TD	[P8C]	05.96-	113485	14	80	05.96- 09.99	111070	12	1.7
<b>PASSENGER CARS US</b>									
Beta 1.8		01.76- 01.78	110912	14	55				
Beta 1.8 HPE		01.76- 01.78	110912	14	55				
Beta 2.0		01.81- 01.81	110875	14	65				
		01.79- 01.81	110912	14	55				
Beta 2.0 HPE		01.79- 01.79	110912	14	55				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Zagato 2.0		01.81- 01.82	110912	14	55				
		01.81- 01.82	110875	14	65				
<b>Land Rover</b>									
<b>PASSENGER CARS EU</b>									
109 2.25 Diesel						01.69- 01.85	110440	12	2.1
110 2.25 Diesel						01.83- 01.84	110440	12	2.1
Defender 2.4 TD TD4						05.07-	113959	12	2.0
Defender 2.5 4WD		06.98-	114300	14	120	06.98-	112439	12	2.2
Defender 2.5 TD5 4WD		06.98-	114300	14	120	06.98-	113662	12	2.0
Defender 2.5 TDI 90	[23L]	10.95-	111176	14	75	09.90- 12.01	110441	12	2.1
		10.95-	111289	14	70	10.95-	112439	12	2.2
						10.95-	110354	12	3.1
Defender 2.5 TDI 90 110	[23L]	10.95-	111176	14	75	09.90-	112439	12	2.2
		10.95-	111289	14	70	09.90- 12.01	110441	12	2.1
						10.95-	110354	12	3.1
Defender 3.5 V8		01.90- 12.98	110891	14	70	01.93- 12.98	111865	12	1.7
		01.80- 01.85	110969	14	65				
		08.90- 12.98	111366	14	45				
Defender 3.9 V8		11.98-	112025	14	100	09.95-	111865	12	1.7
Discovery 2.0 16V		09.93- 06.94	112025	14	100	10.93- 06.98	111269	12	1.4
Discovery 2.5 TD	[10P]	01.99-	114300	14	120	01.99-	113662	12	2.0
Discovery 2.5 TDI	[12L]	09.89-	111283	14	100	09.89-	110354	12	3.1
		01.96-	112021	14	100	09.89-	112439	12	2.2
Discovery 3.5	[22D]	09.89- 06.94	110891	14	70	09.89- 06.94	111865	12	1.7
Discovery 3.9 V8	[35D]	09.93- 06.94	112025	14	100	09.93- 06.94	111865	12	1.7
	[36D]	09.93- 06.94	112025	14	100	09.93- 06.94	111865	12	1.7
Discovery 4.0 V8	[OHV]	11.98-	114352	14	130	11.98-	111865	12	1.7
Freelander 1.8 16V	[18K4F]		114241	14	105				
		Chas. -YA999999	11.00-	114241	14	105			
		AC 11.00-	114242	14	105				
Freelander 1.8 i 16V	[18K4F]		114241	14	105	02.98- 11.00	113601	12	1.2
		Chas. -YA999999	02.98- 11.00	114241	14	105			
		AC 02.98- 11.00	114242	14	105				
Freelander 2.0 Diesel Di		09.97- 09.03	114386	14	90	02.98- 11.00	113928	12	1.7
Freelander 2.0 TD4	[M47]	11.00-	112472	14	100	11.00-	113965	12	2.0
	[M47]	11.00-	112462	14	120				
		11.00-	113881	14	150				
		11.01-	112462	14	120	11.01-	113965	12	2.0
		11.01-	113881	14	150				
		11.01-	112472	14	100				
Land Rover 2.5		01.87- 07.90	111289	14	70				
		09.85- 01.87	111185	14	43				
Land Rover 2.5 TD	DHMC	09.86- 07.90	111289	14	70	09.86- 07.90	112439	12	2.2
		09.86- 07.90	111366	14	45	09.86- 07.90	110441	12	2.1
Land Rover 3.5 V8		01.80- 01.85	110969	14	65				
		01.93- 12.98	113763	14	85				
LR 109 DP 2.3 Diesel		01.82- 12.86	111185	14	43	09.63- 12.86	110440	12	2.1
		09.63- 12.86	113378	14	45				
		09.63- 12.86	110178	14	36				
LR 109 OL 2.3		09.63- 12.86	110178	14	36				
LR 109 OP 2.3		09.63- 12.86	110178	14	36				
LR 88 DL 2.3 Diesel		01.82- 12.86	111185	14	43				
		09.63- 12.86	110178	14	36				
		09.63- 12.81	113378	14	45				
Range Rover 2.4 Diesel	[11A]	04.86- 12.90	111176	14	75				
Range Rover 2.5 Diesel	[14L]	08.94-	111176	14	75	08.94-	112439	12	2.2
		08.94-	112021	14	100	08.94-	110354	12	3.1
	[256T]	07.94-	112021	14	100	07.94- 09.02	112533	12	2.2
		10.94-	111178	14	70	07.94-	112439	12	2.2
						07.94-	110441	12	2.1
Range Rover 3.0 TD						03.02-	113446	12	2.2
Range Rover 3.5	[31D]	01.87- 09.90	112238	14	65	01.87- 09.90	111865	12	1.7
	[31D]	01.87- 09.90	110891	14	70				
		01.87- 09.90	111362	14	55				
		07.70- 01.76	110179	14	36				
		01.72- 01.79	111184	14	43				
Range Rover 3.5 Vogue	[11D]	08.81- 09.90	111362	14	55	08.81- 09.90	111865	12	1.7
	[24D]	10.85- 09.90	111362	14	55	10.85- 09.90	111865	12	1.7
	[25D]	10.85- 09.90	110891	14	70	10.85- 09.90	111865	12	1.7
	[11D]	08.81- 09.90	110891	14	70				
		08.81- 09.90	112238	14	65				
	[24D]	10.85- 09.90	110891	14	70				
	[25D]	10.85- 09.90	111362	14	55				
Range Rover 3.6 TD8		04.06-	113990	14	150				
Range Rover 3.9	[37D]	11.88- 07.94	112025	14	100	11.88-	111865	12	1.7
	[38D]	11.88- 07.94	112025	14	100	11.88-	111865	12	1.7
	[42D]	07.94-	112025	14	100	07.94-	111865	12	1.7
		07.94- 03.02	114452	14	150				
Range Rover 3.9 Vogue SEI	[35D]	11.88-	112025	14	100	11.88-	111865	12	1.7
	[36D]	11.88-	112025	14	100	11.88-	111865	12	1.7
Range Rover 4.0	[42D]	06.98- 03.02	114452	14	150	06.98-	111865	12	1.7
Range Rover 4.3 Vogue LSE	[40D]					09.92-	111865	12	1.7
Range Rover 4.6	[46D]	07.94- 03.02	114452	14	150	07.94-	111865	12	1.7
<b>PASSENGER CARS US</b>									
Defender 3.9						01.93- 01.95	111865	12	1.7
Discovery 3.9		01.94- 01.95	112025	14	100	01.94- 01.95	111865	12	1.7
Range Rover 3.5						01.87- 01.88	111865	12	1.7
Range Rover 3.9						01.89- 01.94	111865	12	1.7
Range Rover 4.2 LWB						01.93- 01.94	111865	12	1.7
Range Rover 4.4	[M62]	01.03-	112426	14	150				
Range Rover 4.4 HSE		01.05-	112426	14	150				
<b>PASSENGER CARS AO</b>									
90/110 2.3 4x4		06.84- 08.87	111185	14	43				
90/110 2.3 Diesel 4x4		06.84- 08.87	111185	14	43				
90/110 2.5 Diesel Country 4WD		09.86- 08.88	111176	14	75				
		01.86- 01.87	111185	14	43				
Defender 3.5 4WD	[11D]	09.90- 08.93	110891	14	70				
<b>Landini</b>									
<b>AGRICULTURE</b>									
55 2.7	[Perkins]		113474	14	65				
60 2.7	[Perkins]		113474	14	65				
60	[Perkins]		113474	14	65				
65 2.7	[Perkins]		113474	14	65				
65 4.0	[Perkins]		113474	14	65				
70 4.0	[Perkins]		113474	14	65				
75 4.2	[Perkins]		113474	14	65				
80 4.0	[Perkins]		113474	14	65				
80 4.2	[Perkins]		113474	14	65				
80	[Perkins]		113474	14	65				
90 4.0	[Perkins]		113474	14	65				
90 4.2	[Perkins]		113474	14	65				
100 4.0	[Perkins]		113474	14	65				
100 4.0 GT	[Perkins]		113474	14	65				
100 4.2	[Perkins]		113474	14	65				
5860 2.7	[Perkins]		113474	14	65				
Various Models 4.0	[Perkins]		113474	14	65				
Various Models							114107	12	3.2
4.0	[Perkins]		113474	14	65				
	[Perkins]		113474	14	65				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





## LANDINI Continued

INDUSTRY										
Trekker 4.0	[Perkins]		113474	14	65					
Laverda										
AGRICULTURE										
3400		05.89-	111419	28	55					
3500		05.89-	111419	28	55					
3790		06.85-	111686	14	65					
3850		01.91-	111686	14	65					
3900		01.83- 12.85	112097	28	30					
L 521		03.92-	111686	14	65					
L 624		03.92-	111686	14	65					
MX 300		03.87- 10.90	112097	28	30					
LDV										
PASSENGER CARS EU										
200 2.0 Diesel			11.86- 12.98	112238	14	65				
			11.86- 12.98	110770	14	55				
400 2.5 TD							11.95-	111125	12	2.2
Convoy 2.5 TDI	[ET70]						10.98-	112251	12	2.3
Maxus 2.5 CDI	[VM39C]	02.05-	114019	14	110		02.05-	114020	12	2.2
	[VM39C, VM40C]		114019	14	110		02.05-	114020	12	2.2
Sherpa 1.7	[KB17]	10.78- 12.84	111185	14	43					
Sherpa 1.8	[G18A]	01.84- 09.88	111366	14	45					
		01.87- 09.88	112238	14	65					
Sherpa 1.8 Diesel	[KD18]						03.74- 12.82	110444	12	2.1
Sherpa 2.0	[G20A]	01.84- 09.88	111366	14	45					
		01.84- 09.88	112238	14	65					
Sherpa 2.0 Diesel		01.86- 01.89	110770	14	55					
		01.86- 01.89	112238	14	65					
Sherpa 2.6 Diesel	[K25D]	01.82- 01.86	112185							
		01.86- 09.88	112238	14	65					
Sherpa 3.5		01.87-	111176	14	75					
		01.83- 09.88	112238	14	65					
LDV International										
TRUCKS EU										
6.13		01.80-	111569	28	30		08.88- 09.90	111574	12	2.8
Various Models		01.80-	111569	28	30		Maraton CUM 250 01.76-	110721	24	7.1
		01.78- 06.84	110179	14	36					
Lexus										
PASSENGER CARS EU										
GS 300 3.0	[2JZ-GE]						03.93- 08.97	113107	12	1.4
GS 300 3.0 T3	[2JZ-GE]						08.97- 10.00	113107	12	1.4
GS 400 4.0	[1UZ-FE]						01.98- 11.00	113171	12	2.0
IS 2.2 Diesel	[2AD-FTV]						07.10-	114216	12	2.0
IS 220 2.2 Diesel	[2AD-FHV]						10.05-	114216	12	2.0
IS 300 3.0 SportCross	[2JZ-GE]						10.01-	113107	12	1.4
LS 400 4.0	[1UZ-FE]	12.89- 12.94	113085	14	100		01.95- 01.00	113171	12	2.0
		01.93- 12.94	113090	14	100					
RX 300 3.0 V6	[1MZ-FE]						10.00-	112367	12	1.4
RX 350 3.5	[2GR-FE]						02.06-	114342	12	1.2
RX 350 3.5 AWD	[2GR-FE]						04.09-	114342	12	1.2
PASSENGER CARS US										
ES 250 2.5	[2VZ-FE]						01.90- 01.91	111446	12	1.0
							01.90- 01.91	111544	12	1.4
ES 300 3.0	[1MZ-FE]	01.94- 01.01	113081	14	80		01.02- 01.03	113810	12	1.6
							01.94- 01.95	111544	12	1.4
							01.98- 01.01	112367	12	1.4
							01.97- 01.97	113244	12	1.4
							01.92- 01.93	111544	12	1.4
GS 300 3.0	[2JZ-GE]	01.93- 01.97	113089	14	80		01.93- 01.97	113107	12	1.4
GS 400 4.0	[1UZ-FE]						01.98- 01.00	113171	12	2.0
GX 470 4.7	[2UZ-FE]						01.03-	114440	12	1.4
LS 400 4.0	[1UZ-FE]	01.90- 01.94	113085	14	100		01.90- 01.94	113168	12	2.0
		01.93- 01.94	113090	14	100		01.95- 01.00	113171	12	2.0
LX 450 4.5	[1FZ-FE]	01.96- 01.97	113078	14	80		01.96- 01.97	113169	12	2.2
LX 470 4.7	[2UZ-FE]	01.98- 01.01	114433	14	80		01.98- 01.01	114440	12	1.4
RX 300 3.0	[1MZ-FE]						01.99- 01.03	112367	12	1.4
RX 330 3.3	[3MZ-FE]						01.04-	114342	12	1.2
RX330 3.3	[3MZ-FE]						01.06-	114342	12	1.2
SC 300 3.0	[2JZ-GE]	01.95- 01.97	113089	14	80		01.92- 01.94	111681#	12	1.4
							01.95- 01.00	113107	12	1.4
SC 400 4.0	[1UZ-FE]	01.92- 01.94	112181	14	100		01.92- 01.95	113168	12	2.0
							01.95- 01.00	113171	12	2.0
Liebherr										
INDUSTRY										
A902 Litronic	[D904TB]							114438	24	5.4
R 961		04.80- 06.90	110766	28	27					
		04.80- 06.90	113470	28	35					
R 971		04.80- 06.90	110766	28	27					
		03.88- 06.90	113470	28	35					
R 981		03.88- 06.90	113470	28	35					
		05.80- 02.88	110641	14	33					
		05.80- 02.88	110766	28	27					
Various Models 12.0	[D9306T]						06.89-	112499	24	6.6
Various Models 16.0	[D9308TB]						06.89-	112499	24	6.6
Lincoln										
PASSENGER CARS US										
Aviator 4.6		01.03- 01.03	112942	14	130		01.03- 01.05	113813	12	1.4
Blackwood 5.4							01.02- 01.02	112608	12	1.4
Continental 2.4 Turbo		01.84- 01.85	110238	14	70					
		01.84- 01.85	112914	14	100					
Continental 3.8							01.88- 01.90	112966#	12	2.2
		01.88- 01.90	112915#	14	100		01.82- 01.82	112964	12	
Continental 3.8 Executive		01.91- 01.94	112915#	14	100		01.91- 01.94	112586	12	1.4
		01.91- 01.94	112920#	14	130		01.91- 01.94	112584	12	1.4
Continental 3.8 Signature		01.92-	112920#	14	130		01.89- 01.94	112586	12	1.4
		01.88- 01.91	112915#	14	100		01.92-	112584	12	1.4
							01.88- 01.91	112966#	12	2.2
Continental 4.6		01.95- 01.02	112942	14	130		01.95- 01.01	112591	12	1.4
Continental 4.6 Anniversary		01.96- 01.96	112942	14	130					
Continental 4.6 Spinmaker edition		01.96- 01.96	112942	14	130					
Continental 5.0		01.80- 01.87	112914	14	100		01.80- 01.87	112964	12	
		01.80- 01.87	110237	14	60		01.80- 01.80	110225	12	
Continental 5.0 Givenchy		01.87- 01.87	112914	14	100		01.87- 01.87	112964	12	
Continental 5.0 Town car		01.81- 01.81	110237	14	60		01.81- 01.81	112964	12	
		01.81- 01.81	112914	14	100					
Continental 5.8		01.80- 01.80	112914	14	100		01.80- 01.80	110225	12	
		01.80- 01.80	110237	14	60		01.80- 01.80	112964	12	
Continental 6.6		01.77- 01.79	110237	14	60		01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70					
Continental 7.0							01.58- 01.65	110226	12	
							01.68- 01.68	110229	12	
Continental 7.5		01.76- 01.78	110237	14	60		01.68- 01.77	110229	12	
		01.76- 01.78	110238	14	70					
Continental 7.6							01.66- 01.67	110226	12	
							01.68- 01.68	110229	12	
LS 3.0		01.01- 01.01	112914	14	100		01.05-	112609	12	1.4
LS 3.9							01.00- 01.06	112609	12	1.4
		01.01- 01.01	110238	14	70					



LS 3.9 Sport						01.06-	01.06	112609	12	1.4
Mark 2.4 Turbo		01.84-	01.85	110238	14	70				
		01.84-	01.85	112914	14	100				
Mark 4.6		01.95-	01.98	112943	14	130	01.97-	01.98	112646	12 1.4
		01.93-	12.95	113553#	14	120	01.93-	01.94	112592	12 1.4
Mark 4.6 LSC		01.96-	01.98	112943	14	130	01.97-	01.98	112646	12 1.4
		01.95-	12.95	113553#	14	120	01.95-	01.96	112592	12 1.4
Mark 5.0		01.80-	01.87	112914	14	100	01.81-	01.87	112964	12
		01.80-	01.87	110237	14	60	01.90-	01.92	111183	12 1.4
		01.84-	01.87	110238	14	70				
Mark 5.0 BIII Blass		01.87-	01.92	112914	14	100	01.90-	01.92	111183	12 1.4
							01.87-	01.92	112964	12
Mark 5.0 LSC		01.87-	01.92	112914	14	100	01.87-	01.92	112964	12
							01.90-	01.92	111183	12 1.4
Mark 5.8		01.80-	01.80	112914	14	100	01.80-	01.80	110225	12
		01.80-	01.80	110237	14	60	01.80-	01.80	112964	12
Mark 6.6		01.77-	01.79	110237	14	60	01.77-	01.79	110228	12
		01.77-	01.79	110238	14	70				
Mark 7.5		01.72-	01.78	110238	14	70	01.68-	01.78	110229	12
		01.72-	01.78	110237	14	60				
Mark 7.6							01.68-	01.68	110229	12
Navigator 5.4							01.98-	01.98	112646	12 1.4
							01.99-	01.02	112608	12 1.4
Town Car 4.6		01.99-	01.00	112942	14	130				
		01.99-	01.00	112947	14	135				
Town Car 4.6 Anniversary							01.96-	01.96	112646	12 1.4
Town Car 4.6 Cartier		01.98-	01.02	112947	14	135	01.96-	01.02	112646	12 1.4
		01.00-	01.02	112942	14	130	01.92-	01.95	112592	12 1.4
		01.92-	01.95	112927	14	130	01.91-	01.92	113225#	12 1.4
		01.91-	01.95	112921	14	95				
		01.92-	01.95	112962#	14	130				
		01.93-	01.95	112932	14	130				
Town Car 4.6 Executive		01.01-	01.02	112942	14	130	01.96-	01.02	112646	12 1.4
		01.98-	01.02	112947	14	135	01.92-	01.95	112592	12 1.4
		01.92-	01.95	112927	14	130	01.91-	01.92	113225#	12 1.4
		01.91-	01.95	112921	14	95				
		01.92-	01.95	112962#	14	130				
		01.93-	01.95	112932	14	130				
Town Car 4.6 Jack Nicklaus		01.93-	01.93	112927	14	130	01.93-	01.93	112592	12 1.4
		01.93-	01.93	112921	14	95				
		01.93-	01.93	112962#	14	130				
		01.93-	01.93	112932	14	130				
Town Car 4.6 Signature		01.98-	01.02	112947	14	135	01.96-	01.02	112646	12 1.4
		01.00-	01.02	112942	14	130	01.92-	01.95	112592	12 1.4
		01.92-	01.95	112927	14	130	01.91-	01.92	113225#	12 1.4
		01.91-	01.95	112921	14	95				
		01.92-	01.95	112962#	14	130				
		01.93-	01.95	112932	14	130				
Town Car 4.6 Touring Edition							01.97-	01.97	112646	12 1.4
Town Car 4.6 Tournament Edition		01.94-	01.94	112927	14	130	01.94-	01.94	112592	12 1.4
		01.94-	01.94	112962#	14	130				
		01.94-	01.94	112932	14	130				
		01.94-	01.94	112921	14	95				
Town Car 5.0		01.90-	01.90	112835	14	65	01.90-	01.92	111183	12 1.4
		01.90-	01.90	112929#	14	95	01.82-	01.89	112964	12
		01.82-	01.89	110237	14	60				
		01.82-	01.89	112914	14	100				
Town Car 5.0 Cartier		01.87-	01.90	112914	14	100	01.87-	01.90	112964	12
		01.87-	01.90	112835	14	65				
Town Car 5.0 Signature		01.87-	01.90	112914	14	100	01.87-	01.90	112964	12
		01.87-	01.90	112835	14	65				
Town Car 5.0 Signature SE		01.89-	01.89	112914	14	100	01.89-	01.89	112964	12
		01.89-	01.89	112835	14	65				
Versailles 5.0		01.77-	01.80	110237	14	60	01.77-	01.80	110225	12
		01.77-	01.80	110238	14	70				
Versailles 5.8		01.77-	01.77	110237	14	60	01.77-	01.77	110225	12
		01.77-	01.77	110238	14	70				
MISC.										
Various Models									113014	12
Linde										
FORK LIFTS										
H 20 25 30	[F3L913]	11.84-	08.88	110641	14	33				
H 35 40	[F4L 912]	06.81-	08.88	110641	14	33				
H 70	[F6L912]	06.81-	08.88	110641	14	33				
Lister										
MARINE										
Various Models				113713	14	80	01.90-		112269	24 4.0
							01.86-	01.88	112256	24 7.0
							01.69-		112390	12 1.0
							01.69-		112391	12 1.0
									113459	12 2.0
							01.90-	01.94	111024	12 3.6
							01.86-	01.88	112143	
							01.88-		112545	12 1.4
MOTORS										
Various Models				113713	14	80			113010#	24 4.0
Lombardini										
AGRICULTURE										
Various Models 1.7		02.82-	11.86	111662	14	33				
MARINE										
Various Models		06.71-	12.79	111662	14	33				
		07.68-	12.80	110060						
		12.68-	12.80	111504						
MOTORS										
Various Models 0.5	[3LD .]						01.82-	02.92	112034	12 1.7
							03.92-		112171	12 1.1
Various Models 0.5 Diesel	[LDW502]						06.89-		111015	12 1.1
Various Models 0.6 Diesel	[LDW602]						06.89-		111015	12 1.1
Various Models 0.7 Diesel	[8LD740.2]	05.83-		111662	14	33	03.92-		112172	12 1.6
Various Models 0.8 Diesel	[10LD400.2]	01.84-		111662	14	33	05.83-	11.84	112034	12 1.7
Various Models 0.9 Diesel	[12LD435.2]	06.87-		111662	14	33	06.87-		112034	12 1.7
	[LDW903]						06.89-		111015	12 1.1
Various Models 1.1 Diesel	[9LD561.2]	01.84-		111662	14	33	03.92-		112172	12 1.6
Various Models 1.2 Diesel	[LDW1204]						06.89-		111015	12 1.1
Various Models 1.3 Diesel	[5LD675.2]	01.69-	12.90	111662	14	33				
	[9LD625.2]	06.87-		111662	14	33	06.87-		112172	12 1.6
	[LDW1303]						05.93-		114053	12 2.0
Various Models 1.6 Diesel	[11LD535.3]	04.84-		111662	14	33				
	[LDW1503]						06.89-	05.93	110844	12 2.2
							05.93-		114053	12 2.0
Various Models 1.7 Diesel	[5LD825.2]	11.86-		111662	14	33				
Various Models 1.9 Diesel	[11LD625.3]	04.84-		111662	14	33	04.84-		114478	24 3.2
							04.84-		112039	12 2.7
	[11LD626.3]	01.89-		111662	14	33				
Various Models 2.0 Diesel	[5LD675.3]	01.69-	12.90	111662	14	33				
Various Models 2.1 Diesel	[LDW2004]						01.90-	04.96	110844	12 2.2
							01.90-		114053	12 2.0
Various Models 2.5		02.82-	11.86	111662	14	33				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**LOMBARDINI Continued**

Various Models 2.5 Diesel	[SLD825.3]	11.86-	111662	14	33				
Various Models 2.7 Diesel	[SLD825.3T]	01.87-	111662	14	33				
Various Models 2.8 Diesel	[SLD930.3]	04.83-	111662	14	33				
Various Models 3.0 Diesel	[SLD825.4]	11.86-	111662	14	33				
Various Models 3.3		02.82- 11.86	111662	14	33				
Various Models 3.7 Diesel	[SLD930.4]	04.83-	111662	14	33				
Various Models	[6LD..]					01.82- 02.92	112034	12	1.7
						03.92-	112171	12	1.1
Various Models		02.82-	111662	14	33		110637	12	0.4
			113533	14	65		113307	12	1.2
							113737	12	0.2
						12.76- 01.84	113268	12	1.6
							112171	12	1.1
							113706	12	1.1
							111015	12	1.1
							111646	12	0.2
							111645	12	0.4
							114105	12	1.1
							114052	12	1.1

<b>Long</b>									
<b>AGRICULTURE</b>									
350 2.3	[Fiat]					05.74- 12.89	110640	12	3.0
445 2.3	[Fiat]					05.74- 12.89	110640	12	3.0
550 3.1	[Fiat]					05.74- 12.89	110640	12	3.0

<b>Lotus</b>									
<b>PASSENGER CARS US</b>									
Eclat 2.0	[907]	01.76- 01.79	110178	14	36				
		01.76- 01.79	111185	14	43				
Eclat 2.0 Sprint	[907]	01.76-	111185	14	43				
Elan 1.6		01.69- 01.71	110178	14	36	01.69- 01.73	111102	12	0.8
		01.72- 01.73	110179	14	36				
Elan 1.6 2						01.68- 01.73	111102	12	0.8
Elan 1.6 2S		01.69- 01.70	110178	14	36	01.69- 01.70	111102	12	0.8
Elan 1.6 2S 130		01.72- 01.73	110179	14	36	01.72- 01.73	111102	12	0.8
Elan 1.6 S4						01.68- 01.71	111102	12	0.8
Elan 1.6 Sprint		01.71- 01.73	110178	14	36	01.71- 01.73	111102	12	0.8
Elise 1.2						01.61- 01.65	111102	12	0.8
Elise 2.0	[907]	01.76- 01.79	110178	14	36				
Esprit 2.0	[907]	01.76- 01.79	110178	14	36				
		01.76- 01.79	111185	14	43				
Esprit 2.2		01.80- 01.84	111185	14	43				
		01.80- 01.84	110178	14	36				
Esprit 2.2 Turbo	[910]	01.83- 01.84	110178	14	36				
		01.83- 01.84	111185	14	43				
		01.81- 01.82	110178	14	36				
		01.81- 01.82	111185	14	43				
Europa 1.6		01.69- 01.71	110179	14	36				
		01.69- 01.71	110178	14	36				
Europa 1.6 S2		01.69- 01.70	110179	14	36				
		01.69- 01.70	110178	14	36				
Europa 1.6 Special		01.72-	110179	14	36				
Europa 1.6 Twin		01.72-	110179	14	36				
Super Seven 1.1						01.61- 01.61	111102	12	0.8
Super Seven 1.3						01.62- 01.68	111102	12	0.8
Super Seven 1.5						01.62- 01.68	111102	12	0.8

<b>Mack</b>									
<b>TRUCKS US</b>									
Various Models		01.99- 01.07	113004#	14	135	01.99	114416	24	7.5
		01.99- 01.07	113002	14	135	01.00- 01.03	113550	12	
		01.88- 01.99	112996	14	115/130	01.84- 01.07	112089	12	
		01.86- 01.98	112264	14	105	01.00- 01.07	113918	12	
		01.99- 01.07	113579	14	145				
		01.99- 01.07	112824	14	145				
		01.79- 01.94	112262	14	90				
		01.88- 01.99	112995	14	145/160				
		01.99-	112998	14	85				
		01.88- 12.99	113432	14	145/160				
Various Models		01.86- 01.01	112989	14	60		110436	12	
		01.95- 12.99	112996	14	115/130		110409	12	3.0
						01.84- 01.94	112089	12	
						01.00- 01.07	113918	12	

<b>Magirus-Deutz</b>									
<b>TRUCKS EU</b>									
Various Models		01.75- 04.80	110766	28	27				
		Eng.: F10L413F 05.78- 07.82	110117	28	40				

<b>Mahindra</b>									
<b>AGRICULTURE</b>									
Eng.: F10L413F									
Eng.: F10L413F									
Various Models	Tractor		113683	14	36		112163	12	2.0
							113670	12	2.2

<b>MAN</b>									
<b>TRUCKS EU</b>									
6.100 4.6	(G 90)[D0824GF]	09.87- 10.93	112732	28	27	09.87- 10.93	113468	24	4.0
		09.87- 03.92	112779	28	35	09.87- 10.93	111640	24	4.0
		04.92- 10.93	110761	28	35				
	[D0824GF01]	09.87- 10.93	112732	28	27	09.87- 10.93	113468	24	4.0
		09.87- 03.92	112779	28	35	09.87- 10.93	111640	24	4.0
		04.92- 10.93	110761	28	35				
	[D0824GF02]	09.87- 10.93	112732	28	27	09.87- 10.93	113468	24	4.0
		09.87- 03.92	112779	28	35	09.87- 10.93	111640	24	4.0
		04.92- 10.93	110761	28	35				
7.150 4.6	(TGL)[D0834LFL40]					04.05-	114001	24	4.0
	[D0834LFL50]					04.05-	114001	24	4.0
						04.05-	114376	24	4.0
7.180 4.6	(TGL)[D0834LFL41]					04.05-	114001	24	4.0
	[D0834LFL51]					04.05-	114376	24	4.0
						04.05-	114001	24	4.0
						04.05-	114376	24	4.0
7.220 4.6	(TGL)[D0834LFL62]					04.05-	114001	24	4.0
	[D0834LFL65]					04.05-	114001	24	4.0
						04.05-	114376	24	4.0
8.100 4.6	(G 90)[D0824GF]	09.87- 10.93	112732	28	27	09.87- 10.93	113468	24	4.0
		09.87- 03.92	112779	28	35	09.87- 10.93	111640	24	4.0
		04.92- 10.93	110761	28	35				
	[D0824GF01]	09.87- 10.93	112732	28	27	09.87- 10.93	111640	24	4.0
		09.87- 03.92	112779	28	35	09.87- 10.93	113468	24	4.0
		04.92- 10.93	110761	28	35				
	[D0824GF02]	09.87- 10.93	112732	28	27	09.87- 10.93	111640	24	4.0
		09.87- 03.92	112779	28	35	09.87- 10.93	113468	24	4.0
		04.92- 10.93	110761	28	35				
8.103 4.6	(L 2000)[D0824FL01]	10.93- 06.96	110895	28	55	10.93- 06.96	113759	24	4.0
		10.93- 06.96	112159	28	80	10.93- 06.96	112446	24	4.0
		10.93- 06.96	112779	28	35				
		10.93- 06.96	113920	28	35				



8.113 4.6	(L 2000)[D0824LFL04]	08.95-	110895	28	55	08.95-	113468	24	4.0
		08.95-	112159	28	80	08.95-	111640	24	4.0
		08.95- 03.97	113920	28	35	08.95-	113759	24	4.0
[D0824LFL08]	09.00-	110895	28	55	05.00-	112446	24	4.0	
	09.00-	112159	28	80					
	03.97- 09.01	113920	28	35					
8.136 5.7	(G)[D0226MF]	10.79- 08.88	112732	28	27	10.79- 08.88	111640	24	4.0
		10.79- 08.88	112779	28	35	10.79- 08.88	113468	24	4.0
8.145 4.6	(L 2000)[D0834LFL02]	07.01- 08.02	113289	28	90	07.01- 08.02	112446	24	4.0
		07.01- 08.02	113295	28	55	09.00-	113759	24	4.0
8.150 4.6	(L 2000)[D0824LFO]	02.95-	110895	28	55	02.95-	113468	24	4.0
		02.95-	112159	28	80	02.95-	111640	24	4.0
		02.95- 07.98	113920	28	35	02.95-	113759	24	4.0
						05.00-	112446	24	4.0
						04.05-	114001	24	4.0
[D0834LFL50]	04.05-				04.05-	114001	24	4.0	
					04.05-	114376	24	4.0	
8.150 5.7	(G 90)[D0226MF]	05.90- 10.93	112732	28	27	05.90- 10.93	113468	24	4.0
		05.90- 03.92	112779	28	35	05.90- 10.93	111640	24	4.0
		04.92- 10.93	110761	28	35				
8.150 6.9	(G 90)[D0826GF]	09.87- 10.93	112732	28	27	09.87- 05.95	113468	24	4.0
		09.87- 03.92	112779	28	35	09.87- 05.95	113759	24	4.0
		04.92- 10.93	110761	28	35	09.87- 05.95	111640	24	4.0
						09.87- 05.95	112446	24	4.0
						07.88- 10.93	113759	24	4.0
						07.88- 10.93	111640	24	4.0
						07.88- 10.93	113468	24	4.0
						07.88- 10.93	112446	24	4.0
						09.87- 05.95	113468	24	4.0
						09.87- 05.95	111640	24	4.0
						09.87- 05.95	113759	24	4.0
						09.87- 05.95	112446	24	4.0
8.153 4.6	(L 2000)[D0824LFL01]	10.93- 06.96	110895	28	55	10.93- 09.96	112446	24	4.0
		10.93- 06.96	112159	28	80	10.93- 07.97	113759	24	4.0
		10.93- 07.94	112779	28	35	10.93- 07.97	113468	24	4.0
		08.94- 06.96	113920	28	35	10.93- 07.97	111640	24	4.0
						10.93- 07.97	113759	24	4.0
[D0824LFL05]	01.95- 07.97	110895	28	55	01.95- 07.97	112446	24	4.0	
	01.95- 07.97	112159	28	80					
	01.95- 07.97	113920	28	35					
8.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28	55	05.94-	113468	24	4.0
		05.94-	112159	28	80	05.94-	111640	24	4.0
		05.94- 07.94	112779	28	35	05.94-	113759	24	4.0
		08.94- 09.01	113920	28	35	05.94- 01.95	112446	24	4.0
						05.94-	111640	24	4.0
						05.94-	113468	24	4.0
						05.94-	113759	24	4.0
						08.95- 03.97	112446	24	4.0
						08.95- 03.97	113759	24	4.0
						08.95- 03.97	112446	24	4.0
						08.95- 01.00	113468	24	4.0
						08.95- 09.99	111640	24	4.0
						03.97-	113759	24	4.0
						03.97- 01.00	113468	24	4.0
						03.97- 09.02	113920	28	35
8.170 5.7	(G 90)[D0226MCF0/170]	09.85- 10.93	112732	28	27	02.89- 10.93	111640	24	4.0
						02.89- 10.93	113468	24	4.0
		02.89- 10.93	110895	28	55				
				02.89- 10.93	111146	28	55		
				02.89- 03.92	112779	28	35		
				04.92- 10.93	110761	28	35		
8.180 4.6	(TGL)[D0834LFL41]					04.05-	114001	24	4.0
						04.05-	114376	24	4.0
[D0834LFL51]	04.05-				04.05-	114001	24	4.0	
					04.05-	114376	24	4.0	
8.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02	113289	28	90	09.00- 08.02	112446	24	4.0
		09.00- 08.02	113295	28	55	09.00-	113759	24	4.0
8.210 4.6	(TGL)[D0834LFL42]					04.05-	114001	24	4.0
						04.05-	114376	24	4.0
8.220 4.6	(TGL)[D0834LFL65]	04.05-	113998	28	110				
		04.05-	114007	28	80				
8.220 6.9	(L 2000)[D0826LFL03]	04.95-	110895	28	55	04.95-	113468	24	4.0
		04.95-	112159	28	80	04.95-	111640	24	4.0
		04.95- 09.01	113920	28	35	04.95-	113759	24	4.0
8.223 6.9	(L 2000)[D0826LFL02]	10.93- 06.96	110761	28	35	10.93- 06.96	113468	24	4.0
		10.93- 06.96	110895	28	55	10.93- 06.96	113759	24	4.0
		10.93- 06.96	112159	28	80	10.93- 06.96	111640	24	4.0
		10.93- 06.96	113920	28	35				
		05.94- 07.94	112779	28	35				
						10.93- 12.93	110761	28	35
						10.93- 06.96	113920	28	35
				05.94- 06.96	110895	28	55		
				05.94- 06.96	112159	28	80		
				05.94- 07.94	112779	28	35		
				10.93- 06.96	110206	24	5.4		
				05.94- 06.96	111640	24	4.0		
				10.93- 06.96	113468	24	4.0		
				10.93- 06.96	113759	24	4.0		
8.224 6.9	(L 2000)[D0826LFL03]	05.94-	110895	28	55	05.94- 09.99	111640	24	4.0
		05.94-	112159	28	80	05.94- 01.00	113468	24	4.0
		05.94- 07.94	112779	28	35	02.00-	112446	24	4.0
		08.94- 09.01	113920	28	35	05.94-	113759	24	4.0
8.225 6.9	(L 2000)[D0826LFL10]	07.01- 08.02	113289	28	90	07.01- 08.02	112446	24	4.0
		07.01- 08.02	113295	28	55	09.00-	113759	24	4.0
						07.01- 08.02	112446	24	4.0
				07.01- 08.02	113295	28	55		
				09.00-	113759	24	4.0		
8.240 6.9	(TGL)[D0836LFL40]					04.05-	114001	24	4.0
						04.05-	114376	24	4.0
8.250 6.9	(TGL)[D0836LFL63]	04.05-	113998	28	110				
		04.05-	114007	28	80				
9.136 5.7	(G)[D0226MF]	10.79- 08.88	112732	28	27	10.79- 08.88	113468	24	4.0
		02.83- 08.88	112779	28	35	10.79- 08.88	111640	24	4.0
9.145 4.6	(L 2000)[D0834LFL02]	09.00-	111146	28	55	07.01-	112446	24	4.0
		07.01-	113289	28	90	09.00-	113759	24	4.0
		07.01-	113295	28	55	09.00-	113468	24	4.0
9.150 5.7	(G 90)[D0226MF/Silent]	05.90- 10.93	112732	28	27	05.90- 10.93	113468	24	4.0
						05.90- 10.93	111640	24	4.0
9.150 6.9	(G 90)[D0826GF]	09.87- 10.93	112732	28	27	09.87- 10.93	113759	24	4.0
		09.87- 10.93	112779	28	35	09.87- 10.93	111640	24	4.0
		04.92- 10.93	110761	28	35	09.87- 10.93	113468	24	4.0
						09.87- 10.93	112446	24	4.0
						07.88- 10.93	113468	24	4.0
						07.88- 10.93	113759	24	4.0
						07.88- 10.93	111640	24	4.0
						07.88- 10.93	112446	24	4.0
						09.87- 05.95	111640	24	4.0
						09.87- 10.93	113759	24	4.0
						09.87- 05.95	112446	24	4.0
						09.87- 05.95	113468	24	4.0





Application list

MAN Continued

9.153 4.6	(L 2000)[D0824LFL01]	10.93- 12.95	110895	28	55	10.93- 12.95	111640	24	4.0
		10.93- 12.95	112159	28	80	10.93- 06.96	113759	24	4.0
		10.93- 07.94	112779	28	35	10.93- 12.95	113468	24	4.0
		08.94- 12.95	113920	28	35	10.93- 01.95	112446	24	4.0
	[D0824LFL05]	08.95- 06.96	110895	28	55	10.93- 06.96	113759	24	4.0
		08.95- 06.96	112159	28	80	08.95- 06.96	113468	24	4.0
		08.95- 06.96	113920	28	35	08.95- 06.96	111640	24	4.0
						08.95- 06.96	112446	24	4.0
						05.94- 06.96	113759	24	4.0
						05.94- 06.96	113468	24	4.0
9.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28	55	05.94-	113759	24	4.0
		05.94-	112159	28	80	05.94-	113468	24	4.0
		05.94- 07.94	112779	28	35	05.94-	111640	24	4.0
		08.94- 12.95	113920	28	35				
	[D0824LFL06]	05.94-	110895	28	55	05.94-	113468	24	4.0
		05.94-	112159	28	80	05.94-	111640	24	4.0
		05.94- 03.97	113920	28	35	05.94-	113759	24	4.0
	[D0824LFL07]	08.95- 03.97	110895	28	55	08.95- 03.97	112446	24	4.0
		08.95- 03.97	112159	28	80	08.95- 03.97	113759	24	4.0
	[D0824LFL09]	03.97-	110895	28	55	03.97- 01.00	113468	24	4.0
03.97-		112159	28	80	02.00-	112446	24	4.0	
03.97- 09.01		113920	28	35	03.97- 09.99	111640	24	4.0	
9.170 5.7	(G 90)[D0226MFCO/170]	02.89- 10.93	110895	28	55	02.89- 10.93	113468	24	4.0
		02.89- 10.93	111146	28	55	02.89- 10.93	111640	24	4.0
		02.89- 10.93	112732	28	27				
	[D0226MFCO/170]	02.89- 03.92	112779	28	35				
		04.92- 10.93	110761	28	35				
9.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02	113289	28	90	09.00- 08.02	112446	24	4.0
		09.00- 08.02	113295	28	55	09.00-	113759	24	4.0
9.223 6.9	(L 2000)[D0826LFL02]	05.84- 07.94	112779	28	35	10.93- 06.96	111640	24	4.0
		05.94- 06.96	110895	28	55	10.93- 06.96	113759	24	4.0
		05.94- 06.96	112159	28	80	10.93- 06.96	113468	24	4.0
		05.94- 06.96	113920	28	35				
	[D0826LFL06]	05.94- 06.96	110895	28	55	10.93- 06.96	113759	24	4.0
		05.94- 06.96	112159	28	80	05.94- 06.96	111640	24	4.0
		05.94- 07.94	112779	28	35				
		05.94- 06.96	113920	28	35				
9.224 6.9	(L 2000)[D0826LFL03]	05.94- 09.01	110895	28	55	05.94- 09.01	111640	24	4.0
		05.94- 09.01	112159	28	80	02.00- 09.01	112446	24	4.0
		05.94- 07.94	112779	28	35	05.94-	113759	24	4.0
		08.94- 09.01	113920	28	35	05.94- 01.00	113468	24	4.0
9.225 6.9	(L 2000)[D0836LFL02]	07.01- 08.02	113289	28	90	07.01- 08.02	112446	24	4.0
		07.01- 08.02	113295	28	55	05.94-	113759	24	4.0
10.136 5.7	(G)[D0226MF]	09.81- 09.87	112732	28	27	09.81- 09.87	111640	24	4.0
		02.83- 09.87	112779	28	35	09.81- 09.87	113468	24	4.0
10.145 4.6	(L 2000)[D0834LFL02]	09.00-	113289	28	90	09.00-	112446	24	4.0
		09.00-	113295	28	55	09.00-	113759	24	4.0
10.150 4.6	(L 2000)[D0824LFO]	02.95- 01.96	110895	28	55	02.95- 01.96	113479	24	4.0
		02.95- 01.96	112159	28	80	02.95- 01.96	113468	24	4.0
		02.95- 01.96	113920	28	35	02.95- 01.96	111640	24	4.0
						02.95- 01.96	112446	24	4.0
10.150 5.7	(G 90)[D0226MF/Silent]	05.90- 10.93	112732	28	27	05.90- 10.93	111640	24	4.0
		05.90- 03.92	112779	28	35	05.90- 10.93	113468	24	4.0
		04.92- 10.93	110761	28	35				
	[D0826GF01]	09.87- 10.93	112732	28	27	09.87- 10.93	113468	24	4.0
		09.87- 03.92	112779	28	35	09.87- 10.93	111640	24	4.0
		04.92- 10.93	110761	28	35	09.87- 10.93	113759	24	4.0
						09.87- 10.93	112446	24	4.0
						09.87- 10.93	113468	24	4.0
						09.87- 10.93	111640	24	4.0
10.153 4.6	(L 2000)[D0824LFL01]	10.93- 06.96	110895	28	55	10.93- 06.96	113468	24	4.0
		10.93- 06.96	112159	28	80	10.93- 06.96	113759	24	4.0
		10.93- 07.94	112779	28	35	10.93- 06.96	112446	24	4.0
		08.94- 06.96	113920	28	35				
	[D0824LFL05]	10.93- 06.96	110895	28	55	10.93- 06.96	113759	24	4.0
		10.93- 06.96	112159	28	80	10.93- 06.96	111640	24	4.0
		10.93- 06.96	113920	28	35				
10.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28	55	05.94-	113468	24	4.0
		05.94-	112159	28	80	05.94- 01.95	113479	24	4.0
		05.94- 07.94	112779	28	35	05.94-	113759	24	4.0
		05.94- 12.95	113920	28	35	05.94-	111640	24	4.0
	[D0824LFL06]	05.94-	110895	28	55	05.94-	113468	24	4.0
		05.94-	112159	28	80	05.94-	111640	24	4.0
		05.94- 03.97	113920	28	35	05.94-	113759	24	4.0
						01.95-	112446	24	4.0
						03.97- 01.00	113468	24	4.0
						02.00- 09.01	112446	24	4.0
10.180 4.6	(TGL)[D0834LFL41]	04.05-				04.05-	114001	24	4.0
		04.05-				04.05-	114376	24	4.0
	[D0834LFL51]	04.05-				04.05-	114001	24	4.0
		04.05-				04.05-	114376	24	4.0
10.180 6.9	[D0826OH02]	01.88- 05.92	111842	28	140				
10.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02	113289	28	90	09.00- 08.02	112446	24	4.0
		09.00- 08.02	113295	28	55	09.00-	113759	24	4.0
10.210 4.6	(TGL)[D0834LFL42]					04.05-	114001	24	4.0
10.220 4.6	(TGL)[D0834LFL65]	04.05-	113998	28	110	04.05-	114376	24	4.0
		04.05-	114007	28	80				
10.220 6.9	(L 2000)[D0826LFL03]	02.95-	110895	28	55	02.95-	113468	24	4.0
		02.95-	112159	28	80	02.95-	111640	24	4.0
		02.95- 02.01	113920	28	35	02.95-	113759	24	4.0
						05.00-	112446	24	4.0
10.223 6.9	(L 2000)[D0826LFL02]	05.94- 06.96	110895	28	55	10.93- 06.96	113759	24	4.0
		05.94- 06.96	112159	28	80	10.93- 06.96	110206	24	5.4
		05.94- 07.94	112779	28	35				
		08.94- 06.96	113920	28	35				
	[D0826LFL06]	05.94- 06.96	110895	28	55	10.93- 06.96	113468	24	4.0
		05.94- 06.96	112159	28	80	10.93- 06.96	113759	24	4.0
		05.94- 07.94	112779	28	35	05.94- 06.96	111640	24	4.0
		08.94- 06.96	113920	28	35				
10.224 6.9	(L 2000)[D0826LFL03]	05.94-	110895	28	55	05.94- 09.99	111640	24	4.0
		05.94-	112159	28	80	05.94- 01.00	113468	24	4.0
		05.94- 07.94	112779	28	35	05.94-	113759	24	4.0
		08.94- 02.01	113920	28	35	02.00-	112446	24	4.0
10.225 6.9	(L 2000)[D0836LFL02]	09.00- 08.02	113289	28	90	09.00-	113468	24	4.0
		09.00- 08.02	113295	28	55	07.01- 08.02	112446	24	4.0
10.240 6.9	(TGL)[D0836LFL40]	04.05-				04.05-	114001	24	4.0
		04.05-				04.05-	114376	24	4.0
10.250 6.9	(TGL)[D0836LFL63]	04.05-	113998	28	110				
		04.05-	114007	28	80				
11.190 6.9	[D0826LHO06]	03.93- 09.96	111842	28	140				
11.220 6.9	[D0826LHO15]	11.95- 12.00	111842	28	140				



12.152 6.9	(M 90)[D0826F01]	12.88- 05.94 111146 28 55	12.88- 05.94 113468 24 4.0
		12.88- 05.94 112779 28 35	12.88- 05.94 111640 24 4.0
		10.92- 05.94 110895 28 55	
		10.92- 05.94 111141 14 55	12.88- 05.94 113468 24 4.0
12.163 4.6	(M 2000 L)[D0824LFL06]	10.92- 05.94 110895 28 55	12.88- 05.94 111640 24 4.0
		10.92- 05.94 112779 28 35	
		08.95- 08.01 110895 28 55	08.95- 08.01 112446 24 4.0
		08.95- 08.01 112159 28 80	08.95- 113759 24 4.0
12.180 4.6	(TGL)[D0834LFL41]	08.95- 08.01 113920 28 35	08.95- 113468 24 4.0
		08.95- 08.01 110895 28 55	08.95- 08.01 112446 24 4.0
		08.95- 08.01 112159 28 80	08.95- 113759 24 4.0
		08.95- 08.01 113920 28 35	08.95- 113468 24 4.0
12.185 4.6	(L 2000)[D0834LFL03]	04.05- 114001 24 4.0	04.05- 114376 24 4.0
		04.05- 113998 28 110	04.05- 114001 24 4.0
		04.05- 114376 24 4.0	04.05- 114376 24 4.0
		04.05- 114001 24 4.0	04.05- 114376 24 4.0
12.185 4.6	(L 2000)[D0834LFL03]	07.01- 113289 28 90	09.99- 113759 24 4.0
		07.01- 113295 28 55	07.01- 112446 24 4.0
		07.01- 113295 28 55	
		07.01- 113295 28 55	
12.192 6.9	(M 90)[D0826LF01]	04.83- 110116 28 35	07.90- 06.96 113468 24 4.0
		04.83- 111146 28 55	07.90- 06.96 113759 24 4.0
		07.90- 06.96 110895 28 55	07.90- 06.96 111640 24 4.0
		07.90- 06.96 111141 14 55	
		07.90- 06.96 112159 28 80	
		07.90- 04.94 112779 28 35	
	[D0826LF05]	05.94- 06.96 113920 28 35	
		04.83- 110116 28 35	07.90- 06.96 113759 24 4.0
		04.83- 111146 28 55	07.90- 06.96 111640 24 4.0
		07.90- 06.96 110895 28 55	07.90- 06.96 113468 24 4.0
		07.90- 06.96 111141 14 55	
		07.90- 06.96 112159 28 80	
[D0826LF07]	06.92- 04.94 112779 28 35		
	04.83- 110116 28 35	07.90- 06.96 113468 24 4.0	
	04.83- 111146 28 55	07.90- 06.96 113759 24 4.0	
	07.90- 06.96 110895 28 55	07.90- 06.96 111640 24 4.0	
	07.90- 06.96 111141 14 55		
	07.90- 06.96 112159 28 80		
12.210 4.6	(TGL)[D0834LFL42]	05.94- 06.96 112779 28 35	
		05.94- 06.96 113920 28 35	
		04.05- 114001 24 4.0	04.05- 114376 24 4.0
		04.05- 114376 24 4.0	04.05- 114376 24 4.0
12.220 4.6	(TGL)[D0834LFL65]	04.05- 113998 28 110	
12.222 6.9	(M 90)[D0826LF11]	05.94- 06.96 110895 28 55	05.94- 06.96 113468 24 4.0
		05.94- 06.96 111141 14 55	05.94- 06.96 113759 24 4.0
		05.94- 06.96 112159 28 80	05.94- 06.96 111640 24 4.0
		05.94- 06.96 113920 28 35	
12.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01 110895 28 55	08.95- 09.01 111640 24 4.0
		08.95- 09.01 112159 28 80	08.95- 113759 24 4.0
		08.95- 09.01 113920 28 35	08.95- 113468 24 4.0
		08.95- 09.01 110895 28 55	02.00- 09.01 112446 24 4.0
		08.95- 09.01 112159 28 80	08.95- 09.01 111640 24 4.0
		08.95- 09.01 113920 28 35	08.95- 113759 24 4.0
12.225 6.9	(L 2000)[D0836LFL02]	07.01- 113289 28 90	09.99- 113759 24 4.0
		07.01- 113295 28 55	07.01- 112446 24 4.0
		07.01- 113295 28 55	
		07.01- 113295 28 55	
12.232 6.9	(M 90)[D0826LF02]	08.88- 06.96 110895 28 55	08.88- 06.96 111640 24 4.0
		08.88- 06.96 111146 28 55	08.88- 06.96 113468 24 4.0
		08.88- 06.96 112159 28 80	08.88- 06.96 113759 24 4.0
		08.88- 04.94 112779 28 35	
		08.88- 06.96 111141 14 55	
		08.88- 06.96 110895 28 55	
	[D0826LF06]	08.88- 06.96 111146 28 55	08.88- 06.96 111640 24 4.0
		08.88- 06.96 111146 28 55	08.88- 06.96 113468 24 4.0
		08.88- 06.96 112159 28 80	08.88- 06.96 113759 24 4.0
		08.88- 05.94 112779 28 35	
		08.88- 06.96 111141 14 55	
		08.88- 06.96 110895 28 55	
[D0826LF08]	08.88- 06.96 111146 28 55	08.88- 06.96 113468 24 4.0	
	08.88- 06.96 111146 28 55	08.88- 06.96 111640 24 4.0	
	08.88- 06.96 112159 28 80	08.88- 06.96 113759 24 4.0	
	08.88- 07.94 112779 28 35		
	08.88- 06.96 111141 14 55		
	05.94- 06.96 113920 28 35		
12.240 6.9	(TGL)[D0836LFL40]	04.05- 114001 24 4.0	04.05- 114376 24 4.0
		04.05- 113998 28 110	04.05- 114001 24 4.0
		04.05- 114376 24 4.0	04.05- 114376 24 4.0
		04.05- 114001 24 4.0	04.05- 114376 24 4.0
12.250 6.9	(TGL)[D0836LFL63]	04.05- 113998 28 110	
		10.05- 114007 28 80	
		10.05- 114007 28 80	
		10.05- 114007 28 80	
12.262 6.9	(M 90)[D0826LF13]	08.95- 06.96 110895 28 55	08.95- 06.96 113468 24 4.0
		08.95- 06.96 111141 14 55	08.95- 06.96 113759 24 4.0
		08.95- 06.96 112159 28 80	08.95- 06.96 111640 24 4.0
		08.95- 06.96 113920 28 35	
12.272 10.0	(M 90)[D2865LF02]	09.91- 10.92 110761 28 35	09.91- 10.92 110210 24 6.6
		09.91- 10.92 110895 28 55	09.91- 10.92 110206 24 5.4
		09.91- 10.92 112159 28 80	09.91- 10.92 112120 24 6.6
		09.91- 10.92 110550 24 4.0	09.91- 10.92 110550 24 4.0
12.272 6.9	(M 90)[D0826LF04]	09.91- 10.92 111046 24 6.6	09.91- 10.92 113468 24 4.0
		09.91- 10.92 113468 24 4.0	09.91- 10.92 113855 24 5.4
		10.92- 06.96 113468 24 4.0	10.92- 06.96 113468 24 4.0
		10.92- 06.96 111640 24 4.0	10.92- 06.96 113759 24 4.0
12.280 6.9	(TGM)[D0836LFL51]	10.92- 04.94 112779 28 35	
		10.92- 04.94 112779 28 35	
		10.92- 04.94 112779 28 35	
		10.92- 04.94 112779 28 35	
12.290 6.9	(TGM)[D0836LFL64]	10.05- 114007 28 80	
13.220 6.9	[D0826LUH12]	07.98- 09.01 111842 28 140	
13.240 6.9	(TGM)[D0836LFL40]	10.05- 114007 28 80	
		10.05- 114007 28 80	
13.250 6.9	(TGM)[D0836LFL63]	05.06- 114001 24 4.0	05.06- 114001 24 4.0
		05.06- 114001 24 4.0	05.06- 114001 24 4.0
13.280 6.9	(TGM)[D0836LFL41]	05.06- 114001 24 4.0	05.06- 114001 24 4.0
		05.06- 114001 24 4.0	05.06- 114001 24 4.0
13.290 6.9	(TGM)[D0836LFL64]	05.06- 114001 24 4.0	05.06- 114001 24 4.0
		05.06- 114001 24 4.0	05.06- 114001 24 4.0
14.152 4.6	(M 90)[D0824LF01]	05.94- 06.96 110895 28 55	05.94- 06.96 113468 24 4.0
		05.94- 06.96 111141 14 55	05.94- 06.97 112446 24 4.0
		05.94- 06.96 112159 28 80	05.94- 06.96 113759 24 4.0
		05.94- 06.96 112779 28 35	
14.152 6.9	(M 90)[D0826F01]	06.94- 06.96 113920 28 35	
		12.88- 04.94 111146 28 55	12.88- 05.94 111640 24 4.0
		12.88- 03.92 112779 28 35	12.88- 05.94 113468 24 4.0
		12.88- 05.94 110895 28 55	12.88- 05.94 111640 24 4.0
14.162 4.6	(M 90)[D0824LF02]	12.88- 05.94 112779 28 35	12.88- 05.94 113468 24 4.0
		12.88- 05.94 112779 28 35	12.88- 05.94 113468 24 4.0
		12.88- 05.94 112779 28 35	12.88- 05.94 113468 24 4.0
		12.88- 05.94 112779 28 35	12.88- 05.94 113468 24 4.0
14.162 4.6	(M 90)[D0824LF02]	12.11- 04.94 111141 14 55	
		08.95- 06.96 110895 28 55	08.95- 06.96 113468 24 4.0
		08.95- 06.96 111141 14 55	08.95- 06.96 113759 24 4.0
		08.95- 06.96 112159 28 80	
14.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 06.96 113920 28 35	
		08.95- 08.01 110895 28 55	08.95- 08.01 112446 24 4.0
		08.95- 08.01 112159 28 80	08.95- 113759 24 4.0
		08.95- 08.01 113920 28 35	
14.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 08.01 110895 28 55	08.95- 08.01 112446 24 4.0
		08.95- 08.01 112159 28 80	08.95- 113759 24 4.0
		08.95- 08.01 113920 28 35	
		08.95- 08.01 112159 28 80	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAN Continued

14.192 6.6	(M 90)[D0826TF]	04.85- 06.96	110116	28	35	08.88- 06.90	113468	24	4.0	
		08.88- 06.90	111146	28	55	08.88- 06.96	113759	24	4.0	
		08.88- 06.90	112779	28	35	08.88- 06.90	111640	24	4.0	
14.192 6.9	(M 90)[D0826LF01]	07.90- 06.96	110895	28	55	07.90- 06.96	113468	24	4.0	
		07.90- 06.96	111141	14	55	07.90- 06.96	113759	24	4.0	
		07.90- 06.96	112159	28	80					
		07.90- 04.94	112779	28	35					
	[D0826LF05]	07.90- 06.96	110895	28	55	07.90- 06.96	113468	24	4.0	
		07.90- 06.96	111141	14	55	07.90- 06.96	113759	24	4.0	
		07.90- 06.96	112159	28	80					
	[D0826LF07]	06.92- 04.94	112779	28	35					
		07.90- 06.96	110895	28	55	07.90- 06.96	113468	24	4.0	
		07.90- 06.96	111141	14	55	07.90- 06.96	113759	24	4.0	
	14.222 6.9	(M 90)[D0826LF11]	07.90- 06.96	112159	28	80				
			05.94- 06.96	113920	28	35				
05.94- 06.96			110895	28	55	05.94- 06.96	113468	24	4.0	
05.94- 06.96			111141	14	55	05.94- 06.96	113759	24	4.0	
14.224 6.9	(M 2000 L)[D0826LFL03]	05.94- 06.96	112159	28	80					
		05.94- 06.96	113920	28	35					
		08.95- 09.01	110895	28	55	08.95- 09.01	111640	24	4.0	
	[D0826LFL10]	08.95- 09.01	112159	28	80	08.95-	113759	24	4.0	
		08.95- 09.01	110895	28	55	08.95- 09.01	112446	24	4.0	
		08.95- 09.01	112159	28	80	08.95- 09.01	111640	24	4.0	
	(M 2000 M)[D0826LF15]	08.95- 09.01	113920	28	35	08.95-	113759	24	4.0	
		08.95-	110895	28	55	08.95-	113468	24	4.0	
		08.95-	112159	28	80	08.95-	111640	24	4.0	
		08.95- 03.97	113920	28	35	08.95- 12.05	113759	24	4.0	
		08.95-	110895	28	55	02.00-	112446	24	4.0	
		08.95-	112159	28	80	08.95- 01.00	113468	24	4.0	
14.225 6.9	(M 2000 L)[D0836LFL02]	08.95- 09.01	113920	28	35	08.95- 09.09	111640	24	4.0	
		07.01-	113289	28	90	08.95- 12.05	113759	24	4.0	
	(M 2000 M)[D0836LFL04]	07.01-	113295	28	55	09.00- 09.01	111640	24	4.0	
		02.03-	113289	28	90	09.00- 09.06	113759	24	4.0	
14.232 6.9	(M 90)[D0826LF/217/Silent]	02.03-	113295	28	55	02.03-	113468	24	4.0	
		05.90- 04.95	110895	28	55	05.90- 04.95	113468	24	4.0	
		05.90- 04.95	112159	28	80					
	[D0826LF02]	05.90- 03.92	112779	28	35	05.90- 04.95	111640	24	4.0	
		04.92- 04.95	113920	28	35					
		08.88- 06.96	110895	28	55	08.88- 06.96	113468	24	4.0	
	[D0826LF06]	08.88- 06.96	111146	28	55	08.88- 06.96	111640	24	4.0	
		08.88- 06.96	112159	28	80	08.88- 06.96	113759	24	4.0	
		08.88- 10.92	112779	28	35	08.88- 06.96	113468	24	4.0	
	[D0826LF08]	08.88- 06.96	110895	28	55	08.88- 06.96	111640	24	4.0	
		08.88- 06.96	111146	28	55	08.88- 06.96	113759	24	4.0	
		08.88- 06.96	112159	28	80	08.88- 06.96	113468	24	4.0	
08.88- 05.94		112779	28	35	08.88- 06.96	111640	24	4.0		
08.88- 06.96		110895	28	55	08.88- 06.96	113759	24	4.0		
08.88- 06.96		111146	28	55	08.88- 06.96	113468	24	4.0		
14.255 6.9	(M 2000 L)[D0836LFL05]	08.88- 06.96	112159	28	80	08.88- 06.96	111640	24	4.0	
		08.88- 06.96	113920	28	35	08.88- 06.96	113759	24	4.0	
		07.01-	113289	28	90	08.88- 06.96	113468	24	4.0	
14.262 6.9	(M 90)[D0826LF13]	08.94- 06.96	112779	28	35	07.01-	112446	24	4.0	
		08.95- 06.96	110895	28	55	07.01-	113295	28	55	
		08.95- 06.96	111141	14	55	09.00- 09.06	113759	24	4.0	
14.264 6.9	(M 2000 L)[D0826LFL09]	11.02-	113468	24	4.0	11.02-	113468	24	4.0	
		08.95- 09.01	110895	28	55	08.95- 06.96	113468	24	4.0	
		08.95- 09.01	112159	28	80	08.95- 06.96	113759	24	4.0	
	(M 2000 M)[D0826LF17]	08.95- 06.96	113920	28	35	02.00- 09.01	112446	24	4.0	
		08.95- 09.01	110895	28	55	02.00- 09.01	112446	24	4.0	
		08.95- 09.01	112159	28	80	08.95- 09.01	111640	24	4.0	
14.272 10.0	(M 90)[D2865LF02]	08.95- 09.01	113920	28	35	08.95- 09.01	113759	24	4.0	
		09.91- 10.92	110761	28	35	08.95- 12.05	113759	24	4.0	
		09.91- 10.92	110895	28	55	02.00- 09.01	112446	24	4.0	
	14.272 6.9	(M 90)[D0826LF04]	09.91- 10.92	112159	28	80	09.91- 10.92	11046	24	6.6
			10.92- 06.96	110895	28	55	09.91- 10.92	110210	24	6.6
			10.92- 06.96	111141	14	55	09.91- 10.92	112120	24	6.6
	14.284 6.9	(M 2000 L)[D0836LFL01]	09.91- 10.92	110550	24	4.0	09.91- 10.92	110550	24	4.0
			05.94- 06.96	113920	28	35	09.91- 10.92	111046	24	6.6
		(M 2000 M)[D0836LFL01]	10.92- 06.96	110895	28	55	09.91- 10.92	113468	24	4.0
			06.98- 01.01	113289	28	90	09.91- 10.92	113855	24	5.4
	14.285 6.9	(M 2000 L)[D0836LFL03]	10.92- 06.96	111141	14	55	10.92- 06.96	113468	24	4.0
			06.98- 01.01	113295	28	55	10.92- 06.96	113759	24	4.0
06.98- 01.01			113289	28	90	06.98- 01.00	113468	24	4.0	
(M 2000 M)[D0836LFL03]		06.98- 01.01	113295	28	55	06.98-	113759	24	4.0	
		09.00-	113289	28	90	02.00- 09.01	112446	24	4.0	
		09.00-	113295	28	55	06.98- 01.00	113468	24	4.0	
15.163 4.6	(M 2000 L)[D0824LFL06]	06.98- 01.01	113295	28	55	06.98- 12.05	113759	24	4.0	
		08.95- 09.01	110895	28	55	09.00-	112446	24	4.0	
	[D0824LFL09]	07.01- 08.02	113295	28	55	09.02- 09.06	113759	24	4.0	
		08.95- 09.01	112159	28	80	09.99- 12.05	113759	24	4.0	
15.192 9.5	(F 9)[D2565MF]	08.95- 09.01	113920	28	35	07.01- 08.02	112446	24	4.0	
		08.95- 09.01	110895	28	55	08.95- 09.01	112446	24	4.0	
		08.95- 09.01	112159	28	80	08.95- 09.01	113759	24	4.0	
		08.95- 09.01	113920	28	35	08.95- 09.01	113759	24	4.0	
15.224 6.9	(M 2000 L)[D0826LFL03]	01.83- 12.86	110761	28	35	01.83- 12.86	110206	24	5.4	
		08.95- 09.01	110895	28	55	08.95-	113759	24	4.0	
		08.95- 09.01	112159	28	80	08.95- 09.01	111640	24	4.0	
	[D0826LFL10]	08.95- 09.01	113920	28	35	08.95- 09.01	111640	24	4.0	
		08.95- 09.01	110895	28	55	08.95- 09.01	112446	24	4.0	
		08.95- 09.01	112159	28	80	02.00- 09.01	112446	24	4.0	
15.225 6.9	(M 2000 L)[D0836LFL02]	08.95- 09.01	113920	28	35	08.95-	113759	24	4.0	
		09.00- 09.01	110895	28	55	09.00- 09.01	112446	24	4.0	
		09.00- 09.01	112159	28	80	09.00- 09.01	111640	24	4.0	
		09.02-	113289	28	90	09.00- 09.01	111640	24	4.0	
		09.02-	113295	28	55					







MAN Continued

	[D0826LF06]	09.90- 06.96	110895	28	55		09.90- 06.96	113468	24	4.0
		09.90- 06.96	111141	14	55		09.90- 06.96	113759	24	4.0
		09.90- 06.96	112159	28	80					
		06.92- 04.94	112779	28	35					
	[D0826LF08]	09.90- 06.96	110895	28	55		09.90- 06.96	113468	24	4.0
		09.90- 06.96	111141	14	55		09.90- 06.96	113759	24	4.0
		09.90- 06.96	112159	28	80					
		05.94- 06.96	113920	28	35					
18.240 6.9	(TGM)[D0836LFL40]						10.05-	114001	24	4.0
		05.06-	113998	28	110					
	[D0836LFL53]		113998	28	110					
18.250 6.9	(TGM)[D0836LFL63]		113998	28	110					
18.255 6.9	(M 2000 L)[D0836LFL05]	09.02-	113289	28	90		09.99-	113759	24	4.0
		09.02-	113295	28	55		09.02-	112446	24	4.0
18.262 6.9	(M 90)[D0826LF13]	08.95- 06.96	110895	28	55		08.95- 06.96	113468	24	4.0
		08.95- 06.96	111141	14	55		08.95- 06.96	113759	24	4.0
		08.95- 06.96	112159	28	80					
		08.95- 06.96	113920	28	35					
18.264 6.9	(M 2000 L)[D0826LFL09]	08.95- 09.01	110895	28	55		08.95- 09.01	111640	24	4.0
		08.95- 09.01	112159	28	80		02.00- 09.01	112446	24	4.0
		08.95- 09.01	113920	28	35		08.95-	113759	24	4.0
	(M 2000 M)[D0826LF17]	08.95-	110895	28	55		08.95-	111640	24	4.0
		08.95-	112159	28	80		08.95-	113468	24	4.0
		08.95- 09.01	113920	28	35		08.95- 12.05	113759	24	4.0
18.272 10.0	(M 90)[D2866LF02]	09.91- 10.93	110761	28	35		09.91- 05.94	110210	24	6.6
		09.91- 05.94	110895	28	55		09.91- 05.94	110206	24	5.4
		09.91- 05.94	112159	28	80		09.91- 05.94	112120	24	6.6
		11.93- 05.94	113920	28	35		09.91- 05.94	111046	24	6.6
							09.91- 05.94	110550	24	4.0
							09.91- 05.94	113468	24	4.0
							09.91- 05.94	113855	24	5.4
18.272 6.9	(M 90)[D0826LF04]	10.92- 06.96	110895	28	55		10.92- 06.96	113468	24	4.0
		10.92- 06.96	111141	14	55		10.92- 06.96	113759	24	4.0
		10.92- 06.96	112159	28	80					
		10.92- 04.94	112779	28	35					
		05.94- 06.96	113920	28	35					
18.280 6.9	(TGM)[D0836LFL41]	10.05-	114007	28	80		10.05-	114001	24	4.0
	[D0836LFL51]						10.05-	114001	24	4.0
	[D0836LFL54]	10.05-	114007	28	80					
18.284 6.9	(M 2000 L)[D0836LFL01]	06.98- 01.01	113289	28	90		06.98- 01.00	113468	24	4.0
		06.98- 01.01	113295	28	55		02.00- 09.01	112446	24	4.0
							06.98-	113759	24	4.0
	(M 2000 M)[D0836LFL01]	06.98- 01.01	113289	28	90		06.98- 01.00	113468	24	4.0
		06.98- 01.01	113295	28	55		02.00- 09.01	112446	24	4.0
							06.98- 12.05	113759	24	4.0
18.285 6.9	(M 2000 L)[D0836LFL03]	07.01-	113289	28	90					
		07.01-	113295	28	55		09.02-	112446	24	4.0
18.290 6.9	(TGM)[D0836LFL64]	10.05-	113998	28	110					
		10.05-	114007	28	80					
18.310 10.5	(TGA)[D2066LF04]						05.04-	110206	24	5.4
	[D2066LF14]						05.04-	110206	24	5.4
	[D2066LF28]						05.04-	110206	24	5.4
	[D2066LF35]						05.04-	110206	24	5.4
	[D2066LF39]						05.04-	110206	24	5.4
	[D2066LF39]						05.04-	110206	24	5.4
18.310 12.0	(TGA)[D2866LF26]	09.02- 02.05	114008	28	80		04.00-	113855	24	5.4
		03.99-	113289	28	90		02.00-	110206	24	5.4
		03.99-	113295	28	55		04.00-	111046	24	6.6
	[D2866LF36]	03.99-	113289	28	90		04.00-	111046	24	6.6
		03.99-	113295	28	55		02.00-	110206	24	5.4
							04.00-	113855	24	5.4
	[D2866LH24]						03.95- 09.96	110550	24	4.0
18310	[D2866LH25]						09.96- 09.01	110550	24	4.0
18.320 10.5	(TGA)[D2066LF04]						05.04-	110206	24	5.4
	[D2066LF14]						05.04-	110206	24	5.4
	[D2066LF28]						05.04-	110206	24	5.4
	[D2066LF35]						05.04-	110206	24	5.4
	[D2066LF39]						05.04-	110206	24	5.4
	(TGS)[D2066LF28]									
	[D2066LF39]									
18.330 6.9	[D2066LH01]	10.06-	111842	28	140					
	(TGM)[D0836LFL44]	10.05-	114007	28	80		10.05-	114001	24	4.0
	[D0836LFL52]						10.05-	114001	24	4.0
	[D0836LFL55]	10.05-	114007	28	80					
18.340 6.9	(TGM)[D0836LFL65]	10.05-	113998	28	110					
		10.05-	114007	28	80					
18.350 10.5	(TGA)[D2066LF03]						05.04-	110206	24	5.4
	[D2066LF13]						05.04-	110206	24	5.4
	[D2066LF33]						05.04-	110206	24	5.4
18.360 10.5	(TGA)[D2066LF07]	01.06-	113998	28	110					
	[D2066LF27]	01.06-	113998	28	110					
	[D2066LF38]	01.06-	113998	28	110					
	(TGS)[D2066LF27]									
	[D2066LF38]									
	(TGX)[D2066LF27]									
	[D2066LF38]									
18.360 12.0	(TGA)[D2866LF27]	09.02- 03.04	114008	28	80		04.00-	113855	24	5.4
		03.99-	111842	28	140		02.00-	110206	24	5.4
		03.99-	113289	28	90		04.00-	111046	24	6.6
		03.99-	113295	28	55					
	[D2866LF37]	03.99-	113289	28	90		02.00-	110206	24	5.4
		03.99-	113295	28	55		04.00-	111046	24	6.6
							04.00-	113855	24	5.4
18.390 10.5	(TGA)[D2066LF02]									
	[D2066LF12]									
	[D2066LF32]									
18.400 10.5	(TGA)[D2066LF26]	10.05-	114007	28	80					
	[D2066LF37]	10.05-	114007	28	80					
	(TGS)[D2066LF26]									
	[D2066LF37]									
	(TGX)[D2066LF26]									
	[D2066LF37]									
18.410 12.0	(TGA)[D2866LF28]	09.02- 12.05	114008	28	80		04.00-	113855	24	5.4
		03.99-	113289	28	90		02.00-	110206	24	5.4
		03.99-	113295	28	55		04.00-	111046	24	6.6
	[D2866LF32]	03.99-	113289	28	90		02.00-	110206	24	5.4
		03.99-	113295	28	55		04.00-	111046	24	6.6
							04.00-	113855	24	5.4
18.430 10.5	(TGA)[D2066LF01]									
	[D2066LF11]									
	[D2066LF31]									
18.440 10.5	(TGA)[D2066LF25]	09.05-	113998	28	110					
	[D2066LF36]	09.05-	113998	28	110					
	(TGS)[D2066LF25]									
	[D2066LF36]									
	(TGX)[D2066LF25]									
	[D2066LF36]									



18.460 12.8	(TGA)[D2876LF04]	03.99-	113289	28	90	02.00-	110206	24	5.4
		03.99-	113295	28	55	04.00-	111046	24	6.6
	[D2876LF07]	03.99-	113289	28	90	04.00-	113855	24	5.4
		03.99-	113295	28	55	04.00-	110206	24	5.4
18.480 12.4	(TGA)[D2676LF01]								
	[D2676LF05]	01.06-	114007	28	80				
		02.06-	113998	28	110				
	[D2676LF12]	02.06-	113998	28	110				
	[D2676LF14]	01.06-	114007	28	80				
	(TGS)[D2676LF05]								
	[D2676LF14]								
	(TGX)[D2676LF05]								
18.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28	110	09.02-	113855	24	5.4
		09.02-	114008	28	80	10.02-	110206	24	5.4
		07.03-	113289	28	90				
18.510 12.8	(TGA)[D2876LF05]	04.00-	113289	28	90	04.00-	110206	24	5.4
		04.00-	113295	28	55	04.00-	111046	24	6.6
18.530 12.8	(TGA)[D2876LF13]	09.02-	113998	28	110	09.02-	113855	24	5.4
		09.02-	114008	28	80	09.02-	110206	24	5.4
		10.02-	113289	28	90				
18.540 12.4	(TGA)[D2676LF13]	08.06-	113998	28	110				
	(TGS)[D2676LF13]								
	(TGX)[D2676LF13]								
	(TGA)[D2868LF02]								
18.680 16.2	[D2868LF03]								
19.233 12.0	(F 2000)[E2866DF01]	09.96-	110895	28	55	09.96-	110206	24	5.4
		09.96-	112159	28	80				
19.242 12.0	(F 90)[D2866F/240]	01.88-	110761	28	35	01.88-	110206	24	5.4
		01.88-	110895	28	55	01.88-	11046	24	6.6
						01.88-	113855	24	5.4
19.262 10.0	(F 90)[D2865LF/260]	01.88-	110761	28	35	01.88-	110210	24	6.6
		01.88-	110895	28	55	01.88-	110206	24	5.4
		01.88-	112159	28	80	01.88-	112120	24	6.6
						01.88-	110550	24	4.0
						01.88-	11046	24	6.6
						01.88-	113855	24	5.4
19.272 10.0	(F 90)[D2865LF02]	02.90-	110761	28	35	02.90-	112120	24	6.6
		02.90-	110895	28	55	02.90-	110210	24	6.6
		02.90-	112159	28	80	02.90-	110206	24	5.4
						02.90-	110550	24	4.0
						02.90-	11046	24	6.6
	[D2865LF05]	02.90-	110761	28	35	02.90-	113855	24	5.4
		02.90-	110895	28	55	02.90-	110210	24	6.6
		02.90-	112159	28	80	02.90-	110206	24	5.4
		02.90-	113920	28	35	02.90-	112120	24	6.6
						02.90-	11046	24	6.6
19.273 10.0	(F 2000)[D2865LF22]	01.94-	110895	28	55	01.94-	110550	24	4.0
		01.94-	112159	28	80	01.94-	11046	24	6.6
		01.94-	113920	28	35	01.94-	113855	24	5.4
19.292 12.0	(F 90)[D2866LF/290]	07.86-	110761	28	35	07.86-	11046	24	6.6
		07.86-	110895	28	55	07.86-	113855	24	5.4
		07.86-	112159	28	80	07.86-	110206	24	5.4
19.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28	55	01.94-	110206	24	5.4
		01.94-	112159	28	80	01.94-	112120	24	6.6
		01.94-	113920	28	35	01.94-	110210	24	6.6
						01.94-	110550	24	4.0
	[D2865LF24]	04.95-	110895	28	55	04.95-	11046	24	6.6
		04.95-	112159	28	80	04.95-	110206	24	5.4
		04.95-	113920	28	35	04.95-	11046	24	6.6
19.310 12.0	(E2000 Evolution)[D2866LF23]					05.00-	110206	24	5.4
19.314 12.0	(F 2000)[D2866LF34]	06.98-	110895	28	55	06.98-	110206	24	5.4
		06.98-	113289	28	90				
		06.98-	113295	28	55				
		06.98-	113920	28	35				
		05.01-	110895	28	55				
19.322 10.0	(F 90)[D2865LF03]	02.90-	110761	28	35	02.90-	110210	24	6.6
		02.90-	110895	28	55	02.90-	11046	24	6.6
		02.90-	112159	28	80	02.90-	112120	24	6.6
						02.90-	110206	24	5.4
	[D2865LF06]	02.90-	110761	28	35	02.90-	110550	24	4.0
		02.90-	110895	28	55	02.90-	113855	24	5.4
		02.90-	113920	28	35	02.90-	11046	24	6.6
19.322 10.0 Unterflur	(F 90)[D2865LF03]	02.90-	110895	28	55	02.90-	111046	24	6.6
		02.90-	112159	28	80	02.90-	110206	24	5.4
		02.90-	113920	28	35	02.90-	110210	24	6.6
	[D2865LF06]	02.90-	110895	28	55	02.90-	11046	24	6.6
		02.90-	112159	28	80	02.90-	110206	24	5.4
		02.90-	113920	28	35	02.90-	110550	24	4.0
						02.90-	113855	24	5.4
19.323 10.0	(F 2000)[D2865LF23]	01.94-	110895	28	55	01.94-	11046	24	6.6
		01.94-	112159	28	80	01.94-	110206	24	5.4
		01.94-	113920	28	35	01.94-	110550	24	4.0
						01.94-	113855	24	5.4
19.332 12.0	(F 90)[D2866LF/330]	07.86-	110761	28	35	07.86-	11046	24	6.6
		07.86-	110895	28	55	07.86-	113855	24	5.4
		07.86-	112159	28	80	07.86-	110206	24	5.4
19.332 12.0 Unterflur	(F 90)[D2866LUL/330]	07.86-	110895	28	55	07.86-	11046	24	6.6
						07.86-	110206	24	5.4
19.342 10.0	(F 90)[D2865LF09]	05.94-	110895	28	55	05.94-	11046	24	6.6
		05.94-	112159	28	80	05.94-	110206	24	5.4
		05.94-	113920	28	35	05.94-	110550	24	4.0
19.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28	55	01.94-	11046	24	6.6
		01.94-	112159	28	80	01.94-	110206	24	5.4
		01.94-	113920	28	35	01.94-	110550	24	4.0
						01.94-	113855	24	5.4
19.360 10.5	(TGS)[D2066LF07]	02.11-	113998	28	110	02.11-	114031	24	5.5
		02.11-	114007	28	80				
	[D2066LF48]	02.11-	113998	28	110	02.11-	114031	24	5.5
		02.11-	114007	28	80				
[D2066LF64]	02.11-	113998	28	110	02.11-	114031	24	5.5	
	02.11-	114007	28	80					
19.360 12.0	(E2000 Evolution)[D2866LF24]					05.00-	110206	24	5.4
19.362 12.0	(F 90)[D2866KF]	07.86-	110761	28	35	07.86-	11046	24	6.6
		07.86-	110895	28	55	07.86-	110206	24	5.4
		07.86-	112159	28	80	07.86-	11046	24	6.6
		07.86-	110761	28	35	07.86-	11046	24	6.6
		07.86-	110895	28	55	07.86-	113855	24	5.4
[D2866LXF]	07.86-	112159	28	80	07.86-	110206	24	5.4	



Application list

MAN Continued

19.362 12.0 Unterflur	(F 90)[D2866KUL]	07.86-01.91 Eng. 4912001-07.86-01.91 Eng. -4912000-07.86-01.91	110895 112779 110761	28 28 28	55 35 35	07.86-01.91	110206	24	5.4
19.364 12.0	(F 2000)[D2866LF35]	06.98-12.01 06.98-01.01 06.98-01.01 06.98-12.01	110895 113289 113295 113920	28 28 28 28	55 90 55 35	06.98-12.01	110206	24	5.4
19.372 12.0	(F 90)[D2866LF03]	02.90-10.93 02.90-05.95 02.90-06.96	110761 110895 112159	28 28 28	35 55 80	02.90-05.95	111046	24	6.6
						02.90-09.92	110206	24	5.4
						02.90-06.96	111134		
						02.90-06.96	111698		
						02.90-05.95	112120	24	6.6
						02.90-05.95	113855	24	5.4
	[D2866LF05]	02.90-05.95 02.90-05.95 02.90-06.96 09.93-06.96	110761 110895 112159 113920	28 28 28 28	35 55 80 35	02.90-11.92 02.90-05.95	110206 113855	24 24	5.4 5.4
						02.90-05.95	111046	24	6.6
						02.90-06.96	111134		
						02.90-06.96	111698		
	[D2866LF15]	02.90-05.95 02.90-05.95 02.90-06.96 09.93-06.96	110761 110895 112159 113920	28 28 28 28	35 55 80 35	02.90-05.95 02.90-05.95	111046 113855	24 24	6.6 5.4
						02.90-12.94	110206	24	5.4
						02.90-06.96	111134		
						02.90-06.96	111698		
	[D2866LXF/Silent]	05.90-04.95 05.90-04.95	110761 110895	28 28	35 55	05.90-11.90 05.90-04.95	110206 110466	24 24	5.4 6.6
						05.90-04.95	113855	24	5.4
19.372 12.0 Unterflur	(F 90)[D2866LF03]	02.90-05.94 02.90-05.94 02.90-05.94	110895 112159 113920	28 28 28	55 80 35	02.90-05.94	110206	24	5.4
						02.90-05.94	110210	24	6.6
						02.90-05.94	111046	24	6.6
						02.90-05.94	113855	24	5.4
	[D2866LF05]	02.90-05.94 02.90-05.94 02.90-05.94	110895 112159 113920	28 28 28	55 80 35	02.90-11.92 02.90-05.94	110206 110466	24 24	5.4 6.6
						02.90-05.94	111046	24	6.6
						02.90-05.94	113855	24	5.4
19.373 12.0	(F 2000)[D2866LF21]	01.94-12.95 01.94-12.95 01.94-12.95	110895 112159 113920	28 28 28	55 80 35	01.94-12.95	110206	24	5.4
						01.94-12.95	113855	24	5.4
						01.94-12.95	111046	24	6.6
19.400 10.5	(TGS)[D2066LF06]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
	[D2066LF49]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
	[D2066LF63]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
19.402 12.0	(F 90)[D2866LF16]	05.94-05.95 05.94-05.95 05.94-06.96 05.94-06.96	110761 110895 112159 113920	28 28 28 28	35 55 80 35	05.94-05.95 05.94-06.96	113855 111062	24 24	5.4 5.4
						05.94-06.96	110206	24	5.4
						05.94-05.95	111046	24	6.6
19.403 12.0	(F 2000)[D2866LF20]	01.94- 01.94- 01.94- 01.94-	110895 112159 113289 113295	28 28 28 28	55 80 90 55	01.94- 01.94- 01.94- 01.94-	110206 111046 113855	24 24 24	5.4 6.6 5.4
19.410 12.0	(E2000 Evolution)[D2866LF25]					05.00-	110206	24	5.4
19.414 12.0	(F 2000)[D2866LF31]	06.98-12.01 06.98-01.01 06.98-01.01 06.98-12.01	110895 113289 113295 113920	28 28 28 28	55 90 55 35	06.98-12.01	110206	24	5.4
19.422 12.0	(F 90)[D2866LF06]	02.90-08.93 02.90-10.92 02.90-06.96	110761 110895 112159	28 28 28	35 55 80	02.90-06.96 02.90-05.95	110206 111046	24 24	5.4 6.6
						02.90-05.95	113855	24	5.4
	[D2866LF09]	02.90-06.96 02.90-05.95 02.90-06.96 02.90-06.96 09.93-06.96	110761 110895 112159 113920	28 28 28 28	35 55 80 35	02.90-06.96 02.90-06.96 02.90-05.95 02.90-05.95	110206 111062 111046 113855	24 24 24	5.4 5.4 6.6 5.4
						02.90-05.95	113855	24	5.4
						02.90-11.92	110206	24	5.4
						02.90-05.95	110210	24	6.6
						02.90-05.95	110466	24	6.6
19.422 12.0 Unterflur	(F 90)[D2866LF06]	02.90-05.94 02.90-05.94 02.90-05.94 02.90-05.94	110895 112159 113920	28 28 28	55 80 35	02.90-11.90 02.90-05.94	110206 111046	24 24	5.4 6.6
						02.90-05.94	113855	24	5.4
	[D2866LF09]	02.90-05.94 02.90-05.94 02.90-05.94	110761 110895 112159	28 28 28	35 55 80	02.90-05.94 02.90-05.94 02.90-11.92	111046 113855 110206	24 24	6.6 5.4 5.4
19.423 12.0	(F 2000)[D2866LF22]	01.94-12.95 01.94-12.95 01.94-12.95 01.94-12.95 01.94-12.95	110895 112159 113289 113295 113920	28 28 28 28 28	55 80 90 55 35	01.94-12.95 01.94-12.95 01.94-12.95 01.94-12.95	110206 111046 113855	24 24	5.4 6.6 5.4
19.440 10.5	(TGS)[D2066LF50]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
	[D2066LF62]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
19.440 12.4	(TGS)[D2676LF04]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
19.460 12.8	(E2000 Evolution)[D2876LF03]					05.00-			
19.462 18.3	(F 90)[D2840LF/460]	05.87-02.90 05.87-02.90 05.87-02.90	110761 110895 112159	28 28 28	35 55 80	05.87-02.90 05.87-02.90 05.87-02.90	110210 111046 112120	24 24 24	6.6 6.6 6.6
						05.87-02.90	110550	24	4.0
						05.87-02.90	113855	24	5.4
19.463 12.8	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94-	110895 112159 113289 113295	28 28 28 28	55 80 90 55	01.94- 01.94- 01.94- 01.94-	110206 111046 113855	24 24	5.4 6.6 5.4
19.464 12.8	(F 2000)[D2876LF06]	06.98-07.01 06.98-01.01 06.98-01.01 06.98-07.01	110895 113289 113295 113920	28 28 28 28	55 90 55 35	06.98-09.01	110206	24	5.4
19.480 12.4	(TGS)[D2676LF02]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
	[D2676LF03]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
	[D2676LF20]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
	[D2676LF31]	02.11- 02.11-	113998 114007	28 28	110 80	02.11-	114031	24	5.5
19.480 12.8	(TGA)[D2876LF25]					05.04-			
19.502 18.3	(F 90)[D2840LF01]	02.90-06.96 02.90-06.96 02.90-06.96 02.90-06.96	110761 110895 112159 113920	28 28 28 28	35 55 80 35	02.90-06.96 02.90-06.96 02.90-06.96	110550 110210 111046	24 24	4.0 6.6 6.6
						02.90-06.96	111046	24	6.6
	[D2840LF04]	02.90-06.96 02.90-06.96 02.90-06.96 02.90-06.96	110761 110895 112159 113920	28 28 28 28	35 55 80 35	02.90-06.96 02.90-06.96 02.90-06.96	111046 110550 110210	24 24	6.6 4.0 6.6
						02.90-06.96	111046	24	6.6
	[D2840LF06]	02.90-06.96 02.90-06.96 02.90-06.96 02.90-06.96	110761 110895 112159 113920	28 28 28 28	35 55 80 35	02.90-06.96 02.90-06.96	111046 110210	24 24	6.6 6.6







Application list

MAN Continued

	[D2865LF06]	02.90-05.95	110895	28	55	02.90-05.95	112120	24	6.6	
		02.90-05.95	112159	28	80	02.90-05.95	110206	24	5.4	
		02.90-05.95	113920	28	35	02.90-05.95	110210	24	6.6	
						02.90-05.95	110550	24	4.0	
						02.90-05.95	111046	24	6.6	
						02.90-05.95	113855	24	5.4	
24.322	10.0 Unterflur	(F 90)[D2865LF03]	02.90-12.90	110761	28	35	02.90-12.90	112120	24	6.6
			02.90-12.90	110895	28	55	02.90-12.90	110210	24	6.6
			02.90-12.90	112159	28	80	02.90-12.90	110206	24	5.4
							02.90-12.90	111046	24	6.6
							02.90-12.90	113855	24	5.4
24.323	10.0	(F 2000)[D2865LF23]	01.94-12.95	110895	28	55	01.94-12.95	110206	24	5.4
			01.94-12.95	112159	28	80	01.94-12.95	111046	24	6.6
			01.94-12.95	113920	28	35	01.94-12.95	113855	24	5.4
24.332	12.0	(F 90)[D2866LF/330]	10.86-02.90	110761	28	35	10.86-02.90	113855	24	5.4
			10.86-02.90	110895	28	55	10.86-02.90	110206	24	5.4
			10.86-02.90	112159	28	80	10.86-02.90	111046	24	6.6
24.332	12.0 Unterflur	(F 90)[D2866LUL/330]	10.86-02.90	110895	28	55	10.86-02.90	110206	24	5.4
24.342	10.0	(F 90)[D2865LF09]	05.94-05.95	110895	28	55	05.94-05.95	112120	24	6.6
			05.94-05.95	112159	28	80	05.94-05.95	110206	24	5.4
			05.94-05.95	113920	28	35	05.94-05.95	110210	24	6.6
							05.94-05.95	110550	24	4.0
							05.94-05.95	111046	24	6.6
							05.94-05.95	113855	24	5.4
24.343	10.0	(F 2000)[D2865LF21]	01.94-	110895	28	55	01.94-	111046	24	6.6
			01.94-	112159	28	80	01.94-	113855	24	5.4
			01.94-01.00	113920	28	35	01.94-	110206	24	5.4
24.350	10.5	(TGA)[D2066LF03]								
		[D2066LF13]								
		[D2066LF33]								
24.360	10.5	(TGA)[D2066LF03]								
		[D2066LF13]								
		[D2066LF33]								
		(TGS)[D2066LF27]								
		[D2066LF38]								
		(TGX)[D2066LF27]								
		[D2066LF38]								
24.360	12.0	(TGA)[D2866LF27]	11.02-	113289	28	90	11.02-	110206	24	5.4
			11.02-	113295	28	55				
			11.02-05.04	114008	28	80				
24.362	12.0	(F 90)[D2866KF]	10.86-02.90	110761	28	35	10.86-02.90	110206	24	5.4
			10.86-02.90	110895	28	55	10.86-02.90	113855	24	5.4
			10.86-02.90	112159	28	80	10.86-02.90	111046	24	6.6
		[D2866LXF]	10.86-02.90	110761	28	35	10.86-02.90	113855	24	5.4
			10.86-02.90	110895	28	55	10.86-02.90	110206	24	5.4
			10.86-02.90	112159	28	80	10.86-02.90	111046	24	6.6
24.362	12.0 Unterflur	(F 90)[D2866KUL]	10.86-02.90	110895	28	55	10.86-02.90	110206	24	5.4
			Eng. 4912001-10.86-02.90	112779	28	35				
			Eng. -4912000-10.86-02.90	110761	28	35				
24.364	12.0	(F 2000)	05.01-	110895	28	55				
24.372	12.0	(F 90)[D2866LF03]	02.90-10.92	110761	28	35	02.90-05.95	113855	24	5.4
			02.90-10.92	110895	28	55	02.90-05.95	110206	24	5.4
			02.90-10.92	112159	28	80	02.90-05.95	111046	24	6.6
		[D2866LF15]	02.90-05.95	110761	28	35	02.90-05.95	113855	24	5.4
			02.90-05.95	110895	28	55	02.90-12.94	110206	24	5.4
			02.90-05.95	112159	28	80	02.90-05.95	111046	24	6.6
		[D2866LXF/Silent]	05.90-12.90	110761	28	35	05.90-12.90	111046	24	6.6
			05.90-12.90	110895	28	55	05.90-12.90	113855	24	5.4
			05.90-12.90	112159	28	80	05.90-12.90	110206	24	5.4
24.372	12.0 Unterflur	(F 90)[D2866LF03]	02.90-12.90	110761	28	35	02.90-12.90	110206	24	5.4
			02.90-12.90	110895	28	55	02.90-12.90	113855	24	5.4
			02.90-12.90	112159	28	80	02.90-12.90	111046	24	6.6
		[D2866LF15]	02.90-05.95	110761	28	35	02.90-10.94	110206	24	5.4
			02.90-05.95	110895	28	55	02.90-05.95	113855	24	5.4
			02.90-05.95	112159	28	80	02.90-05.95	111046	24	6.6
24.373	12.0	(F 2000)[D2866LF21]	01.94-12.95	110895	28	55	01.94-12.95	111046	24	6.6
			01.94-12.95	112159	28	80	01.94-12.95	113855	24	5.4
			01.94-12.95	113920	28	35	01.94-12.95	110206	24	5.4
24.390	10.5	(TGA)[D2066LF02]								
		[D2066LF12]								
		[D2066LF32]								
24.400	10.5	(TGA)[D2066LF02]								
		[D2066LF12]								
		[D2066LF32]								
		(TGS)[D2066LF26]								
		[D2066LF37]								
		(TGX)[D2066LF26]								
		[D2066LF37]								
24.402	12.0	(F 90)[D2866LF16]	05.94-05.95	110761	28	35	05.94-05.95	111046	24	6.6
			05.94-05.95	110895	28	55	05.94-05.95	113855	24	5.4
			05.94-05.95	112159	28	80	05.94-12.94	110206	24	5.4
24.403	12.0	(F 2000)[D2866LF20]	01.94-	110895	28	55	01.94-	111046	24	6.6
			01.94-	112159	28	80	01.94-	110206	24	5.4
			01.94-	113289	28	90	01.94-	113855	24	5.4
			01.94-	113295	28	55				
			01.94-09.01	113920	28	35				
24.410	12.0	(TGA)[D2866LF28]	11.02-	113289	28	90	11.02-	110206	24	5.4
			11.02-	113295	28	55				
24.414	12.0	(F 2000)	05.01-	110895	28	55				
24.422	12.0	(F 90)[D2866LF06]	02.90-12.90	110761	28	35	02.90-12.90	110206	24	5.4
			02.90-12.90	110895	28	55	02.90-05.95	111046	24	6.6
			02.90-12.90	112159	28	80	02.90-05.95	113855	24	5.4
		[D2866LF09]	02.90-05.95	110761	28	35	02.90-05.95	113855	24	5.4
			02.90-05.95	110895	28	55	02.90-12.94	110206	24	5.4
			02.90-05.95	112159	28	80	02.90-05.95	111046	24	6.6
24.422	12.0 Unterflur	(F 90)[D2866LF06]	02.90-12.90	110761	28	35	02.90-12.90	113855	24	5.4
			02.90-12.90	110895	28	55	02.90-12.90	110206	24	5.4
			02.90-12.90	112159	28	80	02.90-12.90	111046	24	6.6
24.423	12.0	(F 2000)[D2866LF22]	01.94-12.95	110895	28	55	01.94-12.95	111046	24	6.6
			01.94-12.95	112159	28	80	01.94-12.95	110206	24	5.4
			01.94-12.95	113289	28	90	01.94-12.95	113855	24	5.4
			01.94-12.95	113295	28	55				
			01.94-12.95	113920	28	35				
24.430	10.5	(TGA)[D2066LF01]								
		[D2066LF11]								
		[D2066LF23]								
		[D2066LF31]								
24.440	10.5	(TGA)[D2066LF01]								
		[D2066LF11]								
		[D2066LF23]								
		[D2066LF31]								
		(TGS)[D2066LF25]								
		[D2066LF36]								
		(TGX)[D2066LF25]								
		[D2066LF36]								
24.460	12.8	(TGA)[D2876LF04]	11.02-	113289	28	90	11.02-	110206	24	5.4
			11.02-	113295	28	55				
24.462	18.3	(F 90)[D2840LF/460]	05.87-02.90	110761	28	35	05.87-02.90	110210	24	6.6
			05.87-02.90	110895	28	55	05.87-02.			



24.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28	55	01.94-	11046	24	6.6
		01.94-	112159	28	80	01.94-	110206	24	5.4
		01.94-	113289	28	90	01.94-	113855	24	5.4
		01.94-	113295	28	55				
24.464 12.8	(F 2000)	05.01-	110895	28	55				
24.480 12.4	(TGA)[D2676LF01]	[D2676LF12]							
		[TGS][D2676LF05]							
		[D2676LF14]							
		[TGX][D2676LF05]							
		[D2676LF14]							
24.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28	110	06.03-	110206	24	5.4
		09.02- 09.06	114008	28	80				
24.502 18.3	(F 90)[D2840LF01]	02.90- 12.90	110895	28	55	02.90- 12.90	110210	24	6.6
		02.90- 12.90	112159	28	80	02.90- 12.90	112120	24	6.6
		02.90- 12.90	113920	28	35	02.90- 12.90	111046	24	6.6
						02.90- 12.90	110550	24	4.0
						02.90- 12.90	113855	24	5.4
24.510 12.8	(TGA)[D2876LF05]	11.02- 06.03	113289	28	90	11.02- 06.03	110206	24	5.4
		11.02- 06.03	113295	28	55				
24.530 12.8	(TGA)[D2876LF13]	09.01-	113998	28	110	09.01-	113855	24	5.4
		12.02- 09.06	114008	28	80	12.02-	110206	24	5.4
24.540 12.4	(TGA)[D2676LF11]	[TGS][D2676LF13]							
		[TGX][D2676LF13]							
25.224 6.9	(M 2000 M)[D0826LF15]	08.95-	110895	28	55	08.95- 12.05	113759	24	4.0
		08.95-	112159	28	80	08.95-	113468	24	4.0
		08.95-	113289	28	90	08.95-	111640	24	4.0
		08.95-	113295	28	55				
		08.95- 03.97	113920	28	35				
		[D0826LF18]							
		08.95-	110895	28	55	08.95- 01.00	113468	24	4.0
		08.95-	112159	28	80	08.95- 09.99	111640	24	4.0
		08.95-	113289	28	90	02.00-	112446	24	4.0
		08.95-	113295	28	55	08.95- 12.05	113759	24	4.0
		08.95- 03.97	113920	28	35				
25.264 6.9	(M 2000 M)[D0826LF17]	08.95-	110895	28	55	08.95- 12.05	113759	24	4.0
		08.95-	112159	28	80	08.95-	113468	24	4.0
		08.95-	113289	28	90	08.95-	111640	24	4.0
		08.95-	113295	28	55				
		08.95- 09.01	113920	28	35				
25.272 10.0	(F 90)[D2865LF02]	09.90- 10.93	110761	28	35	09.90- 10.93	110206	24	5.4
		09.90- 10.93	110895	28	55	09.90- 10.93	110210	24	6.6
		09.90- 10.93	112159	28	80	09.90- 10.93	112120	24	6.6
						09.90- 10.93	110550	24	4.0
						09.90- 10.93	111046	24	6.6
						09.90- 10.93	113855	24	5.4
		[D2865LF05]							
		09.90- 10.93	110761	28	35	09.90- 10.93	112120	24	6.6
		09.90- 10.93	110895	28	55	09.90- 10.93	110210	24	6.6
		09.90- 10.93	112159	28	80	09.90- 10.93	110206	24	5.4
				09.90- 10.93	110550	24	4.0		
				09.90- 10.93	111046	24	6.6		
				09.90- 10.93	113855	24	5.4		
25.285 6.9	(M 2000 M)[D0836LF03]	02.03-	113289	28	90	02.03-	113468	24	4.0
		02.03-	113295	28	55	02.03-	113759	24	4.0
25.302 12.0	(F 90)[D2866LF04]	09.90- 12.91	110761	28	35	09.90- 11.90	110206	24	5.4
		09.90- 12.91	110895	28	55	09.90- 12.91	111046	24	6.6
		09.90- 12.91	112159	28	80	09.90- 12.91	113855	24	5.4
25.322 10.0	(F 90)[D2865LF03]	09.90- 12.92	110761	28	35	09.90- 12.92	110206	24	5.4
		09.90- 12.92	110895	28	55	09.90- 12.92	112120	24	6.6
		09.90- 12.92	112159	28	80	09.90- 12.92	110210	24	6.6
						09.90- 12.92	110550	24	4.0
						09.90- 12.92	111046	24	6.6
						09.90- 12.92	113855	24	5.4
		[D2865LF06]							
		09.90- 12.92	110761	28	35	09.90- 12.92	110206	24	5.4
		09.90- 12.92	110895	28	55	09.90- 12.92	112120	24	6.6
		09.90- 12.92	112159	28	80	09.90- 12.92	110210	24	6.6
				09.90- 12.92	110550	24	4.0		
				09.90- 12.92	111046	24	6.6		
				09.90- 12.92	113855	24	5.4		
25.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 12.92	110761	28	35	09.90- 12.92	112120	24	6.6
		09.90- 12.92	110895	28	55	09.90- 12.92	110210	24	6.6
		09.90- 12.92	112159	28	80	09.90- 11.91	110206	24	5.4
						09.90- 12.92	110550	24	4.0
						09.90- 12.92	111046	24	6.6
						09.90- 12.92	113855	24	5.4
		[D2865LF06]							
		09.90- 12.92	110761	28	35	09.90- 12.92	112120	24	6.6
		09.90- 12.92	110895	28	55	09.90- 12.92	110210	24	6.6
		09.90- 12.92	112159	28	80	09.90- 12.92	110206	24	5.4
				09.90- 12.92	110550	24	4.0		
				09.90- 12.92	111046	24	6.6		
				09.90- 12.92	113855	24	5.4		
25.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 12.92	110761	28	35	09.90- 12.92	112120	24	6.6
		09.90- 12.92	110895	28	55	09.90- 12.92	110210	24	6.6
		09.90- 12.92	112159	28	80	09.90- 11.91	110206	24	5.4
						09.90- 12.92	110550	24	4.0
						09.90- 12.92	111046	24	6.6
						09.90- 12.92	113855	24	5.4
		[D2865LF06]							
		09.90- 12.92	110761	28	35	09.90- 12.92	112120	24	6.6
		09.90- 12.92	110895	28	55	09.90- 12.92	110210	24	6.6
		09.90- 12.92	112159	28	80	09.90- 12.92	110206	24	5.4
				09.90- 12.92	110550	24	4.0		
				09.90- 12.92	111046	24	6.6		
				09.90- 12.92	113855	24	5.4		
25.372 12.0	(F 90)[D2866LF03]	09.90- 10.93	110761	28	35	09.90- 10.93	111046	24	6.6
		09.90- 10.93	110895	28	55	09.90- 12.92	110206	24	5.4
		09.90- 10.93	112159	28	80	09.90- 10.93	112120	24	6.6
						09.90- 12.92	113855	24	5.4
		[D2866LF05]							
		09.90- 10.93	110761	28	35	09.90- 12.92	110206	24	5.4
		09.90- 10.93	110895	28	55	09.90- 10.93	111046	24	6.6
		09.90- 10.93	112159	28	80	09.90- 10.93	112120	24	6.6
						09.90- 10.93	113855	24	5.4
		[D2866LXF/Silent]							
09.90- 10.93	110761	28	35	09.90- 10.93	112120	24	6.6		
09.90- 10.93	110895	28	55	09.90- 10.93	110206	24	5.4		
09.90- 10.93	112159	28	80	09.90- 10.93	110210	24	6.6		
				09.90- 10.93	111046	24	6.6		
				09.90- 10.93	113855	24	5.4		
25.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 12.92	110761	28	35	09.90- 12.92	112120	24	6.6
		09.90- 12.92	110895	28	55	09.90- 12.92	110206	24	5.4
		09.90- 12.92	112159	28	80	09.90- 12.92	111046	24	6.6
		[D2866LF05]							
		09.90- 12.92	110761	28	35	09.90- 12.92	110206	24	5.4
		09.90- 12.92	110895	28	55	09.90- 12.92	111046	24	6.6
09.90- 12.92	112159	28	80	09.90- 12.92	112120	24	6.6		
				09.90- 12.92	113855	24	5.4		
25.422 12.0	(F 90)[D2866LF06]	09.90- 12.92	110761	28	35	09.90- 12.92	111046	24	6.6
		09.90- 12.92	110895	28	55	09.90- 12.92	113855	24	5.4
		09.90- 12.92	112159	28	80	09.90- 11.90	110206	24	5.4
		[D2866LF09]							
		09.90- 12.92	110761	28	35	09.90- 12.92	113855	24	5.4
		09.90- 12.92	110895	28	55	09.90- 12.92	110206	24	5.4
09.90- 12.92	112159	28	80	09.90- 12.92	111046	24	6.6		
25.422 12.0 Unterflur	(F 90)[D2866LF06]	09.90- 12.92	110761	28	35	09.90- 11.90	110206	24	5.4
		09.90- 12.92	110895	28	55	09.90- 12.92	113855	24	5.4
		09.90- 12.92	112159	28	80	09.90- 12.92	111046	24	6.6
		[D2866LF09]							
		09.90- 12.92	110761	28	35	09.90- 12.92	110206	24	5.4
		09.90- 12.92	110895	28					



MAN Continued

Application list

	[D2840LF04]	09.90- 12.92	110761	28	35	09.90- 12.92	113855	24	5.4
		09.90- 12.92	110895	28	55	09.90- 12.92	112120	24	6.6
		09.90- 12.92	112159	28	80	09.90- 12.92	110210	24	6.6
		09.90- 12.92	113920	28	35	09.90- 12.92	110550	24	4.0
						09.90- 12.92	111046	24	6.6
26.233 12.0	(F 2000)[E2866DF01]	09.96- 08.02	110895	28	55	09.96- 08.02	110206	24	5.4
		09.96- 08.02	112159	28	80				
26.233 12.0	(F 2000)	03.00-	110895	28	55	03.00-	110206	24	5.4
26.242 12.0	(F 90)[D2866F/240]	01.88- 07.89	110761	28	35	01.88- 03.89	110206	24	5.4
		01.88- 07.89	110895	28	55	01.88- 07.89	111046	24	6.6
						01.88- 07.89	113855	24	5.4
26.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110761	28	35	01.88- 02.90	112120	24	6.6
		01.88- 02.90	110895	28	55	01.88- 02.90	110206	24	5.4
		01.88- 02.90	112159	28	80	01.88- 02.90	110210	24	6.6
						01.88- 02.90	110550	24	4.0
						01.88- 02.90	111046	24	6.6
						01.88- 02.90	113855	24	5.4
26.272 10.0	(F 90)[D2865LF02]	02.90- 08.93	110761	28	35	02.90- 12.92	110206	24	5.4
		02.90- 06.96	110895	28	55	02.90- 06.96	111046	24	6.6
		02.90- 06.96	112159	28	80	02.90- 06.96	110210	24	6.6
		09.93- 06.96	113920	28	35	02.90- 12.95	113855	24	5.4
						02.90- 06.96	110550	24	4.0
						02.90- 06.96	112120	24	6.6
	[D2865LF05]	02.90- 10.93	110761	28	35	02.90- 12.92	110206	24	5.4
		02.90- 06.96	110895	28	55	02.90- 06.96	110210	24	6.6
		02.90- 06.96	112159	28	80	02.90- 06.96	112120	24	6.6
		09.93- 06.96	113920	28	35	02.90- 06.96	111046	24	6.6
						02.90- 06.96	110550	24	4.0
						02.90- 12.95	113855	24	5.4
26.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28	55	01.94- 12.95	111046	24	6.6
		01.94- 12.95	112159	28	80	01.94- 12.95	110206	24	5.4
		01.94- 12.95	113920	28	35	01.94- 12.95	113855	24	5.4
26.280 6.9	(TGA)[D0836LF41]					11.02-	114001	24	4.0
	(TGM)[D0836LF51]					04.06-	114001	24	4.0
	[D0836LF41]	10.05-	113998	28	110				
26.290 6.9	(TGM)[D0836LF64]	10.05-	114007	28	80				
26.292 12.0	(F 90)[D2866LF/290]	09.87- 02.90	110761	28	35	09.87- 02.90	113855	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	110206	24	5.4
		09.87- 02.90	112159	28	80	09.87- 02.90	111046	24	6.6
26.293 10.0	(F 2000)[D2865LF20]	01.94- 110895	28	55	01.94-	112120	24	6.6	
		01.94- 112159	28	80	01.94-	110210	24	6.6	
		01.94- 09.01	113920	28	35	01.94-	111046	24	6.6
						01.94-	110206	24	5.4
						01.94-	110550	24	4.0
						01.94-	113855	24	5.4
	[D2865LF24]	04.95-	110895	28	55	01.94-	112120	24	6.6
		04.95-	112159	28	80	01.94-	111046	24	6.6
		04.95- 09.01	113920	28	35	01.94-	110206	24	5.4
						01.94-	110550	24	4.0
						01.94-	113855	24	5.4
26.302 12.0	(F 90)[D2866LF04]	05.90- 12.91	110761	28	35	05.90- 12.91	113855	24	5.4
		05.90- 12.91	110895	28	55	05.90- 12.91	110206	24	5.4
		05.90- 12.91	112159	28	80	05.90- 12.91	111046	24	6.6
26.310 10.5	(TGA)[D2066LF04]								
	[D2066LF14]								
	[D2066LF35]								
26.310 12.0	(TGA)[D2866LF26]	09.02- 05.04	114008	28	80	02.00-	110206	24	5.4
		03.99-	113289	28	90	09.00-	111046	24	6.6
		03.99-	113295	28	55				
	[D2866LF36]	03.99-	113289	28	90	02.00-	110206	24	5.4
		03.99-	113295	28	55	09.00-	111046	24	6.6
26.314 12.0	(F 2000)[D2866LF23]	05.01-	110895	28	55	05.01-	110206	24	5.4
26.320 10.5	(TGA)[D2066LF04]								
	[D2066LF14]								
	[D2066LF35]								
	[D2066LF39]	04.06-	113998	28	110				
	(TGS)[D2066LF28]	07.08-	114007	28	80				
	[D2066LF39]	10.07-	113998	28	110				
		07.08-	114007	28	80				
	[D2066LF43]	07.08-	113998	28	110				
		07.08-	114007	28	80				
	(TGX)[D2066LF28]								
26.322 10.0	(F 90)[D2865LF03]	02.90- 08.93	110761	28	35	02.90- 06.96	110210	24	6.6
		02.90- 06.96	112159	28	80	02.90- 06.96	112120	24	6.6
		09.90- 06.96	110895	28	55	02.90- 06.96	111046	24	6.6
		09.93- 06.96	113920	28	35	02.90- 09.96	110206	24	5.4
						02.90- 12.96	110550	24	4.0
						02.90- 12.95	113855	24	5.4
	[D2865LF06]	02.90- 10.93	110761	28	35	02.90- 06.96	111046	24	6.6
		02.90- 06.96	110895	28	55	02.90- 06.96	112120	24	6.6
		02.90- 06.96	112159	28	80	02.90- 06.96	110210	24	6.6
		09.93- 06.96	113920	28	35	02.90- 06.96	110206	24	5.4
						02.90- 06.96	110550	24	4.0
						02.90- 05.95	113855	24	5.4
26.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 10.92	110761	28	35	09.90- 05.94	112120	24	6.6
		09.90- 05.94	110895	28	55	09.90- 05.94	110210	24	6.6
		09.90- 05.94	112159	28	80	09.90- 05.94	110206	24	5.4
						09.90- 05.94	110550	24	4.0
						09.90- 05.94	111046	24	6.6
						09.90- 05.94	113855	24	5.4
	[D2865LF06]	09.90- 01.93	110761	28	35	09.90- 05.94	110210	24	6.6
		09.90- 05.94	110895	28	55	09.90- 05.94	112120	24	6.6
		09.90- 05.94	112159	28	80	09.90- 05.94	110206	24	5.4
		01.93- 05.94	113920	28	35	09.90- 05.94	111046	24	6.6
						09.90- 05.94	110550	24	4.0
						09.90- 05.94	113855	24	5.4
26.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28	55	01.94- 12.95	111046	24	6.6
		01.94- 12.95	112159	28	80	01.94- 12.95	110206	24	5.4
		01.94- 12.95	113920	28	35	01.94- 12.95	113855	24	5.4
26.330 6.9	(TGA)[D0836LF44]					11.02-	114001	24	4.0
	(TGM)[D0836LF52]					04.06-	114001	24	4.0
	[D0836LF55]	10.05-	113998	28	110				
		10.05-	114007	28	80				
26.332 12.0	(F 90)[D2866LF/330]	09.87- 02.90	110761	28	35	09.87- 02.90	113855	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	110206	24	5.4
		09.87- 02.90	112159	28	80	09.87- 02.90	111046	24	6.6
26.340 6.9	(TGM)[D0836LF65]	10.05-	113998	28	110				
		10.05-	114007	28	80				
26.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28	55	04.94- 06.96	110210	24	6.6
		05.94- 06.96	112159	28	80	04.94- 06.96	111046	24	6.6
		05.94- 06.96	113920	28	35	04.94- 06.96	110550	24	4.0
26.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28	55	01.94-	110206	24	5.4
		01.94-	112159	28	80	01.94-	111046	24	6.6
		01.94- 09.01	113920	28	35	01.94-	113855	24	5.4
26.350 10.5	(TGA)[D2066LF03]								
	[D2066LF13]								
	[D2066LF33]								
26.360 10.5	(TGA)[D2066LF03]								
	[D2066LF07]	05.04-	114007	28	80				
	[D2066LF13]								
	[D2066LF33]								
	[D2066LF38]	05.04-	113998	28	110				



	(TGS)[D2066LF27]	08.08-	113998	28	110				
	[D2066LF38]	10.07-	113998	28	110				
		05.08-	114007	28	80				
	[D2066LF42]	04.08-	113998	28	110				
		07.08-	114007	28	80				
	(TGX)[D2066LF27]								
	[D2066LF38]	10.07-	113998	28	110				
		10.07-	114007	28	80				
	[D2066LF42]	07.08-	113998	28	110				
		07.08-	114007	28	80				
26.360 12.0	(TGA)[D2866LF27]	03.99-	113289	28	90	02.00-	110206	24	5.4
		03.99-	113295	28	55	12.00-	111046	24	6.6
						12.00-	113855	24	5.4
	[D2866LF37]	03.99-	113289	28	90	02.00-	110206	24	5.4
		03.99-	113295	28	55				
26.362 12.0	(F 90)[D2866KF]	09.87- 02.90	110761	28	35	09.87- 02.90	110206	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	111046	24	6.6
		09.87- 02.90	112159	28	80	09.87- 02.90	113855	24	5.4
	[D2866LXF]	09.87- 02.90	110761	28	35	09.87- 02.90	111046	24	6.6
		09.87- 02.90	110895	28	55	09.87- 02.90	113855	24	5.4
		09.87- 02.90	112159	28	80	09.87- 02.90	110206	24	5.4
26.364 12.0	(F 2000)[D2866LF24]					05.01-	110206	24	5.4
26.372 12.0	(F 90)[D2866LF03]	02.90- 05.94	110761	28	35	02.90- 12.95	111046	24	6.6
		02.90- 12.95	110895	28	55	01.90- 06.96	110206	24	5.4
		02.90- 06.96	112159	28	80	02.90- 12.95	113855	24	5.4
		09.93- 06.96	113920	28	35				
	[D2866LF05]	02.90- 12.95	110761	28	35	02.90- 12.95	111046	24	6.6
		02.90- 12.95	110895	28	55	02.90- 06.96	110206	24	5.4
		02.90- 06.96	112159	28	80	02.90- 12.95	113855	24	5.4
		09.93- 06.96	113920	28	35				
	[D2866LF15]	02.90- 12.95	110761	28	35	09.90- 12.95	111046	24	6.6
		02.90- 12.95	110895	28	55	09.90- 06.96	110206	24	5.4
		02.90- 06.96	112159	28	80	09.90- 12.95	113855	24	5.4
		09.93- 06.96	113920	28	35				
26.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 10.92	110761	28	35	09.90- 05.94	113855	24	5.4
		09.90- 05.94	110895	28	55	09.90- 05.94	110206	24	5.4
		09.90- 05.94	112159	28	80	09.90- 05.94	111046	24	6.6
	[D2866LF05]	09.90- 05.94	110761	28	35	09.90- 05.94	113855	24	5.4
		09.90- 05.94	110895	28	55	09.90- 11.92	110206	24	5.4
		09.90- 05.94	112159	28	80	09.90- 05.94	111046	24	6.6
26.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28	55	01.94- 12.95	111046	24	6.6
		01.94- 12.95	112159	28	80	01.94- 12.95	110206	24	5.4
		01.94- 12.95	113920	28	35	01.94- 12.95	113855	24	5.4
26.390 10.5	(TGA)[D2066LF02]								
	[D2066LF12]								
	[D2066LF24]								
	[D2066LF32]								
26.400 10.5	(TGA)[D2066LF02]								
	[D2066LF12]								
	[D2066LF24]								
	[D2066LF32]								
	[D2066LF37]	01.04-	113998	28	110				
		01.04-	114007	28	80				
	(TGS)[D2066LF26]	02.09-	113998	28	110				
	[D2066LF37]	10.07-	113998	28	110				
		02.09-	114007	28	80				
	[D2066LF41]	07.08-	113998	28	110				
		02.09-	114007	28	80				
	(TGX)[D2066LF26]								
	[D2066LF37]	10.07-	114007	28	80				
	[D2066LF41]	07.08-	114007	28	80				
26.402 12.0	(F 90)[D2866LF16]	05.94- 12.95	110761	28	35	05.94- 12.95	113855	24	5.4
		05.94- 12.95	110895	28	55	05.94- 06.96	110206	24	5.4
		05.94- 06.96	112159	28	80	05.94- 12.95	111046	24	6.6
		05.94- 06.96	113920	28	35				
26.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28	55	01.94-	110206	24	5.4
		01.94-	112159	28	80	01.94-	113855	24	5.4
		01.94-	113289	28	90	01.94-	111046	24	6.6
		01.94-	113295	28	55				
		01.94- 09.01	113920	28	35				
26.410 12.0	(TGA)[D2866LF28]	03.99-	113289	28	90	02.00-	110206	24	5.4
		03.99-	113295	28	55				
	[D2866LF32]	03.99-	113289	28	90	02.00-	110206	24	5.4
		03.99-	113295	28	55				
26.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761	28	35	02.90- 12.92	110206	24	5.4
		02.90- 12.95	110895	28	55	02.90- 12.95	111046	24	6.6
		02.90- 12.95	112159	28	80	08.89- 12.95	113855	24	5.4
		09.93- 06.96	113920	28	35				
	[D2866LF09]	02.90- 12.95	110761	28	35	02.90- 12.95	111046	24	6.6
		02.90- 12.95	110895	28	55	02.90- 06.96	110206	24	5.4
		02.90- 06.96	112159	28	80	08.89- 12.95	113855	24	5.4
		09.93- 06.96	113920	28	35				
26.422 12.0 Unterflur	(F 90)[D2866LF06]	09.90- 05.94	110761	28	35	09.90- 05.94	113855	24	5.4
		09.90- 05.94	110895	28	55	09.90- 11.90	110206	24	5.4
		09.90- 05.94	112159	28	80	09.90- 05.94	111046	24	6.6
	[D2866LF09]	09.90- 05.94	110761	28	35	09.90- 05.94	113855	24	5.4
		09.90- 05.94	110895	28	55	09.90- 11.92	110206	24	5.4
		09.90- 05.94	112159	28	80	09.90- 05.94	111046	24	6.6
26.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28	55	01.94- 12.95	110206	24	5.4
		01.94- 12.95	112159	28	80	01.94- 12.95	111046	24	6.6
		01.94- 12.95	113289	28	90	01.94- 12.95	113855	24	5.4
		01.94- 12.95	113295	28	55				
		01.94- 12.95	113920	28	35				
26.430 10.5	(TGA)[D2066LF01]								
	[D2066LF11]								
	[D2066LF23]								
	[D2066LF31]								
26.440 10.5	(TGA)[D2066LF01]								
	[D2066LF11]								
	[D2066LF23]								
	[D2066LF31]					07.06- 03.09	114031	24	5.5
		07.06- 03.09	113998	28	110				
		07.06- 03.09	114007	28	80				
		07.06- 03.09	114528	28	120				
	[D2066LF36]	01.04-	113998	28	110				
		01.04-	114007	28	80				
	(TGS)[D2066LF25]	02.09-	113998	28	110				
	[D2066LF36]	10.07-	113998	28	110				
		05.08-	114007	28	80				
	[D2066LF40]	07.08-	114007	28	80				
		02.09-	113998	28	110				
	(TGX)[D2066LF25]								
	[D2066LF36]	09.07-	114007	28	80				
		12.07-	113998	28	110				
	[D2066LF40]	07.08-	114007	28	80				
26.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35				
	(TGA)[D2876LF04]	03.99-	113289	28	90	02.00-	110206	24	5.4
		03.99-	113295	28	55				
	[D2876LF07]	03.99- 09.01	113289	28	90	02.00- 09.01	110206	24	5.4
		03.99- 09.01	113295	28	55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

26.462 18.3	(F 90)[D2840LF/460]	02.89- 02.90	110761	28	35	02.89- 02.90	110210	24	6.6	
		02.89- 02.90	110895	28	55	02.89- 02.90	112120	24	6.6	
		02.89- 02.90	112159	28	80	02.89- 02.90	111046	24	6.6	
						02.89- 02.90	110550	24	4.0	
						02.89- 02.90	113855	24	5.4	
26.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28	55	01.94-	110206	24	5.4	
		01.94-	112159	28	80	01.94-	111046	24	6.6	
		01.94-	113289	28	90	01.94-	113855	24	5.4	
		01.94-	113295	28	55					
26.464 12.8	(F 2000)[D2876LF03]					05.01-	110206	24	5.4	
26.480 12.4	(TGA)[D2676LF01]	02.06-	113998	28	110	02.06-	113855	24	5.4	
		[D2676LF05]	01.06-	113998	28	110				
		[D2676LF12]					02.06-	113855	24	5.4
	(TGX)[D2676LF05]									
	[D2676LF14]									
26.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28	110	09.02-	113855	24	5.4	
		09.02- 09.06	114008	28	80	09.02-	110206	24	5.4	
26.502 18.3	(F 90)[D2840LF01]	02.90- 06.96	110761	28	35	02.90- 06.96	110210	24	6.6	
		02.90- 06.96	110895	28	55	02.90- 06.96	112120	24	6.6	
		02.90- 06.96	112159	28	80	02.90- 06.96	111046	24	6.6	
		02.90- 06.96	113920	28	35	02.90- 06.96	110550	24	4.0	
						02.90- 12.92	113855	24	5.4	
	[D2840LF04]	02.90- 06.96	110761	28	35	02.90- 12.92	113855	24	5.4	
		02.90- 06.96	110895	28	55	02.90- 06.96	112120	24	6.6	
		02.90- 06.96	112159	28	80	02.90- 06.96	110210	24	6.6	
		02.90- 06.96	113920	28	35	02.90- 06.96	111046	24	6.6	
						02.90- 06.96	110550	24	4.0	
[D2840LF06]	02.90- 06.96	110761	28	35	02.90- 06.96	111046	24	6.6		
	02.90- 06.96	110895	28	55	02.90- 06.96	112120	24	6.6		
	02.90- 06.96	112159	28	80	02.90- 06.96	110210	24	6.6		
	02.90- 06.96	113920	28	35						
26.510 12.8	(TGA)[D2876LF05]	03.99- 06.03	113289	28	90	02.00- 06.03	110206	24	5.4	
		03.99- 06.03	113295	28	55	12.00-	111046	24	6.6	
						12.00-	113855	24	5.4	
26.530 12.8	(TGA)[D2876LF13]	01.01-	113998	28	110	01.01-	113855	24	5.4	
		09.02-	114008	28	80	10.02-	110206	24	5.4	
26.540 12.4	(TGA)[D2676LF13]	08.06-	113998	28	110					
	(TGX)[D2676LF13]									
26.603 18.3	(F 2000)[D2840LF20]					06.96-	110210	24	6.6	
						06.96-	110550	24	4.0	
						06.96-	111046	24	6.6	
						06.96-	112120	24	6.6	
						06.96-	113855	24	5.4	
27.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28	55	01.94- 12.95	111046	24	6.6	
		01.94- 12.95	112159	28	80	01.94- 12.95	110206	24	5.4	
		01.94- 12.95	113920	28	35	01.94- 12.95	113855	24	5.4	
27.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28	55	01.94-	110206	24	5.4	
		01.94-	112159	28	80	01.94-	112120	24	6.6	
		01.94- 09.01	113920	28	35	01.94-	110210	24	6.6	
						01.94-	110550	24	4.0	
						01.94-	111046	24	6.6	
	[D2865LF24]	04.95-	110895	28	55	01.94-	113855	24	5.4	
		04.95-	112159	28	80	01.94-	112120	24	6.6	
		04.95- 09.01	113920	28	35	04.95-	110206	24	5.4	
						01.94-	111046	24	6.6	
						01.94-	110550	24	4.0	
				01.94-	113855	24	5.4			
27.314 12.0	(F 2000)[D2866LF23]					06.98-	110206	24	5.4	
		05.01-	110895	28	55	05.01-	110206	24	5.4	
27.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28	55	01.94- 12.95	110206	24	5.4	
		01.94- 12.95	112159	28	80	01.94- 12.95	111046	24	6.6	
		01.94- 12.95	113920	28	35	01.94- 12.95	113855	24	5.4	
27.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28	55	01.94-	110206	24	5.4	
		01.94-	112159	28	80	01.94-	112120	24	6.6	
		01.94- 09.01	113920	28	35	01.94-	110210	24	6.6	
						01.94-	110550	24	4.0	
				01.94-	111046	24	6.6			
				01.94-	113855	24	5.4			
				01.94-	110206	24	5.4			
27.364 12.0	(F 2000)[D2866LF24]					06.98-	110206	24	5.4	
		05.01-	110895	28	55	05.01-	110206	24	5.4	
27.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28	55	01.94- 12.95	113855	24	5.4	
		01.94- 12.95	112159	28	80	01.94- 12.95	110206	24	5.4	
		01.94- 12.95	113289	28	90	01.94- 12.95	111046	24	6.6	
		01.94- 12.95	113295	28	55					
		01.94- 12.95	113920	28	35					
27.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28	55	01.94-	111046	24	6.6	
		01.94-	112159	28	80	01.94-	110206	24	5.4	
		01.94-	113289	28	90	01.94-	112120	24	6.6	
		01.94-	113295	28	55	01.94-	110210	24	6.6	
		01.94- 09.01	113920	28	35	01.94-	113855	24	5.4	
27.414 12.0	(F 2000)[D2866LF25]					06.98-	110206	24	5.4	
		05.01-	110895	28	55	05.01-	110206	24	5.4	
27.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28	55	01.94- 12.95	110206	24	5.4	
		01.94- 12.95	112159	28	80	01.91- 12.95	113855	24	5.4	
		01.94- 12.95	113289	28	90	01.94- 12.95	111046	24	6.6	
		01.94- 12.95	113295	28	55					
		01.94- 12.95	113920	28	35					
27.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28	55	01.94-	111046	24	6.6	
		01.94-	112159	28	80	01.94-	110206	24	5.4	
		01.94-	113289	28	90	01.94-	112120	24	6.6	
		01.94-	113295	28	55	01.94-	110210	24	6.6	
		01.94- 09.01	113920	28	35	01.91-	113855	24	5.4	
		07.00-	110895	28	55					
27.464 12.8	(F 2000)[D2876LF03]					05.01-	110206	24	5.4	
	[D2876LF06]	01.94-	110895	28	55					
		05.01-	110895	28	55					
27.603 18.3	(F 2000)[D2840LF20]					01.96-	110210	24	6.6	
						01.96-	110550	24	4.0	
						01.96-	111046	24	6.6	
						01.96-	112120	24	6.6	
						01.96-	113855	24	5.4	
28.310 10.5	(TGA)[D2066LF04]									
28.310 12.0	(TGA)[D2866LF26]	09.02-	113289	28	90	09.02-	110206	24	5.4	
		09.02-	113295	28	55					
		09.02-	113998	28	110					
		09.02-	114008	28	80					
28.320 10.5	(TGA)[D2066LF04]									
[D2066LF28]	06.04-	114007	28	80						
[D2066LF39]	06.04-	113998	28	110						
	06.04-	114007	28	80						
	(TGS)[D2066LF39]	07.08-	113998	28	110					
	[D2066LF43]	07.08-	113998	28	110					
28.350 10.5	(TGA)[D2066LF03]									
	[D2066LF13]									
	[D2066LF27]									
	[D2066LF38]									



28.360 10.5	(TGA)[D2066LF03]									
	[D2066LF13]									
	[D2066LF27]									
	[D2066LF38]									
		04.06-	114007	28	80					
		07.06-	113998	28	110					
28.360 12.0	(TGS)[D2066LF38]	08.08-	113998	28	110					
	[D2066LF42]	08.08-	113998	28	110					
28.390 10.5	(TGX)[D2066LF27]									
	[D2066LF38]									
	(E2000 Evolution)[D2866LF24]					05.00-	110206	24	5.4	
	(TGA)[D2866LF27]	09.02-	113289	28	90	09.02-	110206	24	5.4	
		09.02-	113295	28	55					
		09.02-	113998	28	110					
28.390 12.8	(TGA)[D2876LF12]	07.06-	114008	28	80					
	[D2066LF26]									
28.400 10.5	(TGA)[D2066LF02]									
	[D2066LF12]									
	[D2066LF26]									
	[D2066LF37]									
	(TGA)[D2876LF12]	07.06-	114008	28	80					
	[D2066LF26]									
		04.06-	113998	28	110					
		04.06-	113998	28	110					
		07.06-	114007	28	80					
		(TGS)[D2066LF37]	08.08-	113998	28	110				
28.410 12.0	[D2066LF41]	08.08-	113998	28	110					
	[D2066LF26]	08.08-	114007	28	80					
	(TGX)[D2066LF26]	08.08-	114007	28	80					
	[D2066LF37]									
	(TGA)[D2866LF28]	09.02-	113289	28	90	09.02-	110206	24	5.4	
		09.02-	113295	28	55					
		09.02-	113998	28	110					
		09.02-	114008	28	80					
	28.430 10.5	(TGA)[D2066LF01]								
		[D2066LF11]								
[D2066LF25]										
[D2066LF36]										
28.440 10.5	(TGA)[D2066LF01]									
	[D2066LF11]									
	[D2066LF25]									
		09.05-	113998	28	110					
		09.05-	113998	28	110					
	(TGS)[D2066LF36]	08.08-	113998	28	110					
		08.08-	114007	28	80					
	[D2066LF40]	08.08-	113998	28	110					
	08.08-	114007	28	80						
28.460 12.8	(TGX)[D2066LF25]	08.08-	114007	28	80					
	[D2066LF36]									
28.480 12.4	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35					
	(TGA)[D2876LF04]	09.02-	113289	28	90	09.02-	110206	24	5.4	
		09.02-	113295	28	55					
		09.02-	113998	28	110					
		09.02-	114008	28	80					
28.480 12.8	(TGA)[D2676LF02]	02.06-	113998	28	110					
	[D2676LF05]	02.06-	113998	28	110					
	[D2676LF14]	07.06-	114007	28	80					
	[D2676LF05]	02.06-	113998	28	110					
28.510 12.8	(TGX)[D2676LF14]									
	(TGA)[D2876LF12]	09.02-	113998	28	110	09.02-	110206	24	5.4	
		09.02-	114008	28	80	09.02-	113855	24	5.4	
	(TGA)[D2876LF05]	09.02-	113289	28	90	09.02-	110206	24	5.4	
28.530 12.8		09.02-	113295	28	55					
		09.02-	113998	28	110					
		09.02-	114008	28	80					
	(TGA)[D2876LF13]	09.02-	113998	28	110	09.02-	110206	24	5.4	
28.540 12.4	(TGA)[D2676LF13]	08.06-	113998	28	110	09.02-	113855	24	5.4	
		08.06-	114007	28	80					
29.460 12.8	(TGX)[D2676LF13]									
	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35					
30.310 12.0	(E2000 Evolution)[D2866LF23]	05.00-	110895	28	55	05.00-	110206	24	5.4	
		05.00-	112159	28	80					
		05.00-	113289	28	90					
		05.00-	113295	28	55					
		05.00-	113920	28	35					
30.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35					
	(F 90)[D2865LF/260]	02.89- 02.90	110761	28	35	02.89- 02.90	110206	24	5.4	
		02.89- 02.90	110895	28	55	02.89- 02.90	112120	24	6.6	
		02.89- 02.90	112159	28	80	02.89- 02.90	110210	24	6.6	
32.272 10.0		02.89- 02.90	110550	24	4.0	02.89- 02.90	110550	24	4.0	
		02.89- 02.90	111046	24	6.6	02.89- 02.90	111046	24	6.6	
		02.89- 02.90	113855	24	5.4	02.89- 02.90	113855	24	5.4	
	(F 90)[D2865LF02]	02.90- 10.93	110761	28	35	02.90- 04.95	112120	24	6.6	
		02.90- 04.95	110895	28	55	02.90- 04.95	110206	24	5.4	
		02.90- 04.95	112159	28	80	02.90- 04.95	110210	24	6.6	
		11.93- 04.95	113920	28	35	02.90- 04.95	111046	24	6.6	
						02.90- 04.95	110550	24	4.0	
						02.90- 04.95	113855	24	5.4	
						02.90- 04.95	112120	24	6.6	
32.292 12.0	[D2865LF05]	02.90- 10.93	110761	28	35	02.90- 04.95	110206	24	5.4	
		02.90- 04.95	110895	28	55	02.90- 04.95	110210	24	6.6	
		02.90- 04.95	112159	28	80	02.90- 04.95	110550	24	4.0	
		11.93- 04.95	113920	28	35	02.90- 04.95	11046	24	6.6	
32.293 10.0	(F 90)[D2866LF/290]	03.88- 02.90	110761	28	35	03.88- 02.90	110206	24	5.4	
		03.88- 02.90	110895	28	55	03.88- 02.90	113855	24	5.4	
		03.88- 02.90	112159	28	80	03.88- 02.90	111046	24	6.6	
	(F 2000)[D2865LF24]	08.95-	110895	28	55	08.95-	111046	24	6.6	
32.302 12.0		08.95-	112159	28	80	08.95-	110206	24	5.4	
		08.95- 09.01	113920	28	35	08.95-	113855	24	5.4	
	(F 90)[D2866LF04]	05.90- 09.91	110761	28	35	05.90- 09.91	110206	24	5.4	
		05.90- 09.91	110895	28	55	05.90- 09.91	111046	24	6.6	
32.310 12.0		05.90- 09.91	112159	28	80	05.90- 09.91	113855	24	5.4	
	(E2000 Evolution)[D2866LF23]	05.00-	110895	28	55	05.00-	110206	24	5.4	
		05.00-	112159	28	80					
		05.00-	113289	28	90					
32.320 10.5		05.00-	113295	28	55					
		05.00-	113920	28	35					
	(TGA)[D2866LF26]	01.02-	113289	28	90	01.02-	110206	24	5.4	
	01.02-	113295	28	55						
	(TGS)[D2066LF43]	02.09-	114007	28	80					



Application list

MAN Continued

32.322 10.0	(F 90)[D2865LF03]	02.90- 08.93	110761	28	35	02.90- 06.96	110550	24	4.0
		02.90- 05.94	112159	28	80	02.90- 06.96	111046	24	6.6
		07.93- 05.94	110895	28	55	02.90- 05.94	110210	24	6.6
		09.93- 05.94	113920	28	35	02.90- 06.96	110206	24	5.4
[D2865LF06]	02.90- 08.93	110761	28	35	02.90- 06.96	110550	24	4.0	
	02.90- 05.94	112159	28	80	02.90- 06.96	111046	24	6.6	
	07.93- 05.94	110895	28	55	02.90- 05.94	110210	24	6.6	
	09.93- 05.94	113920	28	35	02.90- 06.96	110206	24	5.4	
32.332 12.0	(F 90)[D2866LF/330]	03.88- 02.90	110761	28	35	03.88- 02.90	111046	24	6.6
		03.88- 02.90	110895	28	55	03.88- 02.90	113855	24	5.4
		03.88- 02.90	112159	28	80	03.88- 02.90	110206	24	5.4
32.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28	55	05.94- 06.96	110210	24	6.6
		05.94- 06.96	112159	28	80	05.94- 06.96	111046	24	6.6
		05.94- 06.96	113920	28	35	05.94- 06.96	110550	24	4.0
32.343 10.0	(F 2000)[D2865LF21]	08.95-	110895	28	55	08.95-	111046	24	6.6
		08.95-	112159	28	80	08.95-	110206	24	5.4
		08.95- 09.01	113920	28	35	08.95-	113855	24	5.4
32.350 10.5	(TGA)[D2066LF03] [D2066LF13] [D2066LF33]								
32.360 10.5	(TGA)[D2066LF03] [D2066LF13] [D2066LF33] (TGS)[D2066LF27] [D2066LF38] [D2066LF42] (TGX)[D2066LF27] [D2066LF38]								
		10.07-	114007	28	80				
		10.07-	114007	28	80				
		08.08-	113998	28	110				
		10.07-	114007	28	80				
32.360 12.0	(E2000 Evolution)[D2866LF24] (TGA)[D2866LF27]	09.02-	113289	28	90	05.00-	110206	24	5.4
		09.02-	113295	28	55	09.02-	110206	24	5.4
32.362 12.0	(F 90)[D2866LXF]	03.88- 02.90	110761	28	35	03.88- 02.90	113855	24	5.4
		03.88- 02.90	110895	28	55	03.88- 02.90	110206	24	5.4
		03.88- 02.90	112159	28	80	03.88- 02.90	111046	24	6.6
32.372 12.0	(F 90)[D2866LF03]	02.90- 08.93	110761	28	35	02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55				
		02.90- 06.96	112159	28	80				
	[D2866LF05]	09.93- 06.96	113920	28	35				
		02.90- 08.93	110761	28	35	10.92- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55				
	[D2866LF15]	02.90- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
		02.90- 08.93	110761	28	35	05.94- 06.96	110206	24	5.4
	[D2866LXF/Silent]	02.90- 04.92	110895	28	55				
02.90- 06.96		112159	28	80					
09.93- 06.96		113920	28	35					
32.390 10.5	(TGA)[D2066LF02] [D2066LF12] [D2066LF32]								
32.400 10.5	(TGA)[D2066LF02] [D2066LF12] [D2066LF32] (TGS)[D2066LF26] [D2066LF37] [D2066LF41]								
		10.07-	113998	28	110				
		10.07-	113998	28	110				
		10.07-	113998	28	110				
32.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28	80	05.94- 06.96	110206	24	5.4
		05.94- 06.96	113920	28	35				
32.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28	55	08.95-	110206	24	5.4
		08.95-	112159	28	80	08.95-	113855	24	5.4
		08.95-	113289	28	90	08.95-	111046	24	6.6
		08.95-	113295	28	55				
		08.95- 09.01	113920	28	35				
32.410 12.0	(E2000 Evolution)[D2866LF25] (TGA)[D2866LF28]	09.02-	113289	28	90	05.00-	110206	24	5.4
		09.02-	113295	28	55	09.02-	110206	24	5.4
32.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761	28	35	02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55				
		02.90- 06.96	112159	28	80				
	[D2866LF09]	09.93- 06.96	113920	28	35				
		02.90- 08.93	110761	28	35	10.92- 06.96	110206	24	5.4
		02.90- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
		08.93	110761	28	35	02.90- 06.96	110206	24	5.4
		05.94	112159	28	80				
		04.92	110895	28	55				
	11.10- 08.93	113920	28	35					
32.430 10.5	(TGA)[D2066LF01] [D2066LF11] [D2066LF31]								
32.440 10.5	(TGA)[D2066LF01] [D2066LF11] [D2066LF31] (TGS)[D2066LF25] [D2066LF36]								
		10.07-	114007	28	80				
		10.07-	114007	28	80				
		08.08-	113998	28	110				
	10.07-	114007	28	80					
32.460 12.8	(E2000 Evolution)[D2876LF03] (TGA)[D2876LF04]	05.00-	113920	28	35				
		09.02-	113289	28	90	09.02-	110206	24	5.4
32.463 12.8	(F 2000)[D2876LF02]	09.02-	113295	28	55				
		08.95-	110895	28	55	08.95-	110206	24	5.4
		08.95-	112159	28	80	08.95-	113855	24	5.4
		08.95-	113289	28	90	08.95-	111046	24	6.6
		08.95-	113295	28	55				
	08.95- 09.01	113920	28	35					
32.480 12.8	(TGA)[D2676LF01] (TGA)[D2876LF12]	09.02-	113998	28	110	09.02-	113855	24	5.4
		05.04- 09.05	114008	28	80	05.04- 09.05	110206	24	5.4
33.242 12.0	(F 90)[D2866F/240]	01.88- 08.88	110761	28	35	01.88- 08.88	110206	24	5.4
		01.88- 08.88	110895	28	55	01.88- 08.88	111046	24	6.6
						01.88- 08.88	113855	24	5.4
33.262 10.0	(F 90)[D2865LF/260]	08.88- 02.90	110761	28	35	08.88- 02.90	112120	24	6.6
		08.88- 02.90	110895	28	55	08.88- 02.90	110206	24	5.4
		08.88- 02.90	112159	28	80	08.88- 02.90	110210	24	6.6
						08.88- 02.90	10550	24	4.0
						08.88- 02.90	111046	24	6.6
				08.88- 02.90	113855	24	5.4		
				112120	24	6.6			
33.272 10.0	(F 90)[D2865LF05]	10.92- 10.93	110761	28	35	10.92- 04.95	110206	24	5.4
		10.92- 04.95	110895	28	55	10.92- 04.95	112120	24	6.6
		10.92- 04.95	112159	28	80	10.92- 04.95	110210	24	6.6
		11.93- 04.95	113920	28	35	10.92- 04.95	111046	24	6.6
						10.92- 04.95	10550	24	4.0
				10.92- 04.95	113855	24	5.4		
33.292 12.0	(F 90)[D2866LF/290]	09.87- 02.90	110761	28	35	09.87- 02.90	110206	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	111046	24	6.6
		09.87- 02.90	112159	28	80	09.87- 02.90	113855	24	5.4
33.322 10.0	(F 90)[D2865LF03]	09.91- 08.93	110761	28	35	09.91- 06.96	110550	24	4.0
		09.91- 06.96	112159	28	80	09.91- 06.96	111046	24	6.6
		07.93- 06.96	110895	28	55	09.91- 06.96	110210	24	6.6
		09.93- 06.96	113920	28	35	09.91- 06.96	110206	24	5.4



	[D2865LF06]	09.91- 08.93	110761	28	35	09.91- 06.96	110206	24	5.4
		09.91- 06.96	112159	28	80	09.91- 06.96	110550	24	4.0
		07.93- 06.96	110895	28	55	09.91- 06.96	110210	24	6.6
		09.93- 06.96	113920	28	35	09.91- 06.96	111046	24	6.6
33.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28	55	01.94- 12.95	110206	24	5.4
		01.94- 12.95	112159	28	80	01.94- 12.95	111046	24	6.6
		01.94- 12.95	113920	28	35	01.94- 12.95	113855	24	5.4
33.332 10.0	(F 90)[D2866LF/330]	09.87- 02.90	110761	28	35	09.87- 02.90	113855	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	110206	24	5.4
		09.87- 02.90	112159	28	80	09.87- 02.90	111046	24	6.6
33.332 12.0	(F 90)[D2866LF/330]	09.87- 02.90	110761	28	35	09.87- 02.90	113855	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	110206	24	5.4
		09.87- 02.90	112159	28	80	09.87- 02.90	111046	24	6.6
33.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28	55	05.94- 06.96	111046	24	6.6
		05.94- 06.96	112159	28	80	05.94- 06.96	110210	24	6.6
		05.94- 06.96	113920	28	35	05.94- 06.96	110550	24	4.0
33.343 10.0	(F 2000)[D2865LF21]	01.94- 09.01	110895	28	55	01.94- 09.01	111046	24	6.6
		01.94- 09.01	112159	28	80	01.94- 09.01	110206	24	5.4
		01.94- 09.01	113920	28	35	01.94- 09.01	113855	24	5.4
33.350 10.5	(TGA)[D2066LF03]	09.07-	114007	28	80				
	[D2066LF13]								
	[D2066LF33]								
33.360 10.5	(TGA)[D2066LF03]	09.07-	113998	28	110				
	[D2066LF07]								
	[D2066LF13]								
	[D2066LF33]								
	(TGS)[D2066LF27]	02.09-	114007	28	80				
	[D2066LF38]	06.08-	114007	28	80				
		02.09-	113998	28	110				
	[D2066LF42]	06.08-	114007	28	80				
		02.09-	113998	28	110				
33.360 12.0	(E2000 Evolution)[D2866LF24]					05.00-	110206	24	5.4
	(TGA)[D2866LF27]	01.01-	113998	28	110	01.01- 05.04	110206	24	5.4
		06.01- 05.04	113289	28	90				
		06.01- 05.04	113295	28	55				
		09.02- 05.04	114008	28	80				
	[D2866LF37]	09.02-	113998	28	110				
		09.02- 05.04	114008	28	80				
33.362 12.0	(F 90)[D2866KF]	09.87- 02.90	110761	28	35	09.87- 02.90	110206	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	113855	24	5.4
		09.87- 02.90	112159	28	80	09.87- 02.90	111046	24	6.6
	[D2866LXF]	09.87- 02.90	110761	28	35	09.87- 02.90	110206	24	5.4
		09.87- 02.90	110895	28	55	09.87- 02.90	111046	24	6.6
		09.87- 02.90	112159	28	80	09.87- 02.90	113855	24	5.4
33.364 12.0	(F 2000)	05.01-	110895	28	55	05.01-	110206	24	5.4
33.372 12.0	(F 90)[D2866LF03]	09.91- 08.93	110761	28	35	01.91- 10.92	110206	24	5.4
		09.91- 04.92	110895	28	55				
		09.91- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
	[D2866LF05]	09.91- 08.93	110761	28	35	10.92- 05.94	110206	24	5.4
		09.91- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
	[D2866LF15]	09.91- 08.93	110761	28	35	05.94- 06.96	110206	24	5.4
		09.91- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
33.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28	55	01.94- 12.95	111046	24	6.6
		01.94- 12.95	112159	28	80	01.94- 12.95	113855	24	5.4
		01.94- 12.95	113289	28	90	01.94- 12.95	110206	24	5.4
		01.94- 12.95	113295	28	55				
		01.94- 12.95	113920	28	35				
33.390 10.5	(TGA)[D2066LF02]	09.07-	113998	28	110				
	[D2066LF06]	09.07-	113998	28	110				
	[D2066LF12]								
	[D2066LF32]								
33.400 10.5	(TGA)[D2066LF02]	09.07-	113998	28	110				
	[D2066LF06]	09.07-	113998	28	110				
	[D2066LF12]								
	[D2066LF32]								
	(TGS)[D2066LF37]	06.08-	114007	28	80				
		02.09-	113998	28	110				
	[D2066LF41]	06.08-	114007	28	80				
		02.09-	113998	28	110				
	(TGS)[D2066LF26]								
	[D2066LF37]								
33.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28	80	05.94- 06.96	110206	24	5.4
		05.94- 06.96	113920	28	35				
33.403 12.0	(F 2000)[D2866LF20]	01.94- 12.95	110895	28	55	01.94- 12.95	110206	24	5.4
		01.94- 12.95	112159	28	80	01.94- 12.95	113855	24	5.4
		01.94- 12.95	113289	28	90	01.94- 12.95	111046	24	6.6
		01.94- 12.95	113295	28	55				
		01.94- 09.01	113920	28	35				
33.410 12.0	(E2000 Evolution)[D2866LF25]					05.00-	110206	24	5.4
	(TGA)[D2866LF28]	10.00-	113998	28	110	09.02-	110206	24	5.4
		09.02- 05.04	113289	28	90				
		09.02- 05.04	113295	28	55				
		09.02- 05.04	114008	28	80				
	[D2866LF32]	10.00-	113998	28	110				
		09.02- 05.04	113289	28	90				
		09.02- 05.04	113295	28	55				
		09.02- 05.04	114008	28	80				
33.414 12.0	(F 2000)	05.01-	110895	28	55	05.01-	110206	24	5.4
33.422 12.0	(F 90)[D2866LF06]	09.91- 08.93	110761	28	35	09.91- 06.96	110206	24	5.4
		09.91- 04.92	110895	28	55				
		09.91- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
	[D2866LF09]	09.91- 08.93	110761	28	35	09.91- 06.96	110206	24	5.4
		09.91- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
33.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28	55	01.94- 12.95	113855	24	5.4
		01.94- 12.95	112159	28	80	01.94- 12.95	110206	24	5.4
		01.94- 12.95	113289	28	90	01.94- 12.95	111046	24	6.6
		01.94- 12.95	113295	28	55				
		01.94- 12.95	113920	28	35				
33.430 10.5	(TGA)[D2066LF01]								
	[D2066LF11]								
	[D2066LF31]								
33.440 10.5	(TGA)[D2066LF01]								
	[D2066LF11]								
	[D2066LF31]								
	(TGS)[D2066LF25]								
	[D2066LF36]								
33.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35				
	(TGA)[D2876LF04]	09.02- 05.04	113289	28	90	09.02- 12.05	110206	24	5.4
		09.02- 05.04	113295	28	55				
		09.02- 12.05	113998	28	110				
		09.02- 12.05	114008	28	80				
	[D2876LF07]	09.02-	113998	28	110				
		09.02-	114008	28	80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

33.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761 110895 112159	28 28 28	35 55 80	07.89- 02.90 07.89- 02.90 07.89- 02.90 07.89- 02.90	111046 112120 110210 110550 113855	24 24 24 24 24	6.6 6.6 6.6 4.0 5.4
33.463 12.0	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	110895 112159 113289 113295 113920	28 28 28 28 28	55 80 90 55 35	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	111046 110206	24 24	6.6 5.4
33.463 12.8	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	110895 112159 113289 113295 113920	28 28 28 28 28	55 80 90 55 35	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	110206 113855 111046	24 24 24	5.4 5.4 6.6
33.464 12.8	(F 2000)	05.01-	110895	28	55	05.01-	110206	24	5.4
33.480 12.4	(TGA)[D2676LF01] (TGX)[D2676LF05] [D2676LF14]								
33.480 12.8	(TGA)[D2876LF05] [D2876LF12] [D2876LF25]	09.02- 06.03 09.02- 06.03 09.02- 09.06 09.02-	113289 113295 113998 114008 114008	28 28 28 28 28	90 55 110 80 80	06.03- 09.02- 09.02- 06.03- 09.02-	110206 113855 110206 110206 113855	24 24 24 24 24	5.4 5.4 5.4 5.4 5.4
33.502 18.3	(F 90)[D2840LF01] [D2840LF04] [D2840LF06]	09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96	110761 110895 112159 113920 110761 110895 112159 113920 110761 110895 112159 113920	28 28 28 28 28 28 28 28 28 28 28 28	35 55 80 35 35 55 80 35 35 55 80 35	09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96 09.91- 06.96	110550 110210 111046 110550 110210 111046 110210 111046	24 24 24 24 24 24 24 24	4.0 6.6 6.6 4.0 6.6 6.6 6.6 6.6
33.510 12.8	(TGA)[D2876LF05]	09.02- 06.03 09.02- 06.03	113289 113295	28 28	90 55	09.02- 06.03	110206	24	5.4
33.530 12.8	(TGA)[D2876LF13]	09.02- 09.02-	113998 114008	28 28	110 80	09.02- 09.02-	110206 113855	24 24	5.4 5.4
33.540 12.4	(TGX)[D2676LF13]								
33.600 18.3	(E2000 Evolution)[D2840LF21]					06.00-	110210	24	6.6
33.603 18.3	(F 2000)[D2840LF20]					06.96- 06.96- 06.96- 06.96- 06.96-	110210 110550 111046 112120 113855	24 24 24 24 24	6.6 6.6 6.6 6.6 5.4
33.680 16.2	(TGX)[D2868LF02]								
35.262 10.0	(F 90)[D2865LF/260]	02.89- 02.90 02.89- 02.90 02.89- 02.90	110761 110895 112159	28 28 28	35 55 80	02.89- 02.90 02.89- 02.90 02.89- 02.90 02.89- 02.90 02.89- 02.90 02.89- 02.90	110210 110206 112120 110550 111046 113855	24 24 24 24 24 24	6.6 5.4 6.6 4.0 6.6 5.4
35.272 10.0	(F 90)[D2865LF02]	02.90- 12.92 02.90- 12.92 02.90- 12.92	110761 110895 112159	28 28 28	35 55 80	02.90- 12.92 02.90- 12.92 02.90- 12.92 02.90- 12.92 02.90- 12.92 02.90- 12.92	112120 110210 110206 110550 111046 113855	24 24 24 24 24 24	6.6 6.6 5.4 4.0 6.6 5.4
35.292 12.0	(F 90)[D2866LFZ/290]	10.88- 04.95 10.88- 04.95	110761 110895	28 28	35 55	10.88- 04.95 10.88- 04.95 10.88- 04.95	111046 110206 113855	24 24 24	6.6 5.4 5.4
35.302 12.0	(F 90)[D2866LF04]	05.90- 09.91 05.90- 09.91 05.90- 09.91	110761 110895 112159	28 28 28	35 55 80	05.90- 09.91 05.90- 11.90 05.90- 09.91	113855 110206 111046	24 24 24	5.4 5.4 6.6
35.310 10.5	(TGA)[D2066LF04] [D2066LF35]								
35.310 12.0	(TGA)[D2866LF26]	06.03- 06.05 06.03- 06.05 11.03- 11.03-	113998 114008 113289 113295	28 28 28 28	110 80 90 55	11.03-	110206	24	5.4
35.314 12.0	(F 2000)	03.02-	110895	28	55	03.02-	110206	24	5.4
35.320 10.5	(TGA)[D2066LF04] [D2066LF35] (TGS)[D2066LF28] [D2066LF39] [D2066LF43]	10.07- 10.07- 06.08- 10.07- 06.08-	113998 113998 114007 113998 114007	28 28 28 28 28	110 110 80 110 80				
35.322 10.0	(F 90)[D2865LF03] [D2865LF06]	02.90- 08.93 02.90- 06.96 07.93- 06.96 09.93- 06.96 02.90- 08.93 02.90- 06.96 07.93- 06.96 09.93- 06.96	110761 112159 110895 113920 110761 112159 110895 113920	28 28 28 28 28 28 28 28	35 80 55 35 35 80 55 35	02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96	110550 111046 110210 110550 111046 110210	24 24 24 24 24 24	4.0 6.6 6.6 4.0 6.6 6.6
35.322 12.0	(F 90)[D2865LF03]	02.90- 08.93 02.90- 05.94 07.93- 05.94 09.93- 05.94	110761 112159 110895 113920	28 28 28 28	35 80 55 35	02.90- 06.96 02.90- 06.96 02.90- 05.94	110550 111046 110210	24 24 24	4.0 6.6 6.6
35.332 12.0	(F 90)[D2866LFZ/330]	10.88- 04.95 10.88- 04.95	110761 110895	28 28	35 55	10.88- 04.95 10.88- 04.95 10.88- 05.95	110206 111046 113855	24 24 24	5.4 6.6 5.4
35.342 10.0	(F 90)[D2865LF09]	05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 112159 113920	28 28 28	55 80 35	05.94- 06.96 05.94- 06.96 05.94- 06.96	110210 111046 110550	24 24 24	6.6 6.6 4.0
35.343 10.0	(F 2000)[D2865LF21]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 28 28	55 80 35	08.95- 08.95- 08.95-	110206 111046 113855	24 24 24	5.4 6.6 5.4
35.350 10.5	(TGA)[D2066LF03] [D2066LF13] [D2066LF33]								
35.360 10.5	(TGA)[D2066LF03] [D2066LF13] [D2066LF33] [D2066LF38] (TGS)[D2066LF27] [D2066LF38] [D2066LF42] (TGX)[D2066LF27] [D2066LF38]	07.06- 07.06- 10.07- 10.07- 06.08- 10.07- 06.08-	113998 114007 113998 113998 114007 113998 114007	28 28 28 28 28 28 28	110 80 110 110 80 110 80				
35.360 12.0	(E2000 Evolution)[D2866LF24] [D2866LF27]	10.03- 12.05 10.03- 12.05	113998 114008	28 28	110 80	05.00-	110206	24	5.4
35.362 12.0	(F 90)[D2866LXF]	10.88- 02.90 10.88- 02.90 10.88- 02.90	110761 110895 112159	28 28 28	35 55 80	10.88- 02.90 10.88- 02.90 10.88- 02.90	111046 113855 110206	24 24 24	6.6 5.4 5.4



35.372 12.0	(F 90)[D2866LF03]	02.90- 08.93	110761	28	35		02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55					
		02.90- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
	[D2866LF05]	02.90- 08.93	110761	28	35		10.92- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55					
		02.90- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
	[D2866LF15]	02.90- 08.93	110761	28	35		05.94- 06.96	110206	24	5.4
		02.90- 04.94	110895	28	55					
	02.90- 06.96	112159	28	80						
	09.93- 06.96	113920	28	35						
[D2866LXF/Silent]	02.90- 04.95	110761	28	35		02.90- 04.95	110206	24	5.4	
	02.90- 04.95	110895	28	55		02.90- 04.95	111046	24	6.6	
						02.90- 04.95	113855	24	5.4	
35.390 10.5	(TGA)[D2066LF02]									
	[D2066LF12]									
	[D2066LF32]									
35.400 10.5	(TGA)[D2066LF02]									
	[D2066LF12]									
	[D2066LF32]									
	[D2066LF37]	02.04- 07.06-	113998	28	110					
			114007	28	80					
	(TGS)[D2066LF26]	10.07-	113998	28	110					
	[D2066LF37]	10.07-	113998	28	110					
		06.08-	114007	28	80					
	[D2066LF41]	10.07-	113998	28	110					
		06.08-	114007	28	80					
(TGX)[D2066LF26]										
[D2066LF37]										
35.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28	80		05.94- 06.96	110206	24	5.4
		05.94- 06.96	113920	28	35					
35.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28	55		08.95-	111046	24	6.6
		08.95-	112159	28	80		08.95-	110206	24	5.4
		08.95-	113289	28	90		08.95-	113855	24	5.4
		08.95-	113295	28	55					
		08.95- 09.01	113920	28	35					
35.410 12.0	(E2000 Evolution)[D2866LF25]						05.00-	110206	24	5.4
	(TGA)[D2866LF28]	06.03- 10.03-	114008	28	80					
		113998	28	110						
35.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761	28	35		02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55					
		02.90- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
	[D2866LF09]	02.90- 08.93	110761	28	35		10.90- 06.96	110206	24	5.4
		02.90- 04.92	110895	28	55					
		02.90- 06.96	112159	28	80					
	09.93- 06.96	113920	28	35						
35.430 10.5	(TGA)[D2066LF01]									
	[D2066LF11]									
	[D2066LF31]									
35.440 10.5	(TGA)[D2066LF01]									
	[D2066LF11]									
	[D2066LF31]									
	[D2066LF36]	07.06- 07.06-	113998	28	110					
			114007	28	80					
(TGX)[D2066LF25]										
[D2066LF36]										
35.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35					
35.463 12.8	(TGA)[D2876LF04]						07.06-	110206	24	5.4
	(F 2000)[D2876LF02]	08.95-	110895	28	55		08.95-	110206	24	5.4
		08.95-	112159	28	80		08.95-	113855	24	5.4
		08.95-	113289	28	90		08.95-	111046	24	6.6
		08.95-	113295	28	55					
		08.95- 09.01	113920	28	35					
35.480 12.4	(TGA)[D2676LF01]									
	[D2676LF05]	07.06- 07.06-	113998	28	110					
			114007	28	80					
(TGX)[D2676LF05]										
[D2676LF14]										
35.480 12.8	(TGA)[D2876LF12]	09.03- 09.06	113998	28	110		10.93-	113855	24	5.4
		09.03- 09.06	114008	28	80					
35.530 12.8	(TGA)[D2876LF13]	06.04- 06.04-	113998	28	110		04.04-	113855	24	5.4
		06.04- 03.06	114008	28	80					
35.540 12.4	(TGX)[D2676LF13]									
37.310 10.5	(TGA)[D2066LF04]									
	[D2066LF35]									
	(TGA)[D2066LF04]									
[D2066LF35]										
(TGS)[D2066LF28]	10.07-	113998	28	110						
[D2066LF39]	10.07-	113998	28	110						
	07.08-	114007	28	80						
[D2066LF43]	10.07-	113998	28	110						
	07.08-	114007	28	80						
37.350 10.5	(TGA)[D2066LF03]									
	[D2066LF13]									
	[D2066LF33]									
37.360 10.5	(TGA)[D2066LF03]									
	[D2066LF13]									
	[D2066LF33]									
	(TGS)[D2066LF27]	10.07-	113998	28	110					
[D2066LF38]	10.07-	113998	28	110						
[D2066LF42]	10.07-	113998	28	110						
37.390 10.5	(TGA)[D2066LF02]									
	[D2066LF12]									
	[D2066LF32]									
37.400 10.5	(TGA)[D2066LF02]									
	[D2066LF12]									
	[D2066LF32]									
	(TGS)[D2066LF26]	10.07-	114007	28	80					
	[D2066LF37]	10.07-	114007	28	80					
		07.08-	113998	28	110					
[D2066LF41]	10.07-	114007	28	80						
	07.08-	113998	28	110						
37.410 12.0	(TGA)[D2866LF28]						12.04-	110206	24	5.4
37.430 10.5	(TGA)[D2066LF01]									
	[D2066LF11]									
	[D2066LF31]									
37.440 10.5	(TGA)[D2066LF01]									
	[D2066LF11]									
	[D2066LF31]									
	(TGS)[D2066LF25]	10.07-	114007	28	80					
	[D2066LF36]	10.07- 07.08-	114007	28	80					
		113998	28	110						
[D2066LF40]	10.07-	114007	28	80						
	07.08-	113998	28	110						
37.460 12.8	(TGA)[D2876LF04]						12.04-	110206	24	5.4
37.480 12.4	(TGA)[D2676LF01]									
39.400 10.5	(TGA)[D2066LF37]	07.06-	114007	28	80					
39.440 10.5	(TGA)[D2066LF36]	07.06-	113998	28	110					
39.480 12.4	(TGA)[D2676LF05]	07.06-	113998	28	110					



Application list

MAN Continued

40.372 12.0	(F 90)[D2866LF03]	12.91- 08.93	110761	28	35	12.91- 06.96	110206	24	5.4	
		12.91- 04.92	110895	28	55					
		12.91- 06.96	112159	28	80					
[D2866LF05]		12.91- 08.93	110761	28	35	12.91- 06.96	110206	24	5.4	
		12.91- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
[D2866LF15]		12.91- 06.96	112159	28	80	12.91- 06.96	110206	24	5.4	
		09.93- 06.96	113920	28	35					
40.390 10.5	(TGA)[D2066LF02]									
	[D2066LF06]									
	[D2066LF37]									
40.400 10.5	(TGA)[D2066LF02]					06.05-	110210	24	6.6	
						06.05-	110210	24	6.6	
						06.05-	110210	24	6.6	
	(TGS)[D2066LF06]	02.11-	113998	28	110	02.11-	114031	24	5.5	
		02.11-	114007	28	80					
	[D2066LF49]		02.11-	113998	28	110	02.11-	114031	24	5.5
[D2066LF63]		02.11-	113998	28	110	02.11-	114031	24	5.5	
		02.11-	114007	28	80					
		02.11-	114031	28	80					
40.402 12.0	(F 90)[D2866LF16]	05.95- 06.96	112159	28	80	05.95- 06.96	110206	24	5.4	
		05.95- 06.96	113920	28	35					
40.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28	55	01.94-	110206	24	5.4	
40.410 12.0	(TGA)[D2866LF28]	04.04-	113998	28	110					
		04.04- 12.05	114008	28	80					
		04.04-	113998	28	110					
	[D2866LF32]	04.04- 12.05	114008	28	80					
40.414 12.0	(F 2000)	05.01-	110895	28	55					
40.422 12.0	(F 90)[D2866LF06]	12.91- 08.93	110761	28	35	12.91- 06.96	110206	24	5.4	
		12.91- 04.92	110895	28	55					
		12.91- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
		12.91- 08.93	110761	28	35					
		12.91- 06.96	112159	28	80					
[D2866LF09]		09.93- 06.96	113920	28	35	12.91- 06.96	110206	24	5.4	
		12.91- 06.96	112159	28	80					
		09.93- 06.96	113920	28	35					
40.430 10.5	(TGA)[D2066LF01]									
	[D2066LF36]									
40.440 10.5	(TGA)[D2066LF01]					02.11-	114031	24	5.5	
		(TGS)[D2066LF50]	02.11-	113998	28					110
			02.11-	114007	28					80
[D2066LF62]		02.11-	113998	28	110	02.11-	114031	24	5.5	
		02.11-	114007	28	80					
40.440 12.4	(TGS)[D2676LF04]	02.11-	113998	28	110	02.11-	114031	24	5.5	
		02.11-	114007	28	80					
40.460 12.8	(TGA)[D2876LF07]	04.04-	113998	28	110					
		04.04-	114008	28	80					
40.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90	110761	28	35	07.89- 02.90	111046	24	6.6	
		07.89- 02.90	110895	28	55					
		07.89- 02.90	112159	28	80					
		07.89- 02.90	110761	28	35					
		07.89- 02.90	110895	28	55	07.89- 02.90	112120	24	6.6	
		07.89- 02.90	112159	28	80	07.89- 02.90	110210	24	6.6	
		07.89- 02.90	110895	28	55	07.89- 02.90	110550	24	4.0	
		07.89- 02.90	112159	28	80	07.89- 02.90	113855	24	5.4	
40.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28	55	01.94-	110206	24	5.4	
40.480 12.4	(TGA)[D2676LF02]									
	[D2676LF03]									
40.480 12.8	(TGA)[D2876LF12]	04.04-	113998	28	110	04.04-	113855	24	5.4	
		04.04- 09.06	114008	28	80					
		04.04-	113998	28	110					
[D2876LF25]		04.04- 09.06	114008	28	80	04.04-	113855	24	5.4	
		04.04-	113998	28	110					
		04.04- 09.06	114008	28	80					
40.502 18.3	(F 90)[D2840LF01]	02.90- 06.96	110761	28	35	02.90- 06.96	110550	24	4.0	
		02.90- 06.96	110895	28	55					
		02.90- 06.96	112159	28	80					
		02.90- 06.96	113920	28	35					
		02.90- 06.96	110761	28	35					
		02.90- 06.96	110895	28	55					
	[D2840LF04]		02.90- 06.96	110895	28	55	02.90- 06.96	110550	24	4.0
			02.90- 06.96	112159	28	80	02.90- 06.96	110210	24	6.6
			02.90- 06.96	113920	28	35	02.90- 06.96	111046	24	6.6
	[D2840LF06]		02.90- 06.96	110761	28	35	02.90- 06.96	110210	24	6.6
			02.90- 06.96	110895	28	55	02.90- 06.96	111046	24	6.6
			02.90- 06.96	112159	28	80				
		02.90- 06.96	113920	28	35					
41.262 10.0	(F 90)[D2865LF/260]	07.89- 02.90	110761	28	35	07.89- 02.90	110206	24	5.4	
		07.89- 02.90	110895	28	55					
		07.89- 02.90	112159	28	80					
		07.89- 02.90	110761	28	35					
		07.89- 02.90	110895	28	55	07.89- 02.90	110210	24	6.6	
		07.89- 02.90	112159	28	80	07.89- 02.90	112120	24	6.6	
		07.89- 02.90	110761	28	35	07.89- 02.90	110550	24	4.0	
		07.89- 02.90	110895	28	55	07.89- 02.90	111046	24	6.6	
		07.89- 02.90	112159	28	80	07.89- 02.90	113855	24	5.4	
		07.89- 02.90	110761	28	35	07.89- 02.90	110210	24	6.6	
		07.89- 02.90	110895	28	55	07.89- 02.90	110206	24	5.4	
		07.89- 02.90	112159	28	80	07.89- 02.90	112120	24	6.6	
		07.89- 02.90	110761	28	35	07.89- 02.90	110550	24	4.0	
		07.89- 02.90	110895	28	55	07.89- 02.90	111046	24	6.6	
		07.89- 02.90	112159	28	80	07.89- 02.90	111046	24	6.6	
		07.89- 02.90	113920	28	35	07.89- 02.90	113855	24	5.4	
41.272 10.0	(F 90)[D2865LF02]	02.90- 12.91	110761	28	35	02.90- 12.91	110210	24	6.6	
		02.90- 12.91	110895	28	55					
		02.90- 12.91	112159	28	80					
		02.90- 12.91	110761	28	35					
		02.90- 12.91	110895	28	55	02.90- 12.91	110206	24	5.4	
		02.90- 12.91	112159	28	80	02.90- 12.91	112120	24	6.6	
		02.90- 12.91	110761	28	35	02.90- 12.91	110550	24	4.0	
		02.90- 12.91	110895	28	55	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	112159	28	80	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	113920	28	35	02.90- 12.91	113855	24	5.4	
		02.90- 12.91	110761	28	35	02.90- 12.91	110210	24	6.6	
		02.90- 12.91	110895	28	55	02.90- 12.91	110206	24	5.4	
		02.90- 12.91	112159	28	80	02.90- 12.91	112120	24	6.6	
		02.90- 12.91	110761	28	35	02.90- 12.91	110550	24	4.0	
		02.90- 12.91	110895	28	55	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	112159	28	80	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	113920	28	35	02.90- 12.91	113855	24	5.4	
		02.90- 12.91	110761	28	35	02.90- 12.91	110210	24	6.6	
		02.90- 12.91	110895	28	55	02.90- 12.91	110206	24	5.4	
		02.90- 12.91	112159	28	80	02.90- 12.91	112120	24	6.6	
		02.90- 12.91	110761	28	35	02.90- 12.91	110550	24	4.0	
		02.90- 12.91	110895	28	55	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	112159	28	80	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	113920	28	35	02.90- 12.91	113855	24	5.4	
		02.90- 12.91	110761	28	35	02.90- 12.91	110210	24	6.6	
		02.90- 12.91	110895	28	55	02.90- 12.91	110206	24	5.4	
		02.90- 12.91	112159	28	80	02.90- 12.91	112120	24	6.6	
		02.90- 12.91	110761	28	35	02.90- 12.91	110550	24	4.0	
		02.90- 12.91	110895	28	55	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	112159	28	80	02.90- 12.91	111046	24	6.6	
		02.90- 12.91	113920	28	35	02.90- 12.91	113855	24	5.4	
		02.90- 12.91	110761	28	35	02.90- 12.91	110210	24	6.6	
		02.90- 12.91	110895	28	55	02.90- 12.91	110206	24	5.4	
		02.90- 12.91	112159	28	80	02.90- 12.91	112120	24	6.6	
		02.90- 12.91	110761	28	35</					



41.372 12.0	(F 90)[D2866LF03]	02.90- 05.94	110761	28	35	02.90- 05.94	110206	24	5.4
		02.90- 04.92	110895	28	55				
		02.90- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
	[D2866LF05]	02.90- 05.94	110761	28	35	10.92- 11.92	110206	24	5.4
		02.90- 06.96	112159	28	80				
		10.92- 05.94	110895	28	55				
		09.93- 06.96	113920	28	35				
	[D2866LF15]	02.90- 06.96	112159	28	80	05.94- 06.96	110206	24	5.4
		09.93- 06.96	113920	28	35				
41.390 10.5	(TGA)[D2066LF02]	09.07-	113998	28	110				
	[D2066LF12]								
	[D2066LF32]								
41.400 10.5	(TGA)[D2066LF02]	09.07-	113998	28	110				
	[D2066LF06]								
	[D2066LF12]								
	[D2066LF32]								
	(TGS)[D2066LF26]	10.07-	114007	28	80				
	[D2066LF37]	10.07-	114007	28	80				
	[D2066LF41]	10.07-	114007	28	80				
41.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28	80	05.94- 05.94	110206	24	5.4
		05.94- 06.96	113920	28	35				
41.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28	55	08.95-	110206	24	5.4
		08.95-	112159	28	80	08.95-	111046	24	6.6
		08.95-	113289	28	90	08.95-	113855	24	5.4
		08.95-	113295	28	55				
		08.95- 09.01	113920	28	35				
41.410 12.0	(E2000 Evolution)[D2866LF25]	07.06-	114008	28	80	05.00-	110206	24	5.4
	(TGA)[D2866LF28]	05.01-	110895	28	55	12.04-	110206	24	5.4
41.414 12.0	(F 2000)	02.90- 08.93	110761	28	35				
41.422 12.0	(F 90)[D2866LF06]	02.90- 04.92	110895	28	55	02.90- 05.94	110206	24	5.4
		02.90- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
	[D2866LF09]	02.90- 08.93	110761	28	35	02.90- 05.94	110206	24	5.4
		02.90- 06.96	112159	28	80				
		09.93- 06.96	113920	28	35				
41.430 10.5	(TGA)[D2066LF01]	09.07-	114007	28	80				
	[D2066LF11]								
	[D2066LF31]								
41.440 10.5	(TGA)[D2066LF01]	07.06-	114007	28	80				
	[D2066LF11]	10.07-	113998	28	110				
	[D2066LF31]	10.07-	113998	28	110				
	[D2066LF36]	06.08-	114007	28	80				
	(TGS)[D2066LF25]	10.07-	113998	28	110				
	[D2066LF36]	10.07-	113998	28	110				
	[D2066LF40]	10.07-	113998	28	110				
		06.08-	114007	28	80				
41.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35				
	(TGA)[D2876LF04]					12.04-	110206	24	5.4
41.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28	55	08.95-	111046	24	6.6
		08.95-	112159	28	80	08.95-	110206	24	5.4
		08.95-	113289	28	90	08.95-	113855	24	5.4
		08.95-	113295	28	55				
		08.95- 09.01	113920	28	35				
41.464 12.8	(F 2000)[D2876LF06]	06.98-	110895	28	55				
		03.02-	110895	28	55				
41.480 12.4	(TGA)[D2676LF01]	07.06-	114007	28	80				
	[D2676LF05]								
41.480 12.8	(TGA)[D2876LF12]	07.06-	113998	28	110	06.05-	113855	24	5.4
41.530 12.8	(TGA)[D2876LF12]	07.06-	114008	28	80				
	[D2876LF13]	09.02-	113998	28	110	06.03-	110206	24	5.4
		06.03-	114008	28	80	09.02-	113855	24	5.4
41.540 12.4	(TGX)[D2676LF13]								
41.660 18.3	(TGA)[D2840LF25]					09.02-	110210	24	6.6
41.680 16.2	(TGX)[D2868LF03]								
48.292 12.0	(F 90)[D2866LF/290]	07.89- 02.90	110761	28	35	07.89- 02.90	113855	24	5.4
		07.89- 02.90	110895	28	55	07.89- 02.90	110206	24	5.4
		07.89- 02.90	112159	28	80	07.89- 02.90	111046	24	6.6
48.332 12.0	(F 90)[D2866LF/330]	07.89- 02.90	110761	28	35	07.89- 02.90	113855	24	5.4
		07.89- 02.90	110895	28	55	07.89- 02.90	110206	24	5.4
		07.89- 02.90	112159	28	80	07.89- 02.90	111046	24	6.6
48.362 12.0	(F 90)[D2866LXF]	07.89- 02.90	110761	28	35	07.89- 02.90	113855	24	5.4
		07.89- 02.90	110895	28	55	07.89- 02.90	110206	24	5.4
		07.89- 02.90	112159	28	80	07.89- 02.90	111046	24	6.6
48.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90	110761	28	35	07.89- 02.90	111046	24	6.6
		07.89- 02.90	110895	28	55	07.89- 02.90	112120	24	6.6
		07.89- 02.90	112159	28	80	07.89- 02.90	110210	24	6.6
50.410 12.0	(E2000 Evolution)[D2866LF25]					10.00-	110206	24	5.4
50.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28	35				
6.90 3.8	(G)[D0224MF]	10.79- 09.87	112732	28	27	10.79- 09.87	113759	24	4.0
		02.83- 09.87	112779	28	35	07.83- 09.87	113468	24	4.0
						10.79- 09.87	111640	24	4.0
						07.83- 09.87	113479		
8.90 3.8	(G)[D0224MF]	10.79- 09.87	112732	28	27	07.83- 09.87	113468	24	4.0
		02.83- 09.87	112779	28	35	10.79- 09.87	111640	24	4.0
						10.79- 09.87	113759	24	4.0
						04.94- 06.97	113468	24	4.0
EL 202 6.9	(EL Series)[D0826LUH]	04.94- 06.97	111842	28	140	01.93- 06.97	113468	24	4.0
	[D0826LUH03]	01.93- 06.97	111842	28	140	01.93- 06.97	110206	24	5.4
						01.93- 06.97	111640	24	4.0
	[D0826LUH05]	04.94- 06.97	111842	28	140	01.93- 06.97	110206	24	5.4
						01.93- 06.97	113468	24	4.0
	[D0826LUH12]	01.93- 06.97	111842	28	140	01.93- 06.97	113468	24	4.0
						01.93- 06.97	110206	24	5.4
EL 222 6.9	(EL Series)[D0826LUH03]	01.93- 06.97	111842	28	140	01.93- 06.97	113468	24	4.0
						01.93- 06.97	110206	24	5.4
	[D0826LUH05]	01.93- 06.97	111842	28	140	01.93- 06.97	110206	24	5.4
						01.93- 06.97	113468	24	4.0
	[D0826LUH12]	01.93- 06.97	111842	28	140	01.93- 06.97	113468	24	4.0
						01.93- 06.97	110206	24	5.4
EL 262 12.0	(EL Series)[D2866LUH22]	07.98-	111842	28	140	07.98-	112120	24	6.6
						07.98-	110206	24	5.4
						07.98-	110210	24	6.6
						07.98-	110550	24	4.0
						07.98-	111046	24	6.6
						07.98-	113855	24	5.4
EL 262 6.9	(EL Series)[D0826LUH]	02.96- 06.98	111842	28	140	04.94- 06.97	113468	24	4.0
						04.94- 06.97	110550	24	4.0
						04.94- 06.97	111640	24	4.0
EM 11.222 6.9	[D0826LOH15]	02.96- 09.01	111842	28	140				
EM 13.222 6.9	[D0826LUH12]	06.97- 09.01	111842	28	140				
EM 192 6.9	(EM Series)[D0826LOH06]	10.93- 06.97	110895	28	55	10.93- 06.97	113468	24	4.0
		10.93- 06.97	111842	28	140	10.93- 06.97	110206	24	5.4
		10.93- 06.97	112159	28	80	10.93- 06.97	113759	24	4.0
		10.93- 06.97	113920	28	35	10.93- 06.97	111640	24	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

EM 222 6.9	(EM Series)[D0826LOH15]	02.96-	111842	28	140	02.96-	110206	24	5.4
						06.00- 09.00	112446	24	4.0
						02.96-	113759	24	4.0
						02.96-	113855	24	5.4
	[D0826LUH12]	02.96- 09.01	111842	28	140	02.96-	113759	24	4.0
						02.96-	113855	24	5.4
EM 223 6.9	(EM Series)[D0826LOH15]	02.96- 09.01	111842	28	140	02.96- 09.01	110206	24	5.4
						07.01- 09.01	111640	24	4.0
						06.00- 09.01	112446	24	4.0
						02.96-	113759	24	4.0
						02.96-	113855	24	5.4
	[D0826LUH12]	02.96-	111842	28	140	02.96- 01.00	113468	24	4.0
						02.96-	110206	24	5.4
						02.00-	112446	24	4.0
						02.96-	113759	24	4.0
						02.96-	113855	24	5.4
FRH 422 12.0	(Lions Star)[D2866LOH20]	01.93- 09.96	111842	28	140	01.93- 09.96	110210	24	6.6
						01.93- 09.96	110206	24	5.4
						01.93- 09.96	110550	24	4.0
						09.93- 09.96	111046	24	6.6
NG 262 10.0	(NG Series)[D2865LUH09]	06.97- 07.98	111842	28	140	06.97- 07.98	110206	24	5.4
						06.97- 07.98	110210	24	6.6
						06.97- 07.98	110550	24	4.0
NG 262 12.0	(NG Series)[D2866LUH22]	07.98-	111842	28	140	07.98-	112120	24	6.6
						07.98-	110206	24	5.4
						07.98-	110210	24	6.6
						07.98-	110550	24	4.0
						07.98-	111046	24	6.6
						07.98-	113855	24	5.4
NG 262 6.9	(NG Series)[D0826LUH01]					08.92- 09.95	110206	24	5.4
						08.92- 09.95	113468	24	4.0
						08.92- 07.98	113759	24	4.0
NG 263 12.0	(NG Series)[D2866LUH22]	07.98- 12.01	111842	28	140	07.98-	112120	24	6.6
						07.98- 09.01	110210	24	6.6
						07.98- 09.01	110206	24	5.4
						07.98-	110550	24	4.0
						07.98-	111046	24	6.6
						07.98-	113855	24	5.4
NG 272 6.9	(NG Series)[D0826LUH01]	08.92- 09.95	111842	28	140	08.92- 09.95	113468	24	4.0
						08.92- 09.95	110206	24	5.4
						08.92- 07.98	113759	24	4.0
NG 312 10.0	(NG Series)[D2865LUH07]	09.95- 07.98	111842	28	140	09.95- 07.98	110206	24	5.4
						09.95- 07.98	110210	24	6.6
						09.95- 07.98	110550	24	4.0
NG 312 12.0	(NG Series)[D2866LUH26]	07.98-	111842	28	140	07.98-	112120	24	6.6
						07.98-	110206	24	5.4
						07.98-	110210	24	6.6
						07.98-	110550	24	4.0
						07.98-	111046	24	6.6
						07.98-	113855	24	5.4
NG 313 12.0	(NG Series)[D2866LUH26]	07.98- 12.01	111842	28	140	07.98-	112120	24	6.6
						07.98- 12.01	110210	24	6.6
						07.98- 12.01	110206	24	5.4
						07.98-	110550	24	4.0
						07.98-	111046	24	6.6
						07.98-	113855	24	5.4
NL 202 6.9	(NL Series)[D0826LUH]	09.89- 04.94	111842	28	140	09.89- 03.97	113468	24	4.0
						09.89- 04.94	110206	24	5.4
						09.89- 04.94	11046	24	6.6
						04.94- 02.97	112446	24	4.0
						09.89- 04.94	113855	24	5.4
	[D0826LUH03]	08.92-	111842	28	140	08.92-	110206	24	5.4
						08.92-	111046	24	6.6
						08.92-	113468	24	4.0
						08.92-	113855	24	5.4
	[D0826LUH12]	11.95-	111842	28	140	11.95-	110206	24	5.4
						08.92-	111046	24	6.6
						08.92-	113855	24	5.4
NL 222 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28	140	08.92-	111046	24	6.6
						08.92-	113855	24	5.4
	[D0826LUH12]	08.92- 09.01	111842	28	140	11.95- 11.99	110206	24	5.4
		07.98- 09.01	113289	28	90	11.95- 11.99	113468	24	4.0
						08.92-	111046	24	6.6
						08.92-	113855	24	5.4
NL 223 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28	140	08.92-	113855	24	5.4
						08.92-	111046	24	6.6
	[D0826LUH12]	08.92- 09.01	111842	28	140	07.98- 09.01	112446	24	4.0
		07.98- 09.01	113289	28	90	07.98- 09.01	113468	24	4.0
						07.98- 09.01	110206	24	5.4
						08.92-	111046	24	6.6
						08.92-	113855	24	5.4
NL 262 10.0	(NL Series)[D2865LUH09]	06.97-	111842	28	140	06.97-	112120	24	6.6
						06.97-	110206	24	5.4
						06.97-	110210	24	6.6
						06.97-	110550	24	4.0
						06.97-	111046	24	6.6
						06.97-	113855	24	5.4
NL 262 12.0	(NL Series)[D2866LUH22]	07.98-	111842	28	140	07.98-	112120	24	6.6
						07.98-	110206	24	5.4
						07.98-	110210	24	6.6
						07.98-	110550	24	4.0
						07.98-	111046	24	6.6
						07.98-	113468	24	4.0
						07.98-	113855	24	5.4
NL 262 6.9	(NL Series)[D0826LUH]	02.96- 06.98	111842	28	140	04.94- 03.97	113468	24	4.0
						04.94-	111046	24	6.6
						04.94- 02.97	112446	24	4.0
NL 263 12.0	(NL Series)[D2866LUH22]	07.98- 09.01	111842	28	140	07.98-	112120	24	6.6
						11.99- 09.01	110210	24	6.6
						07.98- 09.01	110206	24	5.4
						07.98-	111046	24	6.6
						07.98-	113855	24	5.4
NL 263 6.9	(NL Series)[D0826LUH]	04.91- 03.97	111842	28	140	04.94- 03.97	113468	24	4.0
						04.94-	111046	24	6.6
NL 312 10.0	(NL Series)[D2865LUH07]	11.95- 07.98	111842	28	140	11.95- 07.98	110206	24	5.4
						11.95- 07.98	110210	24	6.6
						11.95- 07.98	110550	24	4.0

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



NL 313 12.0	(NL Series)[D2866LUH26]	07.98-	111842	28	140	07.98-	112120	24	6.6
		07.98-	113289	28	90	07.98-	110206	24	5.4
NM 152 4.4	(NM Series)[D0824LOH01]	04.92- 05.96	111842	28	140	07.98-	110210	24	6.6
		04.92- 05.96	112159	28	80	07.98-	111046	24	6.6
NM 152 6.9	(NM Series)[D0826OH02]	05.90- 10.93	111842	28	140	07.98-	113855	24	5.4
		05.90- 10.93	112159	28	80	07.98-	113759	24	4.0
NM 182 6.9	(NM Series)[D0826LOH01]	05.90- 03.97	111842	28	140	04.92- 03.97	113759	24	4.0
		10.93- 03.97	110895	28	55	04.92- 05.96	112446	24	4.0
NM 192 6.9	(NM Series)[D0826LOH01]	10.93- 03.97	112159	28	80	05.90- 10.93	110206	24	5.4
		10.93- 03.97	113920	28	35	05.90- 10.93	113759	24	4.0
NM 222 6.9	(NM Series)[D0826LOH15]	05.90- 03.97	111842	28	140	05.90- 03.97	113759	24	4.0
		05.90- 03.97	111842	28	140	05.90- 03.97	113468	24	4.0
NM 223 6.9	(NM Series)[D0826LOH15]	05.90- 03.97	111842	28	140	05.90- 03.97	110206	24	5.4
		05.90- 03.97	111842	28	140	05.90- 03.97	113759	24	4.0
NM 263 10.0	(NU Series)[D2865LUH09]	09.96- 07.98	111842	28	140	05.90- 03.97	113468	24	4.0
		09.96- 07.98	113289	28	90	05.90- 03.97	110206	24	5.4
NM 263 12.0	(NU Series)[D2866LUH22]	07.98-	111842	28	140	05.90- 03.97	113468	24	4.0
		07.98-	111842	28	140	05.90- 03.97	110206	24	5.4
NM 263 6.9	(NU Series)[D0826LUH13]	07.98-	111842	28	140	02.96- 01.00	113468	24	4.0
		07.98-	113289	28	90	02.96- 07.98	110206	24	5.4
NU 313 12.0	(NU Series)[D2866LUH26]	07.98-	111842	28	140	02.96- 07.98	11046	24	6.6
		07.98-	113289	28	90	02.96- 07.98	11640	24	4.0
NU 313 15 12.0	(NU Series)[D2866LUH26]	07.98-	111842	28	140	02.00-	112446	24	4.0
		07.98-	113289	28	90	02.96-	113759	24	4.0
NU 353 15 12.0	(NU Series)[D2866LUH21]	07.98-	111842	28	140	02.96-	113855	24	5.4
		07.98-	113289	28	90	02.96-	113855	24	5.4
R 292 12.0	(R Series)[D2866TOH]	05.85- 01.93	110895	28	55	08.87-	113468	24	4.0
		05.85- 01.93	111628	28	140	08.87-	110206	24	5.4
R 362 12.0	(R Series)[D2866KUH]	05.85- 01.93	110895	28	55	08.87-	11640	24	4.0
		05.85- 01.93	111628	28	140	08.87-	113759	24	4.0
RH 352 12.0	(Lions Coach)[D2866LOH26]	09.95-	111842	28	140	02.96- 09.01	110206	24	5.4
		09.95-	111842	28	140	02.96- 09.01	110206	24	5.4
RH 402 12.0	(Lions Star)[D2866LOH23]	09.95-	111842	28	140	02.96- 09.01	11046	24	6.6
		09.95-	111842	28	140	02.96- 09.01	11046	24	6.6



Application list

MAN Continued

RH 403 12.0	(Lions Coach)[D2866LOH23]	09.95- 09.01	111842	28	140	09.95- 09.01	110210	24	6.6
						09.95- 09.01	110206	24	5.4
						09.95-	111046	24	6.6
						09.95-	113855	24	5.4
RH 414 12.0	(Lions Star)[D2866LOH34]	09.95- 09.01	111842	28	140	09.95- 09.01	110210	24	6.6
						09.95- 09.01	110206	24	5.4
						09.95-	110550	24	4.0
						09.95-	111046	24	6.6
RH 463 12.8	(Lions Coach)[D2876LOH01]	06.99- 09.01	111842	28	140	06.99- 09.01	110210	24	6.6
						06.99- 09.01	110206	24	5.4
						01.00-	110206	24	5.4
						10.01-	110206	24	5.4
RH 464 12.8	(Lions Star)[D2876LOH03]	06.99- 09.01	111842	28	140	06.99- 09.01	110210	24	6.6
						06.99- 09.01	110206	24	5.4
						10.01-	110210	24	6.6
						10.01-	110446	24	6.6
RHC 414 12.0	(Lions Coach)[D2866LOH34]	09.02-	111842	28	140	09.02-	110206	24	5.4
						09.02-	110210	24	6.6
						06.02-	111046	24	6.6
						01.00-	110206	24	5.4
RHC 464 12.8	(Lions Coach)[D2876LOH02]	01.00-	113289	28	90	06.99- 09.01	110206	24	5.4
						10.01-	110206	24	5.4
						03.00-	111842	28	140
						10.01-	113289	28	90
RHS 414 12.0	(Lions Star)[D2866LOH34]	03.00-	111842	28	140	10.01-	110206	24	5.4
						10.01-	113289	28	90
						10.01-	111842	28	140
						10.01-	113289	28	90
RHS 464 12.8	(Lions Star)[D2876LOH03]	10.01-	111842	28	140	10.01-	110210	24	6.6
						10.01-	110206	24	5.4
						10.01-	110210	24	6.6
						03.00-	111046	24	6.6
RN 313 12.0	(Lions Comfort)[D2866LUH20]	09.96- 12.01	111842	28	140	09.96-	112120	24	6.6
						09.96-	110206	24	5.4
						09.96-	110210	24	6.6
						09.96-	111046	24	6.6
RN 353 12.0	(Lions Coach)[D2866LOH26]	09.95- 09.01	111842	28	140	09.95- 09.01	110210	24	6.6
						09.95- 09.01	110206	24	5.4
						09.95-	110550	24	4.0
						09.95-	111046	24	6.6
SD 200 11.0	(SD Series)[D2556MXUH/175]	04.74- 09.75	111842	28	140	04.74- 09.75	110210	24	6.6
						04.74- 09.75	111046	24	6.6
						04.74- 09.75	112120	24	6.6
						04.74- 09.75	110210	24	6.6
SD 200 11.4	(SD Series)[D2566MUH/175]	07.80- 11.86	111629	28	120	07.80- 11.86	110210	24	6.6
						07.80- 11.86	110446	24	6.6
						10.75- 04.80	113855	24	5.4
						10.75- 04.80	110210	24	6.6
SD 200 11.4	(SD Series)[D2566MUH/175]	07.80- 11.86	111629	28	120	07.80- 11.86	110210	24	6.6
						07.80- 11.86	110446	24	6.6
						10.75- 11.86	112120	24	6.6
						10.75- 11.86	113855	24	5.4
SD 200 11.4	(SD Series)[D2566MUH/200]	07.80- 11.86	111629	28	120	07.80- 11.86	112120	24	6.6
						05.80- 11.86	110210	24	6.6
						07.80- 11.86	110550	24	4.0
						10.75- 11.86	111046	24	6.6
SD 200 11.4	(SD Series)[D2566MUH/220]	07.80- 11.86	111629	28	120	07.80- 11.86	112120	24	6.6
						06.79- 12.86	110210	24	6.6
						06.79- 12.86	110550	24	4.0
						06.79- 12.86	111046	24	6.6
SD 200 11.4	(SD Series)[D2566MUH]	07.80- 11.86	111629	28	120	07.80- 11.86	112120	24	6.6
						10.85- 04.94	110210	24	6.6
						10.85- 04.94	111046	24	6.6
						10.85- 04.94	113855	24	5.4
SG 220 11.4	(SG Series)[D2566MUH]	05.80- 01.86	111628	28	120	05.80- 01.86	110210	24	6.6
						05.80- 01.86	112120	24	6.6
						05.80- 01.86	111046	24	6.6
						05.80- 01.86	110550	24	4.0
SG 240 11.4	(SG Series)[D2566MTUH]	07.76- 01.85	111628	28	120	07.76- 01.85	110210	24	6.6
						07.76- 01.85	112120	24	6.6
						07.76- 01.85	111046	24	6.6
						07.76- 01.85	110550	24	4.0
SG 240 12.0	(SG Series)[D2866TUH]	07.80- 01.86	111629	28	120	07.80- 01.86	110210	24	6.6
						11.84- 09.89	112120	24	6.6
						11.84- 09.89	111046	24	6.6
						11.84- 09.89	113855	24	5.4
SG 242 11.4	(SG Series)[D2566MUH]	05.80- 01.86	111628	28	120	05.80- 01.86	110210	24	6.6
						05.80- 01.86	111046	24	6.6
						05.80- 01.86	110210	24	6.6
						05.80- 01.86	110550	24	4.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SG 242 12.0	(SG Series)[D2866TOH]	07.80- 01.86	111629	28	120	09.85- 04.94	112120	24	6.6	
		09.85- 04.94	110895	28	55	09.85- 04.94	110206	24	5.4	
		09.85- 04.94	111628	28	140	09.85- 04.94	111046	24	6.6	
	[D2866TUH]	09.85- 04.94	111842	28	140	09.85- 04.94	113855	24	5.4	
		07.80- 01.86	111629	28	120	09.85- 04.94	112120	24	6.6	
		09.85- 04.94	111628	28	140	09.85- 04.94	110210	24	6.6	
	[D2866UH]	09.85- 04.94	111842	28	140	09.85- 04.94	111046	24	6.6	
		09.85- 04.94	111842	28	140	09.85- 04.94	110550	24	4.0	
		09.85- 04.94	111842	28	140	09.85- 04.94	113855	24	5.4	
	SG 292 12.0	(SG Series)[D2866TOH]	07.80- 01.86	111629	28	120	09.85- 04.94	110210	24	6.6
09.85- 04.94			111628	28	140	09.85- 04.94	112120	24	6.6	
04.88- 04.94			111842	28	140	09.85- 04.94	111046	24	6.6	
[D2866TUH]		08.85- 04.94	113855	24	5.4	09.85- 04.94	110550	24	4.0	
		11.84- 04.94	110895	28	55	09.85- 04.94	113855	24	5.4	
		04.88- 04.94	111842	28	140	11.84- 04.94	110210	24	6.6	
SG 312 10.0		(SG Series)[D2865LUH07]	11.84- 04.94	110895	28	55	11.84- 04.94	112120	24	6.6
			04.94- 06.97	111842	28	140	11.84- 04.94	112120	24	6.6
			04.94- 06.97	111842	28	140	11.84- 04.94	110550	24	4.0
		[D2865LUH08]	09.85- 04.94	110895	28	55	09.85- 04.94	111046	24	6.6
	04.94- 06.97		111842	28	140	09.85- 04.94	110550	24	4.0	
	04.94- 06.97		111842	28	140	11.84- 04.94	113855	24	5.4	
	SG 322 10.0	(SG Series)[D2865LUH07]	02.94- 06.97	110206	24	5.4	02.94- 06.97	110206	24	5.4
			04.94- 06.97	111842	28	140	02.94- 06.97	110206	24	5.4
			04.94- 06.97	111842	28	140	02.94- 06.97	110210	24	6.6
		[D2865LUH08]	02.94- 06.97	110206	24	5.4	04.94- 06.97	110206	24	5.4
04.94- 06.97			111842	28	140	04.94- 06.97	110210	24	6.6	
04.94- 06.97			111842	28	140	02.94- 06.97	110550	24	4.0	
SL 200 11.4		(SL Series)[D2566MUH]	05.80- 04.87	111628	28	140	05.80- 04.87	110210	24	6.6
			07.80- 04.87	111629	28	120	05.80- 04.87	112120	24	6.6
			01.84- 01.86	111842	28	140	05.80- 04.87	111046	24	6.6
		[D2566UH]	05.80- 04.87	111628	28	140	05.80- 04.87	110550	24	4.0
	07.80- 04.87		111629	28	120	05.80- 04.87	113855	24	5.4	
	01.84- 04.87		111842	28	140	05.80- 04.87	113855	24	5.4	
	SL 200 12.0	(SL Series)[D2866UH]	01.86- 04.87	111628	28	140	01.86- 04.87	112120	24	6.6
			01.86- 04.87	111628	28	140	01.86- 04.87	110210	24	6.6
			01.86- 04.87	111842	28	140	01.86- 04.87	111046	24	6.6
		[D2866UH]	01.86- 04.87	111842	28	140	01.86- 04.87	113855	24	5.4
06.84- 04.93			111842	28	140	06.84- 04.93	112120	24	6.6	
06.84- 04.93			111842	28	140	06.84- 04.93	110210	24	6.6	
SL II 202 11.4		(SL Series)[D2566UH]	06.84- 04.93	111842	28	140	06.84- 04.93	110550	24	4.0
			06.84- 04.93	111842	28	140	06.84- 04.93	111046	24	6.6
			06.84- 04.93	111842	28	140	06.84- 04.93	113855	24	5.4
		[D2566UH]	06.84- 04.93	111842	28	140	06.84- 04.93	112120	24	6.6
	06.84- 04.93		111842	28	140	06.84- 04.93	110210	24	6.6	
	06.84- 04.93		111842	28	140	06.84- 04.93	111046	24	6.6	
	SL II 202 12.0	(SL Series)[D2866UH]	06.84- 04.94	111842	28	140	06.84- 04.94	113855	24	5.4
			06.84- 04.94	111842	28	140	06.84- 04.94	112120	24	6.6
			06.84- 04.94	111842	28	140	06.84- 04.94	110210	24	6.6
		[D2866UH]	06.84- 04.94	111842	28	140	06.84- 04.94	111046	24	6.6
06.84- 04.94			111842	28	140	06.84- 04.94	110550	24	4.0	
06.84- 04.94			111842	28	140	06.84- 04.94	113855	24	5.4	
SM 152 6.9		(SM Series)[D0826OH02]	11.87- 04.94	111842	28	140	11.87- 04.94	113468	24	4.0
			11.87- 04.94	111842	28	140	11.87- 04.94	111640	24	4.0
			11.87- 04.94	111842	28	140	11.87- 04.94	113759	24	4.0
		[D0826OH01]	11.87- 02.95	111842	28	140	11.87- 02.95	113468	24	4.0
	11.87- 02.95		111842	28	140	11.87- 02.95	111046	24	6.6	
	11.87- 02.95		111842	28	140	11.87- 02.95	111640	24	4.0	
	SM 182 6.9	(SM Series)[D0826LOH01]	11.87- 02.95	111842	28	140	11.87- 02.95	113759	24	4.0
			11.87- 02.95	111842	28	140	11.87- 02.95	113468	24	4.0
			11.87- 02.95	111842	28	140	11.87- 02.95	111046	24	6.6
		[D0826TOH]	11.87- 02.95	111842	28	140	11.87- 02.95	111640	24	4.0
11.87- 02.95			111842	28	140	11.87- 02.95	113468	24	4.0	
11.87- 02.95			111842	28	140	11.87- 02.95	113759	24	4.0	
SM 192 6.9		(SM Series)[D0826LOH01]	11.87- 02.95	110895	28	55	11.87- 02.95	113855	24	5.4
			11.87- 02.95	110895	28	55	11.87- 02.95	113468	24	4.0
			11.87- 02.95	110895	28	55	11.87- 02.95	111640	24	4.0
		[D0826TOH]	11.87- 02.95	110895	28	55	11.87- 02.95	111640	24	4.0
	11.87- 02.95		110895	28	55	11.87- 02.95	113759	24	4.0	
	11.87- 02.95		110895	28	55	11.87- 02.95	113855	24	5.4	
	SR 240 11.4	(SR Series)[D2566MUH/240]	10.75- 06.83	110543	28	120	10.75- 06.83	110210	24	6.6
			10.75- 06.83	111628	28	120	10.75- 06.83	112120	24	6.6
			05.80- 11.86	111629	28	120	10.75- 06.83	111046	24	6.6
		[D2566MUH]	10.75- 06.83	110543	28	120	10.75- 06.83	110550	24	4.0
10.75- 06.83			110543	28	120	10.75- 06.83	113855	24	5.4	
10.75- 06.83			110543	28	120	10.75- 06.83	113855	24	5.4	
SR 280 11.4		(SR Series)[D2566MTUH]	01.77- 11.86	111628	28	120	01.77- 11.86	110210	24	6.6
			05.80- 11.86	111629	28	120	01.77- 11.86	112120	24	6.6
			01.84- 11.86	111842	28	140	01.77- 11.86	113855	24	5.4
		[D2566MTUH]	01.77- 11.86	111628	28	120	01.77- 11.86	110550	24	4.0
	05.80- 11.86		111629	28	120	01.77- 11.86	111046	24	6.6	
	01.84- 11.86		111842	28	140	01.77- 11.86	113855	24	5.4	
	SR 321 11.4	(SR Series)[D2566MKUH]	01.84- 11.86	111842	28	140	03.82- 11.86	111046	24	6.6
			01.84- 11.86	111842	28	140	03.82- 11.86	113855	24	5.4
			01.84- 11.86	111842	28	140	03.82- 11.86	110210	24	6.6
		[D2566MKUH]	01.84- 11.86	111842	28	140	03.82- 11.86	113855	24	5.4
01.84- 11.86			111842	28	140	03.82- 11.86	111046	24	6.6	
01.84- 11.86			111842	28	140	03.82- 11.86	113855	24	5.4	
SU 240 11.4		(SU Series)[D2566MTUH]	06.80- 09.89	111629	28	120	11.82- 01.86	111046	24	6.6
			11.82- 01.86	111628	28	140	11.82- 01.86	110210	24	6.6
			11.82- 01.86	111628	28	140	11.82- 01.86	110550	24	4.0
		[D2566MUH]	05.80- 09.89	110543	28	120	10.75- 06.83	110210	24	6.6
	06.80- 09.89		111629	28	120	10.75- 06.83	11046	24	6.6	
	06.80- 09.89		111629	28	120	05.80- 09.89	110550	24	4.0	
	SU 240 12.0	(SU Series)[D2866TOH]	05.80- 09.89	111628	28	140	01.86- 09.89	110210	24	6.6
			01.86- 09.89	110895	28	55	01.86- 09.89	110210	24	6.6
			01.86- 09.89	110895	28	55	01.86- 09.89	111046	24	6.6
		[D2866UH]	04.88- 09.89	111842	28	140	01.86- 09.89	11046	24	6.6
06.80- 09.89			111629	28	120	01.86- 09.89	11046	24	6.6	
01.86- 09.89			110543	28	120	01.86- 09.89	110210	24	6.6	
SU 242 12.0		(SU Series)[D2866UH]	01.86- 09.89	111628	28	140	01.86- 09.89	11046	24	6.6
			04.88- 09.89	111842	28	140	01.86- 09.89	11046	24	6.6
			01.86- 09.89	110543	28	120	01.86- 09.89	110210	24	6.6
		[D2866UH]	01.86- 09.89	110543	28	120	01.86- 09.89	110210	24	6.6
	01.86- 09.89		110543	28	120	01.86- 09.89	110210	24	6.6	
	01.86- 09.89		110543	28	120	01.86- 09.89	110210	24	6.6	
	SU 263 12.0	(SU Series)[D2866LUH25]	01.87- 04.93	111628	28	140	01.87- 04.93	110210	24	6.6
			04.88- 04.93	111842	28	140	01.87- 04.93	111046	24	6.6
			04.88- 04.93	111842	28	140	01.87- 04.93	110550	24	4.0
		[D2866LUH25]	09.03- 01.86	111842	28	140	09.03- 01.86	110206	24	5.4
09.03- 01.86			111842	28	140	09.03- 01.86	110206			





Application list

**MAN Continued**

SU 272 10.0	(SU Series)[D2865LUH02]	04.93- 05.95	111628		04.93- 05.95	110206	24	5.4
		04.93- 05.95	111842	28 140	04.93- 05.95	110210	24	6.6
SU 283 6.9	(SU Series)[D0836LOH02]	06.04-	111842	28 140	06.04-	110206	24	5.4
		06.04- 06.04-	113289 113295	28 90 28 55	06.04- 09.06	113759	24	4.0
SU 292 12.0	(SU Series)[D2866TOH]	04.92- 04.93	110543		04.92- 04.93	110206	24	5.4
		04.92- 07.92 04.92- 04.93	110895 111628	28 55				
SU 313 12.0	(SU Series)[D2866LUH24]				06.04-	110206	24	5.4
					06.04-	110210	24	6.6
SU 322 10.0	(SU Series)[D2865LUH08]	05.95- 06.97	111628		05.95- 06.97	110206	24	5.4
		05.95- 06.97	111842	28 140	05.95- 06.97	110210	24	6.6
Various Models			114365	28 140		110550	24	4.0
						112446	24	4.0
						110210	24	6.6
						110206	24	5.4
						113468	24	4.0
UL 272 10.0	(UL Series)[D2865LUH02]	03.93- 07.94	111842	28 140	03.93- 07.94	110206	24	5.4
					03.93- 07.94	110210	24	6.6
UL 292 12.0	(UL Series)[D2866TUH01]	09.89- 03.93	110895	28 55	07.94- 09.95 03.93-	110206 110550	24	5.4 4.0
					09.89- 03.93	110550	24	4.0
UL 312 10.0	(UL Series)[D2865LUH07]	11.92- 03.93	111842	28 140	09.89- 03.93	110210	24	6.6
		04.92- 09.96	111842	28 140	09.95- 09.96	110206	24	5.4
UL 313 12.0	(UL Series)[D2866LUH20]	09.96- 09.01	111842	28 140	09.95- 09.96 04.92- 09.96	110210 110550	24	6.6 4.0
					04.92- 09.96	110206	24	5.4
UL 313 12.0	(UL Series)[D2866LUH20]	09.96- 09.01	111842	28 140	04.92- 09.96	110210	24	6.6
					09.96- 09.01	110206	24	5.4
UL 322 10.0	(UL Series)[D2865LUH07]	04.92- 09.96	111842	28 140	09.96- 09.01	110206	24	5.4
					09.96- 09.01	113855	24	5.4
UL 322 10.0	(UL Series)[D2865LUH07]	04.92- 09.96	111842	28 140	09.96- 09.01	110206	24	5.4
					09.96- 09.01	113855	24	5.4
UL 342 12.0	(UL Series)[D2866UH/240]	11.92- 03.93	111842	28 140	04.92- 09.96 04.92- 09.96	110210 110550	24	6.6 4.0
					04.92- 09.96	110206	24	5.4
UL 353 12.0	(UL Series)[D2866LUH21]	06.97- 12.01	111842	28 140	04.92- 09.96	110210	24	6.6
					06.97- 12.01	110206	24	5.4
					06.97-	110550	24	4.0
					06.97-	113855	24	5.4
<b>Mariner</b>								
<b>MARINE</b>								
200 2.5					01.00- 01.00	112825#	12	
225 3.0			112491#	14 50	01.94- 01.00	112825#	12	
250 3.0			112491#	14 50	01.95- 01.00	112825#	12	
Various Models					01.98- 01.01	113592	12	
					01.98- 01.00	113591	12	
					01.99- 01.01	112830	12	
						110648	12	0.7
<b>Marshall</b>								
<b>AGRICULTURE</b>								
D 100 5.2 Diesel	[WD611.88]	01.90- 09.94	113469	14 33				
D 135 6.6 Diesel	[WD612.87]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 150 6.6 Diesel	[WD612.86]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 642 3.5 Diesel	[WD411.44]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 644 3.5 Diesel	[WD411.44]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 742 3.5 Diesel	[WD411.90]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 744 3.5 Diesel	[WD411.90]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 842 3.5 Diesel	[WD411.88]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 844 3.5 Diesel	[WD411.88]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 944 5.2 Diesel	[WD611.43]	01.90- 09.94	113469	14 33				
Various Models		10.94-	110881	14 55				
		01.90-	113469	14 33				
<b>Massey Ferguson</b>								
<b>AGRICULTURE</b>								
152		01.81- 01.89	111948	14 70				
184		01.85- 01.89	110770	14 55	01.85- 01.89	111346	12	2.8
194		01.82-	111948	14 70				
240 2.5		01.77-	110970	14 65	01.79- 12.88	110819	12	2.8
		01.79- 12.88	111948	14 70	01.79- 12.88	110439	12	2.0
245 2.5		01.77-	110970	14 65	01.77- 12.88	110819	12	2.8
		01.79- 12.88	111948	14 70	01.72- 12.78	112268	12	2.8
					01.77- 12.88	110439	12	2.0
254 2.5		01.73- 12.88	110178	14 36	01.73- 12.78	112268	12	2.8
		Perkins AD3.152 01.77-	110970	14 65	01.82- 01.87	110460	12	2.8
		01.84-	110770	14 55				
		01.79- 12.88	111948	14 70				
255 2.5		01.77-	110970	14 65	01.77- 12.88	110819	12	2.8
		01.77- 12.88	111948	14 70	01.72- 12.78	112268	12	2.8
					01.77- 12.88	110439	12	2.0
260 3.3		01.77-	110970	14 65				
		01.72- 01.75	111948	14 70				
265		01.70-	110970	14 65				
		01.81- 12.88	111948	14 70				
274 3.9		01.84-	110770	14 55	01.83- 12.88	110565	12	2.8
		01.77-	110970	14 65	01.82- 01.86	110460	12	2.8
		01.83- 12.88	111948	14 70				
275		01.77-	110970	14 65				
		01.75- 12.88	111948	14 70				
284 3.9		01.75-	110970	14 65				
		01.79- 12.88	111948	14 70				
285		01.77-	110970	14 65	01.79- 12.88	110442	12	2.1
		01.79- 12.88	111948	14 70	A13 01.79- 12.88	111346	12	2.8



290		01.80-	111948	14	70				
294		01.84-	110770	14	55				
298		01.80- 01.86	111948	14	70			01.80-	110442 12 2.1
								01.80-	111346 12 2.8
350		01.86- 01.92	111355	14	65			01.86-	110819 12 2.8
		01.86- 01.92	110770	14	55			01.86- 01.92	110439 12 2.0
354		01.92- 01.97	111289	14	70				
355		01.86- 01.92	111355	14	65			01.86-	110819 12 2.8
		01.86- 01.92	110770	14	55			01.86- 01.92	110439 12 2.0
360		01.87- 01.90	111355	14	65			01.83-	110819 12 2.8
		01.87- 01.90	110770	14	55				
362		01.88-	111355	14	65				
364		01.92- 01.97	111289	14	70				
365		01.86- 01.90	111355	14	65			01.86- 01.90	110442 12 2.1
		01.86- 01.90	110770	14	55			A13 01.86- 01.90	111346 12 2.8
375		01.86- 01.97	110770	14	55			A13 01.86- 01.97	111346 12 2.8
		01.86- 01.97	111355	14	65			01.86- 01.97	110442 12 2.1
383		01.86-	110770	14	55			01.83-	110442 12 2.1
								01.83-	111346 12 2.8
390		01.86- 01.97	111355	14	65			A13 01.86- 01.97	111346 12 2.8
		01.86- 01.97	110770	14	55			01.86- 01.97	110442 12 2.1
398		01.83- 01.84	110770	14	55			A13 01.83- 01.84	111346 12 2.8
		01.83- 01.84	111355	14	65			01.83- 01.84	110442 12 2.1
		01.83- 01.84	110362						
399		01.86- 01.90	111355	14	65			01.86- 01.90	110442 12 2.1
		01.86- 01.90	110770	14	55			A13 01.86- 01.90	111346 12 2.8
								01.90- 01.96	111737 12 2.8
550			110107	14	55			01.74- 01.81	110439 12 2.0
		01.78- 01.92	111736	14	90			01.74- 01.81	110819 12 2.8
565		01.82- 12.88	111948	14	70				
		01.82- 12.88	110107	14	55				
575		01.81- 12.88	111948	14	70				
		01.81- 12.88	110107	14	55				
685								01.69- 01.71	110443 12 2.1
698		01.81-	110107	14	55			01.83-	110442 12 2.1
		01.83-	110770	14	55			A13 01.83-	111346 12 2.8
699		01.83-	110770	14	55			01.83-	110442 12 2.1
		01.83-	113474	14	65			01.83-	111346 12 2.8
850		01.81- 01.90	111736	14	90				
860		01.81- 01.90	111736	14	90				
865		01.81- 01.90	111736	14	90				
1014		01.83-	110770	14	55				
		01.83-	111185	14	43				
1114		01.84-	110770	14	55				
1134		01.84-	110770	14	55				
1200	[Kohler]	01.71- 01.79	111185	14	43			01.77- 01.78	112245 12
								01.71- 01.82	110814 12 2.7
								01.71- 01.79	111737 12 2.8
1250		01.79-	113474	14	65			01.79-	111346 12 2.8
1450	[Kohler]							01.77- 01.78	112245 12
1650	[Kohler]							01.77- 01.78	112245 12
2640		04.82-	110970	14	65			01.79- 01.85	112136 12 2.8
		01.81- 01.85	111948	14	70				
		01.81- 01.85	110107	14	55				
3055	[Perkins]							01.94- 01.97	110615 12 2.8
3075	[Perkins]							01.94- 01.97	110615 12 2.8
3085		01.88- 01.93	112722	14	70			01.88-	110443 12 2.1
								01.92- 01.93	111737 12 2.8
3085		01.92-	111355	14	65				
3095		01.90-	111355	14	65				
3115		01.90-	111355	14	65				
3120	[Perkins]							01.90- 01.97	110615 12 2.8
3125		01.90-	111355	14	65				
3140	[Perkins]							01.90- 01.95	110615 12 2.8
3635		01.92- 01.95	111940	14	70			01.92- 01.95	110443 12 2.1
3645		01.86- 01.91	111355	14	65			01.89- 01.91	110615 12 2.8
		01.89- 01.91	112722	14	70				
3650		01.86- 01.90	111716	14	70			01.86- 01.90	112136 12 2.8
		01.86- 01.90	111948	14	70				
		01.86- 01.90	110107	14	55				
3655								01.90- 01.95	110615 12 2.8
		01.90- 01.95	112722	14	70			01.90- 01.94	111737 12 2.8
3660	[Perkins]							01.90- 01.95	110615 12 2.8
3670	[Valment]							01.92- 01.94	110615 12 2.8
3680 7.4	[612DS]	06.88-	111355	14	65	LU		06.89- 01.91	111737 12 2.8
		06.88-	111948	14	70	PR		06.88-	110615 12 2.8
3690	[Valment]							01.93- 01.97	110615 12 2.8
3890	[Valment]							01.87- 01.92	110615 12 2.8
4225		01.97-	110770	14	55				
4235		01.97-	110770	14	55				
4240		01.97-	110770	14	55				
4245		01.97- 01.00	110770	14	55				
		01.97- 01.00	111355	14	65				
4255		01.97- 01.00	111355	14	65			01.97- 01.00	111346 12 2.8
4260		01.97-	110770	14	55				
4265		01.97-	110770	14	55				
4270		01.97-	110770	14	55			01.97-	110565 12 2.8
6110		01.92-	111716	14	70				
		01.92-	111940	14	70				
		01.92-	113961	14	120				
6120		01.92-	111716	14	70				
		01.92-	111940	14	70				
		01.92-	113961	14	120				
6130		01.92-	111716	14	70				
		01.92-	111940	14	70				
		01.92-	113961	14	120				
6140		01.92-	111716	14	70				
		01.92-	111940	14	70				
		01.92-	113961	14	120				
6150		01.92-	111716	14	70				
		01.92-	111940	14	70				
		01.92-	113961	14	120				
6160		01.96-	111940	14	70	PR			
		01.96-	112722	14	70	LU			
		01.96-	113961	14	120				
6170	[6.365]	01.96-	111940	14	70	PR		01.96-	110615 12 2.8
		01.96-	112722	14	70	LU			
		01.96-	113961	14	120				
6180	[6.365]	01.96-	111940	14	70	PR		01.96-	110615 12 2.8
		01.96-	112722	14	70	LU			
		01.96-	113961	14	120				
6190		01.96-	111940	14	70	PR		01.95- 01.98	110615 12 2.8
		01.96-	112722	14	70	LU			
		01.96-	113961	14	120				
6235			113961	14	120	VA		110439	12 2.0
			114049	14	120	IS			
6245			113961	14	120	VA		110439	12 2.0
			114049	14	120	IS			



**MASSEY FERGUSON** *Continued*

6255			113961	14	120	VA			110439	12	2.0		
			114049	14	120	IS							
6260			113961	14	120								
6270			114049	14	120	IS	01.99-	01.00	110615	12	2.8		
			113961	14	120	VA							
6280			01.99-	112722	14	70		01.99-	01.00	110615	12	2.8	
			01.99-	113961	14	120	VA						
			01.99-	114049	14	120	IS						
6290			01.99-	112722	14	70		01.99-	01.00	110615	12	2.8	
			01.99-	113961	14	120							
8110			01.96-	111940	14	70							
			01.96-	113961	14	120							
8120	[6.365]		01.96-	111940	14	70		01.96-	110615	12	2.8		
			01.96-	113961	14	120							
8130			01.96-	111940	14	70							
			01.96-	113961	14	120							
8140	[6.403]		01.96-	111940	14	70		01.96-	110615	12	2.8		
			01.96-	113961	14	120							
8150	[6.403]		01.96-	111940	14	70		01.96-	110615	12	2.8		
			01.96-	113961	14	120							
8160	[6.451]		01.96-	111940	14	70		01.96-	110615	12	2.8		
			01.96-	113961	14	120							
8170				113961	14	120							
8180				113961	14	120							
8210				113961	14	120		01.99-	01.00	110615	12	2.8	
8220				113961	14	120		01.99-	01.00	110615	12	2.8	
8240			01.99-	113961	14	120		01.99-	110615	12	2.8		
				113961	14	120			110615	12	2.8		
								01.99-	111737	12	2.8		
8250			01.99-	113961	14	120		01.99-	110615	12	2.8		
			01.99-	113961	14	120		01.99-	110615	12	2.8		
								01.99-	111737	12	2.8		
8260			01.99-	113961	14	120		01.99-	110615	12	2.8		
				113961	14	120			110615	12	2.8		
8270			01.99-	113961	14	120		01.99-	111737	12	2.8		
								01.99-	110615	12	2.8		
8280			01.99-	113961	14	120		01.99-	111737	12	2.8		
								01.99-	110615	12	2.8		
8560			01.86-	01.88	111736	14	90		111737	12	2.8		
					113961	14	120						
8570			01.90-	01.92	111736	14	90						
					113961	14	120						
8590			01.85-	01.92	111736	14	90						
					113961	14	120						
9270			01.92-	111736	14	90							
9720			01.87-	01.92	111736	14	90						
216 GTX	[Kohler]							01.91-	01.94	113230	12	0.7	
218 GTX	[Kohler]							01.91-	01.94	113230	12	0.7	
390 T			01.91-	01.97	111355	14	65		01.91-	01.97	110442	12	2.1
			01.91-	01.97	110770	14	55	A13	01.91-	01.97	111346	12	2.8
Various Models					113961	14	120		01.71-	01.79	111737	12	2.8
			01.76-	12.83	112989	14	60		01.73-	01.81	112313	12	0.5
			01.81-	01.92	111736	14	90		01.90-	01.94	112259	12	
					110970	14	65		01.68-	01.77	110449	12	3.6
			01.77-		111948	14	70		01.51-	110818	12	2.1	
			01.73-		110107	14	55		01.82-	01.92	110460	12	2.8
			01.73-		111184	14	43		01.69-	01.77	110615	12	2.8
			01.83-	01.89	110770	14	55		01.69-	01.81	110439	12	2.0
			01.79-	01.83	110178	14	36		01.70-	110565	12	2.8	
			01.51-		114360	14	70		01.79-	112136	12	2.8	
								01.69-	01.73	110443	12	2.1	
								01.69-	110819	12	2.8		
								01.82-	01.92	113454#	12	3.1	
								01.91-	01.94	111012	12	0.5	
								01.50-	111024	12	3.6		
								01.73-	01.78	111346	12	2.8	
								01.90-	114107	12	3.2		
Matbro													
AGRICULTURE													
Various Models										110462	12	2.8	
										110443	12	2.1	
										110442	12	2.1	
										113269	12	3.0	
Maybach													
PASSENGER CARS EU													
Maybach 5.5 V12	[M285.950]							09.02-	112315				
Mazda													
PASSENGER CARS EU													
2 1.3	[FUJA]	AC 04.03-	114129	14	90								
2 1.4 16V	[FXJA]	AC 04.03-	114129	14	90			04.03-	111906	12	1.1		
2 1.4 CD	[F6JA]	04.03-	113912	14	80								
2 1.6 16V	[FYJA]	AC 04.03-	114129	14	90								
2 1.6 CD MZ								10.08-	113905	12	1.4		
3 1.3		10.03-	114358	14	110								
3 1.4		02.04-	114358	14	110								
3 1.6	[B6ZE]	10.03-	114358	14	110								
	[Z6I]	02.04-	114358	14	110								
3 1.6 Diesel MZR-CD	[BL]							11.10-	113908	12	1.2		
3 1.6 MZR-CD	[BL]	06.09-	113849	14	150			06.09-	113908	12	1.2		
		06.09-	113922	14	120								
3 1.6 TD	[Y601]	06.04-	113849	14	150			06.04-	113908	12	1.2		
		06.04-	113922	14	120								
3 1.6 Turbo Di	[Y601]	06.04-	113849	14	150			10.03-	03.07	113908	12	1.2	
		06.04-	113922	14	120								
3 2.0	[LF17]							10.03-	113795	12	1.0		
3 2.0 CD MRZ	[BK12][RF7J]	12.06-	114111	14	90			12.06-	114059	12	2.3		
	[BK14][RF7J]	12.06-	114111	14	90			12.06-	114059	12	2.3		
3 2.3 MPS	[BK14]							12.06-	01.07	113819	12	1.4	
5 1.6 CD	[CR19]							09.10-	113908	12	1.2		
5 1.8	[L823]							03.05-	113795	12	1.0		
5 2.0	[LFF7]							03.05-	113795	12	1.0		
5 2.0 Diesel Di	[RF7J]	06.05-	114111	14	90			06.05-	114059	12	2.3		
		03.05-	114111	14	90			03.05-	114059	12	2.3		
6 1.8	[GG][L813]	AC 08.02-	113348	14	90			08.02-	113795	12	1.0		
	[GY][L813]	AC 08.02-	113348	14	90			08.02-	113795	12	1.0		
6 2.0	[GG][LF17]	06.02-	113348	14	90			08.02-	113795	12	1.0		
		AC 08.02-	113348	14	90								
	[LF18]	08.02-	113348	14	90			06.02-	113795	12	1.0		
		AC 06.02-	113348	14	90								
	[GY][LF17]	AC 08.02-	113348	14	90			08.02-	113795	12	1.0		
	[LF18]	08.02-	113348	14	90			08.02-	113795	12	1.0		
6 2.0 CD MRZ	[GH]							08.07-	114059	12	2.3		
6 2.0 CITD 4x4	[GY][RF5C]	10.02-	02.05	114112	14	90		10.02-	02.05	114059	12	2.3	
6 2.0 Diesel Di	[GG][RF5C]	08.00-	114112	14	90			06.02-	114059	12	2.3		
	[RF7J]	06.05-	114111	14	90			06.05-	114059	12	2.3		
	[GY][RF5C]	08.02-	114112	14	90			08.02-	114059	12	2.3		
	[RF7J]	06.05-	114111	14	90			06.05-	114059	12	2.3		



6 2.3	(GG)[L3C1]	06 02-	113348	14	90								
	(GV)[L3C1]	08 02-	113348	14	90								
6 2.3 4WD	(GY)	08 02-	113348	14	90								
121 1.1	(DA)[B1]	10.87- 10.90	110136	14	50			10.87- 10.90	110807	12	0.85		
	[B116]	04.89- 10.90	110136	14	50			04.89- 10.90	110807	12	0.85		
121 1.2	(JA_JB)[DHF]	03.96-	113447	14	70			03.96-	113701	12	1.1		
	[DHG]							03.96-	113701	12	1.1		
121 1.3	(DA)[B3]	10.87-	111308#	14	65			10.87- 10.90	110807	12	0.85		
	[JHC]	03.96-	113447	14	70			03.96-	113701	12	1.1		
								03.96-	111131	12	0.8		
	[LJK]	03.96-	113447	14	70			03.96-	113701	12	1.1		
121 1.3 16V	(DB)[B3]	11.90- 03.96	111308#	14	65			AT 11.90- 03.96	110808	12	0.85		
								11.90- 03.96	110807	12	0.85		
121 1.8 Diesel	[RTJ]	03.96-	112121	14	70			A13 03.96-	112290	12	2.2		
								03.96-	110867	12	1.7		
323 1.0	(FA)[F]	06.77- 05.80	110133	14	35								
	[PC]	06.77- 05.80	110133	14	35								
323 1.1	(BD)[E1]	11.80- 10.85	110136	14	50			11.80- 10.85	110149	12	0.9		
	(BF)[E1]							08.85- 08.87	110149	12	0.9		
323 1.3	(BD)[E3]	11.80- 10.85	110136	14	50			11.80- 10.85	110149	12	0.9		
								11.86- 10.89	110808	12	0.85		
								11.80- 10.85	110149	12	0.9		
	(BF)[E3]	Chas. 400001- 04.87- 05.89	112297	14	60			08.85- 05.89	110808	12	0.85		
	(BG)[B383]	09.89- 06.91	110689#	14	65			09.89- 06.91	110808	12	0.85		
	[B3E]	09.89- 07.94	110689#	14	65			09.89- 07.94	110808	12	0.85		
	(BW)[E3]							07.86- 04.90	110808	12	0.85		
	(FA)[T]	01.77- 05.80	110133	14	35								
	[TTC]	01.77- 05.80	110133	14	35								
323 1.3 16V	(BA)[B3]	10.96- 10.98	111384	14	70			10.96-	111970	12	1.0		
								10.96-	110808	12	0.85		
	(BC)[B3]	09.89- 07.94	110689#	14	65			09.89- 07.94	110808	12	0.85		
		09.94- 02.97	111807	14	70								
	(B)[B3ME]	05.98- 10.00	111384	14	70			06.98- 01.01	111970	12	1.0		
								05.98- 10.00	110808	12	0.85		
323 1.3 i	(BF)[B3]							06.87- 05.89	110808	12	0.85		
323 1.4	(BF)[B3]	04.87- 07.89	110689#	14	65			04.87- 10.89	110808	12	0.85		
		09.87- 10.89	112297	14	60								
	(FA)[U]	01.75- 05.80	110133	14	35			01.75- 05.80	110983				
	[UC]	01.75- 08.82	110133	14	35			01.75- 08.82	110983				
323 1.5	(BD)[E5]	06.80- 12.85	110136	14	50			11.80- 12.85	110149	12	0.9		
	(BF)[B5]	Chas. 400001- 04.87- 10.89	112297	14	60			11.86- 10.89	110808	12	0.85		
	[E5]	Chas. 400001- 05.87- 05.89	112297	14	60			11.86- 05.89	110808	12	0.85		
	(BW)[B5]	01.87- 05.89	112297	14	60			01.87- 05.89	110808	12	0.85		
	[B50]	01.87- 04.90	112297	14	60			01.87- 04.90	110808	12	0.85		
	[B53]	01.87- 04.90	112297	14	60			01.87- 04.90	110808	12	0.85		
	[E5]							01.86- 07.87	110808	12	0.85		
	(FA)[D5]	04.82- 05.86	112270	14	35								
323 1.5 16V	(BA)[Z5-DE]	10.96- 08.98	111384	14	70			10.96-	111970	12	1.0		
		10.96-	111807	14	70								
	(B)[ZL]	05.98- 01.01	111384	14	70			05.98-	110149	12	0.9		
								09.98-	110808	12	0.85		
								09.98-	111970	12	1.0		
323 1.5 i Turbo	(BF)[E5E2]	04.87- 05.89	112297	14	60			10.86- 05.89	110808	12	0.85		
		Chas. 400001- 04.87- 05.89	112297	14	60								
323 1.5 i	(BF)[E5E3]	04.87- 05.89	112297	14	60			10.86- 05.89	110808	12	0.85		
		Chas. 400001- 04.87- 05.89	112297	14	60								
323 1.6	(BF)[B68]	09.87- 10.89	112297	14	60			09.87- 10.89	110808	12	0.85		
	(BG)[B6]	03.91- 10.94	110689#	14	65			03.91- 10.94	110808	12	0.85		
	[B6E]	09.89- 06.91	110689#	14	65			09.89- 06.91	110808	12	0.85		
	(BW)[B65M]	06.87- 10.95	112297	14	60			09.86- 03.93	110808	12	0.85		
	[B68]							09.87- 10.89	110808	12	0.85		
323 1.6 4WD	(BW)[B6E]	05.90- 03.93	110689#	14	65			05.90- 03.93	110808	12	0.85		
323 1.6 GT	(BF)[B6]	Chas. 400001- 05.87- 10.89	112297	14	60			08.85- 10.89	110808	12	0.85		
323 1.6 16V	(BG)[B6]	06.89- 10.94	110689#	14	65			06.89- 10.94	110808	12	0.85		
323 1.6 GTI	(BF)[B6]	05.87- 10.89	112297	14	60			01.86- 12.88	110808	12	0.85		
		Chas. 400001- 05.87- 12.88	112297	14	60								
323 1.6 Turbo	(BF)[B6]	10.87- 11.91	112297	14	60			10.85- 11.91	110808	12	0.85		
		Chas. 400001- 10.85- 11.91	112297	14	60								
323 1.6 Turbo GT	(BF)[B6]	04.87- 11.91	112297	14	60			10.85- 11.91	110808	12	0.85		
		Chas. 400001- 04.87- 11.91	112297	14	60								
323 1.6 Turbo GT 4WD	(BF)[B6]	08.87- 11.91	112297	14	60			08.87- 11.91	110808	12	0.85		
		Chas. 400001- 08.87- 11.91	112297	14	60								
323 1.7 Diesel	(BF)[PN27]							04.86- 05.89	110714	12	1.4		
	[PN46]							01.87- 05.89	111443	12	1.7		
								01.87- 05.89	110714	12	1.4		
	(BG)[PN46]	08.89- 03.91	110667#	14	65			08.89- 03.91	111443	12	1.7		
	[PN54]	06.89- 07.94	110667#	14	65			08.89- 07.94	111443	12	1.7		
	[PN62]	03.91- 07.94	110667#	14	65			03.91- 07.94	111443	12	1.7		
	(BW)[PN26]							10.89- 03.93	111443	12	1.7		
		10.89- 03.93	110667#	14	65			11.86- 10.89	110714	12	1.4		
	[PN54]							10.89- 12.90	111443	12	1.7		
323 1.8	(BG)[BP]	04.91- 07.94	110663	14	60			04.91- 07.94	110808	12	0.85		
		04.91- 07.94	110689#	14	65								
323 1.8 4WD	(BG)[BPC]	01.91- 12.93	110663	14	60			06.91- 05.94	110808	12	0.85		
		01.91- 12.93	110689#	14	65			AT 06.91- 05.94	110810	12	1.4		
		02.94- 05.94	111807	14	70								
323 1.8 16V	(BG)[BP]	08.89- 07.94	110663	14	60			08.89- 07.94	110808	12	0.85		
		08.89- 07.94	110689#	14	65								
	[BP52]	09.91- 07.94	110663	14	60			09.91- 07.94	110808	12	0.85		
		09.91- 07.94	110689#	14	65								
	(B)[FPP]	05.98- 10.00	112067	14	80			05.98- 01.01	111730	12	1.0		
323 1.8 16V 4WD	(BG)[BP]	11.91- 12.93	110663	14	60			11.91- 12.93	110808	12	0.85		
		11.91- 12.93	110689#	14	65								
323 1.8 Turbo 16V 4WD	(BG)[BP]	09.90- 07.94	110663	14	60			09.90- 07.94	110808	12	0.85		
		09.90- 07.94	110689#	14	65								
		02.94-	111807	14	70								
323 2.0 Diesel	(BA)[RF1G]							03.97- 09.98	113318	12	2.2		
	(B)[RF]	09.98-	113785	14	80			05.98- 10.00	113318	12	2.2		
	[RF1G]							06.98-	113318	12	2.2		
323 2.0 TD	(B)[RF]							Chas. -128520 09.98- 01.01	113318	12	2.2		
								09.98- 01.01	110389	12	2.2		
								07.98- 10.00	113318	12	2.2		
616 1.6	[NA]							06.73- 02.78	110148	12	0.8		
								06.73- 02.78	110286	12	0.9		
626 1.6	(CD)[H6]	05.79- 05.82	110307	14	60			08.80- 10.82	110286	12	0.9		
		08.80- 10.82	110134	14	55								
		08.80- 10.82	110383#	14	65								
	[N]	05.79- 08.80	110134	14	55			05.79- 08.80	110286	12	0.9		
		05.79- 05.82	110307	14	60								
		05.79- 08.80	110383#	14	65								
	[NA]	10.78- 12.82	110134	14	55			10.78- 12.82	110286	12	0.9		
		10.78- 12.82	110383#	14	65								
		05.79- 05.82	110307	14	60								
	(GC)[F6]												





MAZDA Continued

Application list

	(GF)(GW)[FP9A]	01.00-	112067	14	80	01.00-	111730	12	1.0
	(GV)[F8]	01.88- 03.92	110406#	14	65	01.88- 03.92	110808	12	0.85
		03.88- 03.92	110664	14	70				
	(GW)[FP]	02.98-	112067	14	80	02.98-	111730	12	1.0
626 1.8 i	(GE)[FP]	01.92- 04.97	111317	14	80	01.92- 04.97	111730	12	1.0
						01.92- 04.97	110810	12	1.4
626 2.0	(CB)[MA]	10.78- 12.82	110134	14	55	10.78- 12.82	110286	12	0.9
		10.78- 12.82	110383#	14	65				
		05.79- 05.82	110307	14	60				
	[HE3]	05.79- 05.82	110307	14	60	08.80- 10.82	110286	12	0.9
		08.80- 10.82	110134	14	55				
		08.80- 10.82	110383#	14	65				
	[M]	05.79- 08.80	110134	14	55	05.79- 08.80	110286	12	0.9
		05.79- 05.82	110307	14	60				
		05.79- 08.80	110383#	14	65				
	(GC)[FE]					03.83- 09.87	110149	12	0.9
						11.86- 09.87	110149	12	0.9
	(GD)[FE]	09.87- 10.90	110406#	14	65	09.87- 10.90	110810	12	1.4
		09.87- 10.90	110664	14	70	09.87- 10.90	110808	12	0.85
	(GF)[FS]	05.97-	112067	14	80	05.97-	111730	12	1.0
	[FS2C]	02.98-	112067	14	80	02.98-	111730	12	1.0
	(GV)[FE]	10.88- 09.97	110406#	14	65	10.88- 10.90	110810	12	1.4
		10.88- 10.90	110664	14	70	10.88- 10.90	110808	12	0.85
	(GW)[FS]	02.98-	112067	14	80	02.98-	111730	12	1.0
	[FS2C]	02.98- 10.02	110406#	14	65	02.98-	111730	12	1.0
		02.98-	112067	14	80				
626 2.0 12V	(GD)[FE]	09.87- 05.92	110406#	14	65	09.87- 05.92	110810	12	1.4
		09.87- 05.92	110664	14	70	09.87- 05.92	110808	12	0.85
	(GV)[FE]	09.87- 01.90	110406#	14	65	09.87- 01.90	110810	12	1.4
		03.88- 03.92	110664	14	70	09.87- 01.90	110808	12	0.85
626 2.0 16V	(GD)[FE]	06.87- 05.92	110406#	14	65	07.87- 05.92	110810	12	1.4
		06.87- 05.92	110664	14	70	06.87- 05.92	110808	12	0.85
	(GV)[FE]	01.88- 03.92	110406#	14	65	01.88- 03.92	110810	12	1.4
		01.88- 03.92	110664	14	70	01.88- 03.92	110808	12	0.85
626 2.0 i	(GE)[FS]	08.91- 04.97	111317	14	80	05.94- 04.97	111730	12	1.0
						08.91- 04.94	110810	12	1.4
		11.94- 09.97	110406#	14	65	11.94- 02.98	111730	12	1.0
626 2.0 i 4WD	(GE)[FS]	04.92- 04.97	111317	14	80	05.94- 04.97	111730	12	1.0
						04.92- 04.94	110810	12	1.4
626 2.0 Diesel	(GC)[RF46]					01.83- 06.87	110389	12	2.2
	(GD)[RF-N]	07.87- 07.91	111337	14	70	07.87- 07.91	110389	12	2.2
	(GF)[RF]					04.98-	113318	12	2.2
	(GV)[RF-N]	09.88- 07.91	111337	14	70	09.88- 07.91	110389	12	2.2
	(GW)[RF4F]					04.98-	113318	12	2.2
	[RFG5]					11.94- 02.98	110389	12	2.2
626 2.0 Diesel Complex	(GV)[RF-CX]					05.93-	110389	12	2.2
626 2.0 Diesel GLX Complex	(GE)[RF]					10.92- 04.97	110389	12	2.2
626 2.0 TDDi	(GF)[RF3F]					09.99-	110389	12	2.2
						04.98-	113318	12	2.2
	(GW)[RF3F]	09.99-	113785	14	80	09.99-	110389	12	2.2
626 2.2 12V	(GD)[F2]	11.87- 07.97	110406#	14	65	06.88- 04.92	110810	12	1.4
		11.87- 04.92	110664	14	70	11.87- 04.92	110808	12	0.85
	(GV)[F2]	03.89- 11.96	110406#	14	65	03.89- 03.92	110810	12	1.4
		03.89- 03.92	110664	14	70	03.89- 03.92	110808	12	0.85
626 2.2 12V 4WD	(GD)[F2]	09.89- 07.91	110664	14	70	09.89- 07.91	110810	12	1.4
	(GV)[F2]	05.91- 11.92	110406#	14	65	05.91- 11.92	110810	12	1.4
	[F2L1]	05.91- 11.92	110406#	14	65	05.91- 11.92	110810	12	1.4
		05.91- 10.97	110664	14	70	05.91- 11.92	110808	12	0.85
		04.98-	112067	14	80				
626 2.5 24V	(GE)[KL]	01.92- 04.97	111315	14	90	AT 01.92- 04.97	111453	12	1.6
						01.92- 04.97	111311	12	1.7
818 1.3	[TC]	01.71- 10.80	110133	14	35				
818 1.6	[NA]					01.77- 10.78	110286	12	0.9
929 2.0	(HB)[MA]	01.82- 03.84	110134	14	55	01.82- 03.84	110286	12	0.9
		01.82- 03.84	110383#	14	65				
	[FE]	03.84- 07.87	110406#	14	65	03.84- 07.87	110149	12	0.9
		03.84- 07.87	113838	14	55	01.86- 01.89	111460	12	1.4
	[HEE]	05.82- 03.84	110134	14	55	05.82- 03.84	110286	12	0.9
		05.82- 03.84	110383#	14	65				
	(HV)[MA]	01.83- 12.87	110134	14	55	01.83- 12.87	110286	12	0.9
		01.83- 12.87	110383#	14	65				
	[HEE]	01.83- 12.87	110134	14	55	01.83- 12.87	110286	12	0.9
		01.83- 12.87	110307	14	60				
		01.83- 12.87	110383#	14	65				
	(LA)[MA]	05.79- 07.86	110307	14	60	09.78- 12.81	110286	12	0.9
		Chas. LA4 05.79- 12.81	110134	14	55				
	[M]	05.79- 07.86	110307	14	60	09.78- 12.81	110286	12	0.9
		Chas. LA4 05.79- 12.81	110134	14	55				
929 2.0 i	(HB)[FE]	10.84- 07.87	110406#	14	65	10.84- 07.87	110149	12	0.9
	(HC)[FE]	06.87- 12.88	110406#	14	65				
929 2.0 i GLX	(HB)[FE]	06.84- 09.86	110757			10.84- 07.87	110149	12	0.9
		10.84- 07.87	110406#	14	65				
929 2.2	(HC)[F2]	01.88- 04.89	110406#	14	65	01.88-	110810	12	1.4
		01.88- 12.89	110662	14	65				
		01.90-	112100	14	70				
	[F21]	12.86- 12.89	110662	14	65	09.87-	110810	12	1.4
		01.88- 04.89	110406#	14	65				
		01.90-	112100	14	70				
	[F2E]	01.88- 04.89	110406#	14	65	01.88-	110810	12	1.4
		01.88- 12.89	110662	14	65				
		01.90-	112100	14	70				
929 2.2 12V	(HC)[F2-C]	04.89- 06.91	110406#	14	65	04.89- 06.91	110810	12	1.4
		01.90- 06.91	112100	14	70				
929 2.2 i	(HC)[F2-EGi]	05.87- 12.88	110406#	14	65	05.87- 12.88	110810	12	1.4
		05.87- 12.88	110689#	14	65				
929 3.0	(HC)[JE]	06.87- 06.91	110406#	14	65	06.87- 06.91	111460	12	1.4
						06.87- 06.91	111246#	12	1.7
						01.88- 11.91	111460	12	1.4
						01.88- 11.91	111246#	12	1.7
1000 1.0	[PC]	01.75- 01.77	110133	14	35				
1300 1.3	[TC]	01.75- 01.77	110133	14	35				
323 C 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		10.96- 10.98	111384	14	70				
323 C 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		08.94- 02.97	111959#	14	80				
		02.97-	111384	14	70				
323 C 1.8	(BA)[BPZE]	08.94- 02.97	111807	14	70	09.96-	111970	12	1.0
		08.94- 02.97	111959#	14	80	08.94- 08.96	110808	12	0.85
		02.97-	111384	14	70				
323 C 1.8 16V	(BG)[BP22]	09.89- 03.91	110689#	14	65	09.89- 03.93	111443	12	1.7
		04.91- 03.93	110663	14	60				
	[BP31]	09.89- 03.91	110689#	14	65	09.89- 03.93	111443	12	1.7
		04.91- 03.93	110663	14	60				
323 F 1.4	(BJ)[B3]	01.01-	111384	14	70	01.01-	110149	12	0.9
323 F 1.5 16V	(BA)[Z5-DE]	07.94- 02.97	111807	14	70	07.94-	110808	12	0.85
		07.94- 02.97	111959#	14	80				
		02.97-	111384	14	70				
323 F 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	111970	12	1.0
						01.01-	110808	12	0.85
323 F 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	09.96-	111970	12	1.0
		08.94- 02.97	111959#	14	80	08.94- 08.96	110808	12	0.85
		02.97-	111384	14	70				
	(BG)[BP31]					09.89- 03.93	110808	12	0.85
323 F 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0



323 F 2.0 24V	(BA)[KF]	08.94-	111315	14	90	08.94-	111311	12	1.7
323 F 2.0 TD	(BJ)[RF4F]	01.01-	113785	14	80	01.01-	113318	12	2.2
323 S 1.4	(BJ)[B3]	01.01-	111384	14	70	01.01-	110808	12	0.85
323 S 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		10.96- 10.98	111384	14	70				
323 S 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		08.94- 02.97	111959#	14	80				
		10.96- 09.98	111384	14	70				
323 S 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	111970	12	1.0
						01.01-	110808	12	0.85
323 S 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	08.94- 08.96	110808	12	0.85
		08.94- 02.97	111959#	14	80	09.96-	111970	12	1.0
		02.97-	111384	14	70				
323 S 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
B 1600 1.6		11.89-	111602#	14	50	02.77- 09.78	110148	12	0.8
		02.77- 09.78	110133	14	35				
B 1800 1.8	[H816]	10.81- 08.85	112270	14	35	10.81- 08.85	110286	12	0.9
	[H817]					10.81- 08.85	110286	12	0.9
		02.77-	110133	14	35		110286	12	0.9
			112270	14	35	02.77-	110148	12	0.8
B 2000 2.0		09.85- 12.91	111602#	14	50	01.85- 12.91	110149	12	0.9
		01.85- 03.96	110692	14	55				
B 2200 2.2 4WD	[RSA2]					02.99-	111557	12	1.2
B 2200 2.2 8V 4WD	(UN)[JL22]	06.99-	113441#	14	60	06.99-	110808	12	0.85
B 2200 2.2 Diesel	[R290]	12.89- 03.96	112127#	14	50	12.89- 03.96	110389	12	2.2
B 2500 2.5 Diesel	[UF]	02.96-	06.99	112352	14	70			
	(UN)[MD25NA]					06.99-	113702	12	2.2
	[WLE7]	Chas. 010301-09.01-	112352	14	70	12.02-	113702	12	2.2
B 2500 2.5 Diesel 4WD	[UF][WL]	12.96- 06.99	112352	14	70	02.96- 06.99	113702	12	2.2
		09.98- 06.99	112352	14	70	09.98- 06.99	113702	12	2.2
	(UN)[WLE7]	Chas. -010301 09.01-	112352	14	70	12.02-	113702	12	2.2
	[MD25NA1]	06.99-	112352	14	70	06.99-	113702	12	2.2
B 2500 2.5 TD 4WD	[MD25T1]					06.99-	113702	12	2.2
B 2600 2.6 4WD	[UF]	01.87- 10.90	110318	14	50	11.89- 10.90	111557	12	1.2
		10.89- 10.90	113441#	14	60	01.87- 11.89	110811	12	1.2
B 2600 2.6 12V 4WD	(UF)[G6]	01.90- 06.99	110318	14	50	01.90- 06.99	111557	12	1.2
		01.90- 06.99	113441#	14	60				
	(UN)[JK26]	01.87- 10.90	110318	14	50				
		06.99-	113441#	14	60				
BT-50 2.5 Diesel 4WD						12.06-	113702	12	2.2
CX-7 2.3 DISI Turbo MZR						10.07-	113819	12	1.4
Demio 1.3 16V	(DW)[B3]					08.98-	110808	12	0.85
	[B3]					08.98-	110808	12	0.85
Demio 1.5 16V	(DW)[B5]	04.00-	111384	14	70	04.00-	111970	12	1.0
E 1600 1.6		04.81- 06.84	112270	14	35	01.81- 06.84	110286	12	0.9
		04.81-	110383#	14	65	01.78- 01.81	110283	12	1.0
		04.81-	110134	14	55				
		08.80- 06.84	110406#	14	65				
		01.78- 03.81	110133	14	35				
E 2000 2.0	(SR)[FE18]	11.84- 02.88	110134	14	55	11.84- 02.88	110149	12	0.9
		11.84- 02.88	110383#	14	65				
		11.84- 02.88	110406#	14	65				
		11.84- 02.88	110692	14	55				
	[FEV4]	11.84- 02.88	110134	14	55	11.84- 02.88	110149	12	0.9
		11.84- 02.88	110383#	14	65				
		11.84- 02.88	110692	14	55				
	[SR2][FE]	06.94-	110692	14	55	06.94-	110808	12	0.85
	[FE18]	05.85- 08.88	110134	14	55	05.85- 04.89	110149	12	0.9
		05.85- 04.89	110307	14	60				
		05.85- 08.88	110383#	14	65				
		11.87- 04.89	110692	14	55				
	[FE58]	05.85- 08.88	110134	14	55	05.85- 04.89	110149	12	0.9
		05.85- 04.89	110307	14	60				
		05.85- 08.88	110383#	14	65				
		11.87- 04.89	110692	14	55				
	[FE60]	03.91- 05.94	110692	14	55	03.91- 05.94	110808	12	0.85
	[FE61]	03.91- 05.94	110692	14	55	03.91- 05.94	110808	12	0.85
E 2000 2.0 4WD	(SR1)[FEBN]	10.88- 09.89	110692	14	55	10.88- 09.89	110149	12	0.9
		10.88- 09.89	113441#	14	60				
E 2000 2.2 Diesel	(SR2)[R2]					02.97-	113318	12	2.2
E 2000 2.2 Diesel 4WD	(SR2)[R2]					02.97-	113318	12	2.2
E 2200 2.2 Diesel	(SR)[R203]	01.84- 02.88	110699	14	50	01.84- 02.88	110389	12	2.2
		01.84- 02.88	110706	14	60				
	[R207]	01.84- 02.88	110699	14	50	01.84- 02.88	110389	12	2.2
		01.84- 02.88	110706	14	60				
	[SR2][R2]					02.97- 08.99	113318	12	2.2
	[R203]	03.91-	110699	14	50	03.91-	110389	12	2.2
		03.91-	110706	14	60				
	[R207]	03.91-	110699	14	50	03.91-	110389	12	2.2
		03.91-	110706	14	60				
E 2200 2.2 Diesel 4WD	(SR2)[R203]	03.91-	110699	14	50	03.91-	110389	12	2.2
		03.91-	110706	14	60				
	[R207]	03.91-	110699	14	50	03.91-	110389	12	2.2
		03.91-	110706	14	60				
E 2700 2.7 Diesel	[XB]					01.77-	114439	12	2.7
E 3500 3.5 Diesel	[SL]					01.83- 12.90	114439	12	2.7
MPV 2.0	(LW)[FS]	08.00-	112361	14	100	08.00- 07.02	111730	12	1.0
MPV 2.0 i 16V	(LW)[FS-DS]	09.99-	112361	14	100	06.99- 04.02	111730	12	1.0
MPV 2.0 Diesel Di	(LW)[RF5C]	07.02-	114112	14	90	07.02-	114059	12	2.3
MPV 2.5 V6	(LW)[GY-DE]	09.99- 03.02	114356	14	100				
MPV 2.5 TD	[WLT]	05.96- 09.99	113785	14	80	05.96- 09.99	113702	12	2.2
MPV 3.0 i V6	[JE]	03.95-	112100	14	70	03.95-	111246#	12	1.7
						03.95-	111460	12	1.4
MX-3 1.6	(EC)[B69]	07.91-	111237	14	70	07.91-	110808	12	0.85
MX-3 1.6 i	(EC)[B60]	05.91-	111237	14	70	01.94-	110808	12	0.85
		01.94-	111807	14	70				
MX-3 1.8 i V6	(EC)[K819]	01.92- 01.94	111315	14	90	01.94- 01.94	113816	12	1.4
						01.92- 01.94	113111	12	1.7
	[K838]	05.91-	111315	14	90	01.94- 09.96	113816	12	1.4
						01.94-	113111	12	1.7
MX-5 1.6	(NA)[B64F]	08.89- 11.97	111342	14	60	05.90- 01.94	112215	12	0.95
		05.90- 01.94	110689#	14	65				
		01.95- 11.97	110689#	14	65	01.95-	112215	12	0.95
		01.95- 11.97	111342	14	60				
MX-5 1.6 16V	(NB)[B60]	05.98- 10.05	111807	14	70	05.98- 04.01	111970	12	1.0
		05.98-	112067	14	80				
MX-5 1.8	(NA)[BPF1]	02.94- 04.98	111807	14	70	02.94- 04.98	112215	12	0.95
MX-5 1.8 16V	(NB)[BPZE]	08.00-	112067	14	80	05.98- 10.05	110149	12	0.9
		12.94- 11.97	111807	14	70	11.00-	111970	12	1.0
		01.98- 08.00	111384	14	70				
MX-5 1.9 16V	(NB)[BPZE]	11.00-	112067	14	80	11.00-	111970	12	1.0
MX-6 2.0	(GE)[FS]	04.91-	111315	14	90	02.92-	110810	12	1.4
		04.91-	111317	14	80				
MX-6 2.5 24V	(GE)[KL]	07.91-	111315	14	90	02.92-	111311	12	1.7
		07.91-	111317	14	80				
MX-6 2.5 i 24V	(GE)[KL]	08.94-	111315	14	90				
		08.94-	111317	14	80				
Premacy 1.8	(CP)[FP]	07.99-	112067	14	80	03.99-	111730	12	1.0
Premacy 2.0	(CP)[FS7E]					11.01-	111730	12	1.0
	[FS7G]	11.01-	112067	14	80	11.01-	111730	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAZDA Continued

Premacy 2.0 TD	(CP)[RF3F]					10.99- 07.00	113318	12	2.2
	[RF4F]					07.00-	113318	12	2.2
RX-7 1.1	(SA)[12AN2]	05.79- 05.81	110307	14	60	03.84- 03.86	111348	12	1.4
		05.79- 03.86	110692	14	55				
		03.84- 03.86	110134	14	55				
	[12AN2]	01.81- 03.84	110134	14	55				
		01.81- 03.84	110406#	14	65				
		01.81- 03.84	110692	14	55				
RX-7 1.3	(FC)[RET13B]	11.85- 04.89	110406#	14	65	11.85- 04.89	111348	12	1.4
		11.85- 04.89	111408#	14	70	01.86- 04.89	113135#	12	1.2
RX-7 1.3 Turbo	(FC)[RET13B]	01.87- 12.91	113463#	14	100	06.87- 12.91	113135#	12	1.2
		06.87- 11.89	111408#	14	70	06.87- 12.91	111348	12	1.4
		03.89- 12.91	110406#	14	65				
	(FD)[RE13B]	07.92- 01.95	113463#	14	100	01.92- 07.92	113135#	12	1.2
						07.92-	113137#	12	1.2
		03.89- 12.91	113463#	14	100				
T 3500 3.5 Diesel	[SL-T]					01.87- 12.92	114439	12	2.7
						01.84- 12.97	114439	12	2.7
Tribute 2.0 4WD	(EP)					03.00-	112340	12	1.4
Tribute 3.0 V6 24V 4WD						03.01-	112597	12	1.4
						01.01- 01.04	112591	12	1.4
						03.00-	111374	12	1.5
Various Models						01.85-	110149	12	0.9
						01.69- 01.72	110283	12	1.0
						01.77- 12.82	110286	12	0.9
						01.73- 01.77	110148	12	0.8
Xedos 6 1.6 16V	(CA)[B6]	06.94-	111807	14	70	06.94-	112215	12	0.95
	[B69]	08.92- 05.94	111237	14	70	01.92-	111543	12	1.4
						08.92- 05.94	110808	12	0.85
						01.92-	111311	12	1.7
Xedos 6 2.0 i	(CA)[KF1]	01.92- 05.94	111315	14	90	AT 01.92- 05.94	111453	12	1.6
						01.92- 05.94	111311	12	1.7
Xedos 9 2.0 24V	[KF]	08.93-	111315	14	90	08.93- 01.00	111311	12	1.7
Xedos 9 2.3 i	(TA)[KJ-ZEM]					02.95- 01.00	111311	12	1.7
Xedos 9 2.5 24V	(TA)[KL]					07.93-	111311	12	1.7
Xedos 9 2.5 V6	(TA)[KL]	07.00-	112067	14	80				
<b>PASSENGER CARS US</b>									
3 2.0						01.04- 01.07	113795	12	1.0
3 2.0 i						01.04- 01.07	113795	12	1.0
323 1.6		01.88- 01.89	112297	14	60	01.86- 01.94	110149	12	0.9
		01.92- 01.94	110663	14	60				
		01.90-	110689#	14	65				
323 1.6 Base									
323 1.6 DX		01.92- 01.94	110663	14	60	01.92- 01.94	110149	12	0.9
323 1.6 SE		01.90- 01.91	110689#	14	65	01.90- 01.93	110149	12	0.9
		01.92- 01.93	110663	14	60				
323 1.8 DX		01.90- 01.91	110689#	14	65	01.90- 01.91	110149	12	0.9
323 1.8 LX		01.90- 01.91	110689#	14	65	01.90- 01.91	110149	12	0.9
616 1.6						01.71- 01.71	110148	12	0.8
						01.70- 09.73	110283	12	1.0
618 1.8						01.72- 01.72	110148	12	0.8
626 2.0		01.99- 01.01	111959#	14	80	01.99- 01.01	110810	12	1.4
						01.83- 01.87	110389	12	2.2
		01.79- 01.82	110383#	14	65	01.83- 01.87	110149	12	0.9
						01.79- 01.82	110286	12	0.9
626 2.0 DX		01.93- 01.98	111959#	14	80	01.93- 01.98	110810	12	1.4
626 2.0 ES		01.02- 01.02	111959#	14	80	01.02- 01.02	110810	12	1.4
626 2.0 LX		01.93- 01.02	111959#	14	80	01.93- 01.02	110810	12	1.4
626 2.0 Turbo						01.86- 01.87	110149	12	0.9
						01.86- 01.87	110389	12	2.2
626 2.0						01.84- 01.85	110149	12	0.9
						01.84- 01.85	110389	12	2.2
626 2.2		01.88- 01.92	110664	14	70	01.88- 01.92	110810	12	1.4
626 2.2 DX		01.90- 01.92	110664	14	70	01.90- 01.92	110810	12	1.4
626 2.2 LE		01.91-	110664	14	70	01.91-	111311	12	1.7
626 2.2 LX		01.90- 01.92	110664	14	70	01.90- 01.92	110810	12	1.4
626 2.2 Turbo		01.88- 01.91	110664	14	70	01.88- 01.91	110810	12	1.4
626 2.2 Turbo GT		01.90- 01.91	110664	14	70	01.90- 01.91	110810	12	1.4
626 2.5		01.99- 01.00	111315	14	90	01.99- 01.01	111311	12	1.7
626 2.5 ES		01.93- 01.98	111315	14	90	01.93- 01.02	111311	12	1.7
						01.93- 01.97	111453	12	1.6
626 2.5 LX		01.94- 01.98	111315	14	90	01.94- 01.02	111311	12	1.7
						01.94- 01.97	111453	12	1.6
808 1.6						01.72- 01.77	110148	12	0.8
929 3.0		01.92- 01.95	113033#	14	90	01.88- 01.95	111246#	12	1.7
		01.90- 01.91	112100	14	70	01.88- 01.89	113508#	12	1.2
929 3.0 S		01.90- 01.91	112100	14	70	01.90- 01.91	111246#	12	1.7
B1600 1.6						01.72- 01.76	110148	12	0.8
B1600 1.8						01.77- 01.78	110148	12	0.8
B2000 2.0		01.86- 01.87	110692	14	55	01.86- 01.87	110149	12	0.9
		01.82- 01.84	112270	14	35	01.79- 01.84	110286	12	0.9
B2200 2.2		01.87- 01.92	110692	14	55	01.87- 01.93	110149	12	0.9
						01.87- 01.93	110810	12	1.4
B2200 2.2						01.82- 01.84	110578	12	2.0
B2300 2.3		01.94- 01.97	111199	14	95	01.94- 01.97	113222	12	1.4
B2500 2.5		01.98- 01.01	111199	14	95				
B2600 2.6		01.89- 01.93	113030#	14	60	01.89- 01.93	111557	12	1.2
		01.87- 01.88	110805	14	50	01.87- 01.88	110811	12	1.2
B3000 3.0		01.94- 01.03	111199	14	95	01.94- 01.96	111370	12	1.2
B4000 4.0		01.94- 01.00	111199	14	95	01.98- 01.08	112590	12	1.4
		01.98- 01.00	111200	14	130	01.94- 01.97	112030	12	1.4
B4000 4.0 SE						01.98- 01.08	112590	12	1.4
GLC 1.4						01.79- 01.80	110983		
GLC 1.5		01.81- 01.85	110136	14	50	01.81- 01.85	110149	12	0.9
						01.81- 01.85	110983		
Miata 1.6		01.90- 01.93	111342	14	60	01.90- 01.93	112215	12	0.95
Miata 1.8		01.94- 01.00	111807	14	70	01.99- 01.02	111970	12	1.0
						01.94- 01.97	112215	12	0.95
Miata 1.8 LS						01.02- 01.03	111970	12	1.0
MPV 2.6		01.89- 01.94	112100	14	70	01.89- 01.94	111557	12	1.2
MPV 3.0		01.89- 01.98	112100	14	70	01.89- 01.98	111246#	12	1.7
						01.89- 01.97	113508#	12	1.2
MX-3 1.6		01.94- 01.95	111807	14	70	01.92- 01.95	110149	12	0.9
		01.92- 01.93	111237	14	70				
MX-3 1.6 Precedia		01.95- 01.95	111807	14	70	01.95- 01.95	110149	12	0.9
MX-3 1.8		01.92- 01.94	111315	14	90	01.92- 01.94	111311	12	1.7
						01.94- 01.94	113816	12	1.4
MX-3 1.8 GS		01.92- 01.94	111315	14	90	01.92- 01.94	111311	12	1.7
						01.92- 01.94	113816	12	1.4
MX-6 2.0		01.93- 01.95	111959#	14	80	01.93- 01.95	110810	12	1.4
MX-6 2.0 RS		01.96- 01.97	111959#	14	80	01.96- 01.97	110810	12	1.4
MX-6 2.2		01.88- 01.92	110664	14	70	01.88- 01.92	110810	12	1.4
MX-6 2.2 DX						01.91- 01.92	110810	12	1.4
		01.91- 01.92	110664	14	70				
MX-6 2.2 LX						01.91- 01.92	110810	12	1.4
		01.92- 01.92	110664	14	70				
MX-6 2.2 Turbo						01.92- 01.92	110810	12	1.4
MX-6 2.2 Turbo GT		01.88- 01.92	110664	14	70	01.88- 01.92	110810	12	1.4
MX-6 2.5 LS		01.93- 01.97	111315	14	90	01.93- 01.97	111311	12	1.7
						01.93- 01.97	111453	12	1.6
Navajo 4.0 DX		01.92- 01.94	111199	14	95	01.92- 01.94	111844	12	1.4
						01.92- 01.94	112030	12	1.4



Navajo 4.0 LX		01.91- 01.94	111199	14	95		01.91- 01.94	111844	12	1.4
							01.91- 01.94	112030	12	1.4
Portege 1.5 DX		01.96- 01.97	111807	14	70		01.96- 01.97	110149	12	0.9
Portege 1.5 LX		01.96- 01.97	111807	14	70		01.96- 01.97	110149	12	0.9
Portege 1.8 DX		01.91- 01.94	110689#	14	65		01.91- 01.94	110149	12	0.9
							01.91- 01.94	110810	12	1.4
Portege 1.8 ES		01.95- 01.96	111959#	14	80		01.95- 01.97	111970	12	1.0
		01.97- 01.97	111384	14	70		01.95- 01.96	110149	12	0.9
Portege 1.8 GT		01.90- 01.91	110689#	14	65		01.90- 01.91	110810	12	1.4
							01.90- 01.91	110149	12	0.9
Portege 1.8 LX		01.90- 01.94	110689#	14	65		01.90- 01.94	110810	12	1.4
							01.90- 01.94	110149	12	0.9
Portege 1.8 S		01.95- 01.95	111959#	14	80		01.95- 01.95	110149	12	0.9
							01.95- 01.95	111970	12	1.0
Portege 1.8 SE		01.90- 01.90	110689#	14	65		01.90- 01.90	110149	12	0.9
							01.90- 01.90	110810	12	1.4
Protege 1.5		01.95- 01.95	111807	14	70		01.95- 01.95	110149	12	0.9
Protege 1.5 DX		01.98- 01.98	111384	14	70		01.98- 01.98	110149	12	0.9
Protege 1.5 LX		01.98- 01.98	111384	14	70		01.98- 01.98	110149	12	0.9
Protege 1.6		01.99- 01.01	111384	14	70		01.99- 01.01	110149	12	0.9
							01.99- 01.00	111970	12	1.0
							01.01- 01.01	111730	12	1.0
Protege 1.8		01.99- 01.00	112067	14	80		01.99- 01.00	113616#	12	1.2
							01.99- 01.00	111730	12	1.0
Protege 1.8 4WD		01.90- 01.91	110689#	14	65		01.90- 01.91	110149	12	0.9
							01.90- 01.91	110810	12	1.4
Protege 1.8 Base		01.94- 01.94	110663	14	60					
Protege 1.8 ES		01.98- 01.98	111384	14	70		01.98- 01.98	111970	12	1.0
Protege 2.0		01.01- 01.01	112067	14	80		01.01- 01.01	111730	12	1.0
							01.01- 01.01	113616#	12	1.2
Protege 2.0 5		01.02- 01.03	112067	14	80		01.02- 01.02	111730	12	1.0
							01.02- 01.02	113616#	12	1.2
Protege 2.0 DX		01.02- 01.02	112067	14	80					
Protege 2.0 ES		01.02- 01.03	112067	14	80		01.02- 01.03	113616#	12	1.2
							01.02- 01.03	111730	12	1.0
Protege 2.0 LX		01.02- 01.03	112067	14	80		01.02- 01.03	111730	12	1.0
							01.02- 01.03	113616#	12	1.2
Protege 2.0 MP3		01.01- 01.02	112067	14	80		01.01- 01.02	113616#	12	1.2
							01.01- 01.02	111730	12	1.0
Protege 2.0 Turbo Mazdaspeed		01.03- 01.03	112067	14	80					
							01.83- 01.85	113036#	12	1.2
RX-7 1.1		01.79- 01.85	110134	14	55					
		01.79- 01.85	110692	14	55					
		01.83- 01.85	110383#	14	65					
RX-7 1.3		01.86- 01.92	111408#	14	70		01.86- 01.92	113135#	12	1.2
		01.84- 01.85	110692	14	55		01.84- 01.85	113036#	12	1.2
							01.86- 01.92	111348	12	1.4
RX-7 1.3 GXL							01.90- 01.90	113135#	12	1.2
							01.90- 01.90	111348	12	1.4
RX-7 1.3 U							01.90- 01.90	113135#	12	1.2
							01.90- 01.90	111348	12	1.4
RX-7 1.3 Turbo		01.87- 01.87	111408#	14	70		01.93- 01.95	111311	12	1.7
		01.87- 01.95	113463#	14	100		01.87- 01.92	113135#	12	1.2
		01.88- 01.88	110134	14	55					
Tribute 2.0		01.01- 01.01	112958	14	110		01.01- 01.01	112340	12	1.4
		01.01- 01.01	112961	14	110					
Tribute 2.0 DX		01.02- 01.03	112958	14	110		01.02- 01.03	112235	12	1.4
							01.02- 01.03	112340	12	1.4
Tribute 3.0		01.01- 01.01	110692	14	55		01.01- 01.04	112591	12	1.4
		01.01- 01.01	112961	14	110		01.01- 01.01	111374	12	1.5
Tribute 3.0 DX		01.02- 01.02	112961	14	110		01.01- 01.04	112591	12	1.4
Tribute 3.0 ES		01.02- 01.03	112961	14	110		01.01- 01.04	112591	12	1.4
							01.02- 01.03	111374	12	1.5
Tribute 3.0 LX		01.02- 01.03	112961	14	110		01.01- 01.04	112591	12	1.4
							01.02- 01.03	111374	12	1.5
<b>PASSENGER CARS AO</b>										
2.1.3 L	(B2W)	AC 04.03-	114129	14	90					
2.1.5	(B2W)	AC 04.03-	114129	14	90					
3.2.3	(BK12)						01.04- 01.07	113819	12	1.4
3.2.3 MZR	(BK14)						01.04- 09.04	113819	12	1.4
3.2.3 DISI Turbo MPS	(BK14)						06.06- 01.07	113819	12	1.4
B-Serie 2.2 Diesel	(UF)						01.84- 01.84	110389	12	2.2
							01.82- 01.85	110578	12	2.0
B-Serie 2.5 Diesel	(UN)						11.99- 12.01	112600	12	1.4
B-Serie 2.5 Diesel 4x4	(UN)						11.99- 07.02	112600	12	1.4
B-Serie 2.6 4x4	(UF)						01.85- 11.89	110811	12	1.2
							11.89- 11.89	111557	12	1.2
E 2000 E 2200 2.5 Diesel	(SR2)									
MX-5 1.8	(NA)[BPF1]						08.93- 11.97	112215	12	0.95
	(NB)						01.94- 12.97	113138#	12	1.4
	(GE6)						11.00- 11.00	111970	12	1.0
MX-6 2.2	(TA)	08.98- 08.00	111315	14	90					
Xedos 9 2.0										
<b>MOTORS</b>										
HA Diesel			114415	14	50					
XA Diesel			114415	14	50					
<b>Mccormick</b>										
<b>AGRICULTURE</b>										
Various Models								114107	12	3.2
<b>Mercedes-Benz</b>										
<b>PASSENGER CARS EU</b>										
100 2.4 Diesel	(631)[OM616]	12.90- 02.96	110358	14	55		09.02- 09.02	113855	24	5.4
		12.90- 02.96	111149	14	80		12.90- 12.94	110368	12	2.3
	[OM616.963]	12.90- 02.96	110358	14	55		12.90- 02.96	110368	12	2.3
		12.90- 02.96	111149	14	80					
	(631.340)[OM616.963]	09.87- 01.96	110358	14	55		12.90- 02.96	110368	12	2.3
		09.87- 01.96	111149	14	80					
190 2.0	(201)[M102.921]	10.82- 08.86	110358	14	55		10.82- 05.85	110862	12	1.5
		10.82- 10.84	110735	14	55					
		10.82- 08.86	110923	14	55					
	[M102.924]	09.84- 08.86	110358	14	55		06.85- 05.90	111347	12	1.2
		09.84- 05.90	110735	14	55		09.84- 05.85	110862	12	1.5
		09.84- 05.90	110923	14	55					
		04.85- 08.90	111093	14	70					
		PS 01.86- 05.90	111093	14	70					
190 2.0 Diesel	(201)[OM601.911]	08.83- 08.93	110923	14	55		08.83- 08.93	111065	12	2.2
							10.81- 03.91	113855	24	5.4
		04.85- 08.93	111093	14	70					
190 2.5 Diesel	(201)[OM602.911]	04.85- 08.93	110923	14	55		04.85- 08.93	111065	12	2.2
		04.85- 08.93	111093	14	70					
190 2.5 TD	(201)[OM602.961]	02.88- 08.93	110923	14	55		02.88- 08.93	111065	12	2.2
		02.85- 08.93	111093	14	70					
200 1.8 Kompressor	(209)[M271.940]	09.02- 09.02	113877	14	120		09.02- 09.02	113513	12	1.1
200 1.8 CGI	(209)[M271.942]	07.03- 07.03	113877	14	120		05.02- 05.02	113513	12	1.1
200 2.0	(115)[M115.923]	01.68- 07.73	110727	14	35		01.68- 01.77	110869	12	1.5
		01.68- 01.77	110730	14	35					
		01.68- 01.77	110735	14	55					
		02.75- 01.77	110358	14	55					
	[M115.926]	01.68- 07.73	110727	14	35		01.68- 01.77	110869	12	1.5
		01.68- 01.77	110730	14	35					
		01.68- 01.77	110735	14	55					
		02.75- 01.77	110358	14	55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

	(123)[M102.920]	06.80-11.85 06.80-11.85 06.80-11.85	110358 110735 110875	14 14 14	55 55 65	06.80-11.85	110862	12	1.5
	[M102.939]	06.80-11.85 06.80-11.85 06.80-11.85	110358 110735 110875	14 14 14	55 55 65	06.80-11.85	110862	12	1.5
	[M115.938]	02.76-08.80 02.76-08.80 02.76-08.80	110358 110730 110735	14 14 14	55 35 55	02.76-08.80	110869	12	1.5
	[M115.939]	02.76-08.80 02.76-08.80 02.76-08.80	110358 110730 110735	14 14 14	55 35 55	02.76-08.80	110869	12	1.5
	(124)[M102.922]	12.84-06.93 04.85-06.93 06.97-	110923 111093 112529	14 14 14	55 70 90	09.85-05.90	111347	12	1.2
200 2.0 Kompressor	(208)[M111.956]	06.00-06.02 06.97-	111903 112529	14 14	90 90	06.00-06.02	111347	12	1.2
200 2.0 Diesel	(115)[OM615.913]	01.68-07.73 01.68-01.77 01.68-01.77 02.75-01.77	110727 110730 110735 110358	14 14 14 14	55 35 55 55	01.68-01.77	110368	12	2.3
	(123)[OM615.940]	02.76-11.85 07.76-02.79 07.76-11.85 03.79-11.85	110358 110730 110735 110875	14 14 14 14	55 35 55 65	07.76-11.85	110368	12	2.3
	(124)[OM601.912]	12.84-06.93 04.85-06.93	110923 111093	14 14	55 70	12.84-06.93	111065	12	2.2
200 2.0 TD	(124)[OM601.912]	12.84-06.93 04.85-06.93	110923 111093	14 14	55 70	09.85-08.91	111065	12	2.2
206 2.2 Diesel	(601)[OM615.917]	02.73-12.77	110727	14	55	02.73-12.77	110775	12	1.8
	[OM615.937]	02.73-12.77	110727	14	55	02.73-12.77	110775	12	1.8
	[OM615.939]	02.73-12.77	110727	14	55	02.73-12.77	110775	12	1.8
207 1.8	(601)[A70NV]	02.73-12.77	110727	14	55	02.73-12.77	110775	12	1.8
207 2.4 Diesel	(601)[OM616.917]	04.77-12.82 04.77-12.82 04.77-12.82	110358 110730 110358	14 14 14	55 35 55	04.77-12.82	110368	12	2.3
	[OM616.934]	04.77-12.82 04.77-12.82	110358 110730	14 14	55 35	04.77-12.82	110368	12	2.3
	[OM616.937]	06.82-01.90 06.82-01.90	110358 110730	14 14	55 35	12.77-01.90	110368	12	2.3
	[OM616.939]	06.82-01.90 06.82-01.90	110358 110730	14 14	55 35	06.82-01.90	110368	12	2.3
208 2.1 CDI	(901,902)[OM611.987]	04.00- 04.00-	112197 112425	14 14	115 150	04.00-	111851	12	2.0
208 2.3	(601)[M115.955]	05.77-12.82 05.77-12.82	110358 110730	14 14	55 35	05.77-12.82	110869	12	1.5
	[M115.972]	05.77-12.82 05.77-12.82	110358 110730	14 14	55 35	05.77-12.82	110869	12	1.5
208 2.3 Diesel	(601)[OM601.940]	10.88-02.96 10.88-02.96 10.88-02.96 11.88-06.95 PS Eng. 281647-10.88-06.95	111093 113768 113866 111883 112529	14 14 14 14 14	70 95 55 115 90	10.88-06.95 01.95-02.96	113389 113133	12	2.2
		PS Eng. 281647-10.88-06.95 PS 10.88-06.95 Eng. 281647-11.88-06.95 Eng. -281646 10.88- ACPS 10.88-06.95 AC, PS, Eng. 281647-10.88-06.95	110923 112529 112529 112734 110923 112529	14 14 14 14 14 14	55 90 80 55 90				
		AC 10.88-06.95	110923	14	55				
209 3.0 Diesel	(601)[OM617.913]	12.82-01.90	110358	14	55	12.82-01.90	110368	12	2.3
210 2.3	(601)[M102.942]	04.77-10.89 04.77-02.96 04.77-10.89 04.77-10.89 04.77-10.89 04.77-10.89 Eng. 102945-04.85-06.95 Eng. 102945-04.85-06.95 Eng. -102942 07.82-03.85 Eng. -016466 07.82-01.90 AT, Eng. -002087 07.82-01.90	110358 110735 110923 111093 112734 110923 11093 110358 112734 112734	14 14 14 14 14 14 14 14 14 14 14	55 55 55 70 80 55 70 55 80 80	04.77-01.90	110862	12	1.5
	[M102.945]	04.85-06.95 04.85-06.95 05.89-06.95 Eng. -016466 10.87- AT, Eng. -002087 10.87-	110923 111093 111149 112734 112734	14 14 14 14 14	55 70 80 80 80	10.87-06.95	110862	12	1.5
	[M102.946]	07.82-02.96	110735	14	55	07.82-02.96 07.82-01.90	111347 110862	12	1.2 1.5
	[M115.955]	04.77-10.89 04.77-10.89 04.77-10.89 04.77-10.89	110358 110923 111093 112734	14 14 14 14	55 55 70 80	04.77-10.89	110862	12	1.5
210 2.9 Diesel	(601)[OM602.940]	10.88-06.95 10.88-02.96 10.88-06.95 10.88-02.96 10.88-02.96 10.88-02.96 Eng. 277089-11.88-06.95 Eng. -277088 11.88- ACPS 10.88-06.95 AC, PS, Eng. 277089-10.88-06.95	110923 111093 112734 113768 113866 112529 112734 110923 112529	14 14 14 14 14 14 14 14 14 14	55 70 80 95 55 90 80 55 90	10.88-06.95 10.88-06.95	113133 113389	12	2.2
211 2.1 CDI	(901,902)[OM611.981]	04.00- 04.00-	112197 112425	14 14	115 150	04.00-	111851	12	2.0
213 2.1 CDI	(901,902)[OM611.981]	04.00- 04.00-	112197 112425	14 14	115 150	04.00-	111851	12	2.0
216 2.7 CDI	(901,902)[OM612.981]	04.00- 04.00-	112197 112425	14 14	115 150	04.00- 04.00-	112440 111851	12	2.2 2.0
220 2.2	(115)[M115.920]	01.68-07.73	110727	14	55	01.68-07.73	110869	12	1.5
	[M115.924]	01.68-07.73	110727	14	55	01.68-07.73	110869	12	1.5
220 2.2 Diesel	(115)[OM615.912]	01.68-01.77 01.68-01.77 01.68-01.77 01.68-01.77	110358 110727 110730 110735	14 14 14 14	55 35 35 55	01.68-01.77	110368	12	2.3
	(123)[OM615.941]	01.76-03.81 01.76-03.79	110358 110730	14 14	55 35	01.76-03.79	110368	12	2.3
230 2.3	(123)[M115.954]	02.76-03.81 02.76-03.81 02.76-03.81	110358 110730 110735	14 14 14	55 35 55	02.76-03.81	110869	12	1.5
230 2.3 Kompressor	(208)[M111.982]	06.00-06.02 06.97-	113301 112529	14 14	90 90	06.00-06.02	111347	12	1.2
240 2.4 Diesel	(115)[OM616.916]	07.73-12.77 08.73-01.77 08.73-01.77	110358 110730 110735	14 14 14	55 35 55	08.73-01.77	110368	12	2.3
	(123)[OM616.912]	02.76-11.85 02.76-11.85 02.76-11.85	110358 110730 110735	14 14 14	55 35 55	02.76-11.85	110368	12	2.3
240 2.4 TD	(123)[OM616.912]	02.76-12.85 09.77-12.85	110358 110735	14 14	55 55	09.77-12.85	110368	12	2.3
240 2.6	(209)[M112.912]	06.02-	113302	14	120	05.02-	113282	12	1.4
240 3.0 Diesel	(115)[OM617.910]	07.73-12.77 08.74-11.76	110358 110730	14 14	55 35	08.74-11.76	110368	12	2.3



250 2.5	(114)[M114.920]	01.68- 08.72	110358	14	55	01.68- 08.72	110869	12	1.5	
	(123)[M123.921]	02.76- 07.85	110358	14	55	09.79- 07.85	110838	12	1.5	
250 2.5 Diesel	(124)[OM602.912]	04.85- 06.93	110923	14	55	04.85- 06.93	111065	12	2.2	
		04.85- 06.93	111093	14	70					
250 2.5 TD	(124)[OM602.912]	04.85- 06.93	110923	14	55	09.85- 06.93	111065	12	2.2	
		04.85- 06.93	111093	14	70					
		04.85- 06.93	110923	14	55	12.84- 06.93	111065	12	2.2	
250 2.8	(114)[M130.923]	06.72- 07.73	110735	14	55	06.72- 11.76	110869	12	1.5	
		08.73- 11.76	110358	14	55					
		06.72- 02.77	110358	14	55	06.72- 11.76	110869	12	1.5	
280 2.7	(114)[M110.921]	02.76- 08.81	110358	14	55	02.76- 08.81	110869	12	1.5	
	(123)[M110.923]	03.78- 08.81	110875	14	65					
300 3.0 Diesel	(123)[OM617.912]	02.76- 11.85	110358	14	55	02.76- 11.85	110368	12	2.3	
		02.76- 11.85	110730	14	35					
		02.76- 11.85	110735	14	55					
	(124)[OM603.912]	12.84- 06.93	110923	14	55	12.84- 06.93	111065	12	2.2	
		04.85- 06.93	111093	14	70					
		01.89- 06.93	111093	14	70	01.89- 06.93	111065	12	2.2	
300 3.0 Diesel 4 Matic	(124)[OM603.913]	09.86- 06.93	110923	14	55	09.86- 06.93	111065	12	2.2	
		09.86- 06.93	111093	14	70	07.89- 08.94	113855	24	5.4	
300 3.0 TD	(123)[OM617.952]	10.80- 11.85	110358	14	55	10.80- 11.85	110368	12	2.3	
		09.86- 06.93	111093	14	70	09.86- 06.93	111065	12	2.2	
	(124)[OM603.960]	09.86- 09.88	113768	14	95					
		09.88- 06.93	110923	14	55					
		01.88- 06.93	111093	14	70	01.88- 06.93	111065	12	2.2	
300 3.0 TD 4 Matic	(124)[OM603.960]	01.89- 06.93	110923	14	55	01.89- 06.93	111065	12	2.2	
		01.89- 06.93	111093	14	70					
307 2.4 Diesel	(602)[OM616.937]	01.89- 06.93	110923	14	55	09.86- 06.93	111065	12	2.2	
		09.86- 01.89	111093	14	70					
		09.86- 01.89	110923	14	55					
		09.86- 09.93	111093	14	70					
308 2.1 CDI	(903)[OM611.987]	04.00- 12.197	112197	14	115	04.00-	111851	12	2.0	
		04.00-	112425	14	150					
		04.00-	112425	14	150					
308 2.3 Diesel	(601)[OM601.940]	10.88- 06.95	110923	14	55	01.95- 02.96	113133	12	2.2	
		11.88- 02.96	111093	14	70	10.88- 06.95	113389			
		11.88- 02.96	113768	14	95					
		11.88- 02.96	113866	14	55					
		Eng. -281647- 06.89- 06.95	112529	14	90					
		Eng. -281646 10.88-	112734	14	80					
		ACPS 10.88- 05.96	110923	14	55					
		AC, PS, Eng. 281647-11.88-	112529	14	90					
		(602)[OM601.940]	06.89- 06.95	110923	14	55	01.95- 02.96			113133
			06.89- 02.96	111093	14	70	06.89-			113389
		06.89- 02.96	113768	14	95					
		PS Eng. -281647- 06.89-	112529	14	90					
		PS Eng. -281646 06.89-	112734	14	80					
		Eng. -281647- 06.89-	112529	14	90					
Eng. -281646 06.89-	112734	14	80							
ACPS 06.89- 06.95	110923	14	55							
AC, Eng. -281647- 06.89-	112529	14	90							
AC, Eng. -281646 06.89-	112734	14	80							
309 3.0 Diesel	(602)[OM617.913]	10.82- 01.90	110358	14	55	10.82- 01.90	110368	12	2.3	
		10.88- 06.95	110923	14	55	01.95- 02.96	113133			
310 2.9 Diesel	(601)[OM602.940]	06.89- 02.96	111093	14	70	10.88- 06.95	113389	12	2.2	
		06.89-	112530	14	120					
		06.89- 02.96	113768	14	95					
		06.89- 02.96	113866	14	55					
		Eng. 277089- 06.89- 06.95	112529	14	90					
		Eng. -277088 10.88-	112734	14	80					
		ACPS 10.88- 06.95	110923	14	55					
		AC, PS, Eng. 277089-06.89-	112529	14	90					
		(602)[OM602.940]	06.89- 06.95	110923	14	55	01.95- 02.96			113133
			06.89- 02.96	111093	14	70	06.89- 06.95			113389
		06.89- 06.95	112530	14	120					
		06.89- 02.96	113768	14	95					
		PS Eng. 277089- 06.89-	112529	14	90					
		PS Eng. -277088 06.89-	112734	14	80					
Eng. 277089- 06.89-	112529	14	90							
Eng. -277088 06.89-	112734	14	80							
ACPS 06.89- 06.95	110923	14	55							
AC, Eng. 277089- 06.89-	112529	14	90							
AC, Eng. -277088 06.89-	112734	14	80							
311 2.1 CDI	(903)[OM611.981]	04.00- 11.2197	112197	14	115	04.00-	111851	12	2.0	
		04.00-	112425	14	150					
313 2.1 CDI	(903)[OM611.981]	04.00- 11.2197	112197	14	115	04.00-	111851	12	2.0	
		04.00-	112425	14	150					
316 2.7 CDI	(903)[OM612.981]	04.00- 11.2197	112197	14	115	04.00-	111851	12	2.0	
		04.00-	112425	14	150	04.00-	112440	12	2.2	
320 3.2	(209)[M112.955]	06.02-	113302	14	120	05.02-	113282	12	1.4	
		01.72- 12.80	112098	14	65	01.72- 12.80	110775	12	1.8	
405 2.2 Diesel	(T2/L)[OM615]	01.72- 12.80	112098	14	65	03.75- 02.78	110775	12	1.8	
		01.72- 12.80	112098	14	65	01.68- 12.74	110775	12	1.8	
406 2.2 Diesel	(T2/L)[OM615.910]	01.68- 12.74	110727			01.68- 12.74	110775	12	1.8	
		07.81- 01.89	110358	14	55	07.81- 01.89	110368	12	2.3	
407 2.4 Diesel	(T1/TN)[OM616.913]	01.75- 08.82	110730	14	35	01.75- 12.88	110775	12	1.8	
		01.68- 12.72	110727			01.68- 12.72	110869	12	1.5	
408 2.0	(T2/L)[M115. I]	01.68- 12.72	110727			01.68- 12.72	110869	12	1.5	
		01.68- 12.72	110727			01.68- 12.72	110869	12	1.5	
408 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14	65	01.68- 12.74	110869	12	1.5	
		08.72- 12.74	110727							
		08.72- 12.74	110727			08.72- 12.74	110869	12	1.5	
		08.72- 12.74	110727			08.72- 12.74	110869	12	1.5	
408 2.3	(T2/L)[M115.952]	01.75- 08.82	110358	14	55	01.75- 08.82	110869	12	1.5	
		01.75- 08.82	110730	14	35					
		11.88- 06.95	111093	14	70					
408 2.3 Diesel	(T1/TN)[OM601.940]	11.88- 06.95	113768	14	95	11.88- 06.95	113389	12	2.2	
		12.93- 06.95	111149	14	80	11.88- 06.95	113133			
		PS 11.88- 06.95	112529	14	90					
		PS 11.88- 06.95	112734	14	80					
		ACPS 11.88- 06.95	110923	14	55					
		AC 11.88- 06.95	112529	14	90					
408 3.8	(T2/L)[OM314.948]	01.70- 07.73	110512	24	5.4	02.73- 12.74	110524	24	4.0	
		01.70- 12.74	110601	24	5.4	01.70- 12.74	110601	24	5.4	
409 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14	65	01.68- 12.74	110869	12	1.5	
		01.75- 08.82	110358	14	55	01.75- 08.82	110869	12	1.5	
409 2.3	(T2/L)[M115.952]	01.75- 08.82	110730	14	35					
		01.75- 08.82	110358	14	55	04.82- 01.89	110368	12	2.3	
409 2.4 Diesel	(T1/TN)[OM617.913]	04.82- 01.89	110358	14	55	04.82- 01.89	110368	12	2.3	
		04.82- 01.89	110358	14	55	04.82- 01.89	110368	12	2.3	
410 2.3	(T1/TN)[M102.942]	08.82- 06.95	110358	14	55	08.82- 06.95	111347	12	1.2	
		08.82- 06.95	111149	14	80					
		08.82- 06.95	112734	14	80					
		04.85- 06.95	110923	14	55					
		04.85- 06.95	111093	14	70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MERCEDES-BENZ Continued

Application list

	[M102.945]	08.82-03.85 110358 14 55		08.82-06.95 111347 12 1.2
		08.82-06.95 112734 14 80		
		04.85-06.95 110923 14 55		
		04.85-06.95 111093 14 70		
		12.93-06.95 111149 14 80		
	(T2/L)[M102.943]	08.82-12.88 110358 14 55		08.82-12.88 110862 12 1.5
		08.82-12.88 110875 14 65		
410 2.9 Diesel	(T1/TN)[OM602.940]	11.88-06.95 111093 14 70		11.88-06.95 113133
		11.88-06.95 112529 14 90		11.88-06.95 113389
		11.88-06.95 112734 14 80		
		11.88-06.95 113768 14 95		
		ACPS 11.88-06.95 110923 14 55		
500 5.0	(209)[M113.968]			05.02- 111768 12 1.7
507 2.4 Diesel	(T2/LN1)[OM616.914]	04.86-04.89 110358 14 55		04.86-04.89 110368 12 2.3
		04.86-04.89 110875 14 65		
508 2.3 Diesel	(T2/LN1)[OM601.941]	03.89-12.94 111093 14 70		03.89-02.01 111065 12 2.2
		03.89-12.94 113866 14 55		
		12.93-02.01 111149 14 80		
		PS 03.89-03.94 110923 14 55		
		AC 03.89-02.01 112734 14 80		
508 3.8	(T2/L)[OM314.946]	06.72-08.82 111141 14 55		01.70-12.88 110601 24 5.4
		09.72-12.88 110906 28 30		09.72-12.88 110524 24 4.0
		09.72-06.88 113920 28 35		01.70-03.73 110512 24 5.4
		08.79-03.81 110751 14 35		
		09.82-10.86 110113 28 27		
		11.86-12.88 110895 28 55		
		11.86-12.88 110906 28 30		
	[OM314.948]	06.72-06.88 111141 14 55		01.70-12.88 110601 24 5.4
		08.79-03.81 110751 14 35		01.70-03.73 110512 24 5.4
		09.82-10.86 110113 28 27		02.73-12.88 110524 24 4.0
		11.86-12.88 110895 28 55		
		11.86-12.88 110906 28 30		
	[OM314.959]	09.72-06.88 111141 14 55		09.72-06.88 110524 24 4.0
	[OM314.961]			09.72-06.88 110524 24 4.0
	[OM314.962]	09.72-06.88 110895 28 55		09.72-06.88 110524 24 4.0
	[OM314.963]	09.72-06.88 110906 28 30		09.72-06.88 110524 24 4.0
		09.72-06.88 113920 28 35		
510 2.3	(T2/LN1)[M102.946]	04.86-03.94 110923 14 55		04.86-02.01 110862 12 1.5
		04.86-02.01 111093 14 70		
		04.86-02.01 112734 14 80		
		12.93-02.01 111149 14 80		
512 2.9	[OM602.984]	09.96- 111883 14 115		09.96- 111851 12 2.0
		09.96- 111890 14 90		
608 3.8	(T2/L)[OM314.946]			02.84-12.88 110512 24 5.4
		Chas. 059069-02.84-12.88 111141 14 55		02.84-12.88 110601 24 5.4
	[OM314.948]	08.79-03.81 110751 14 35		01.70-12.88 110601 24 5.4
		04.81-08.82 111141 14 55		Eng. -145162 01.70-12.88 110512 24 5.4
		09.82-10.86 110113 28 27		
		09.82-12.88 110895 28 55		
		11.86-12.88 110906 28 30		
	[OM314.961]	02.84-12.88 110895 28 55		02.84-12.88 110601 24 5.4
				02.84-12.88 110512 24 5.4
	[OM314.963]	02.84-12.88 110906 28 30		02.84-12.88 110512 24 5.4
		02.84-12.88 113920 28 35		02.84-12.88 110601 24 5.4
	[OM314.967]	01.70-03.81 110751 14 35		01.70-12.88 110601 24 5.4
		04.81-08.82 111141 14 55		Eng. -145162 01.70-12.88 110512 24 5.4
		09.82-10.86 110113 28 27		
		09.82-12.88 110895 28 55		
		11.86-12.88 110906 28 30		
609 4.0	(T2/LN1)[OM364.906]	04.86-12.94 110358 14 55		04.86-02.01 110524 24 4.0
		04.86-12.94 113876# 14 55		04.86-02.01 113979 24 4.0
		04.86-02.01 113920 28 35		
		11.86-02.91 110895 28 55		
		11.86-02.91 110906 28 30		
	[OM364.919]	04.86-12.94 110358 14 55		04.86-02.01 110524 24 4.0
		04.86-12.94 113876# 14 55		04.86-09.01 113979 24 4.0
		04.86-09.01 113920 28 35		
		11.86-02.91 110895 28 55		
		11.86-02.91 110906# 14 55		
		11.86-02.91 110906 28 30		
611 4.0	(T2/LN1)[OM354.901]	06.94-09.01 113920 28 35		06.94-09.01 113979 24 4.0
	[OM354.902]	06.94-12.94 111154 14 65		06.94-09.01 110524 24 4.0
		06.94-12.94 113876# 14 55		06.94-09.01 113979 24 4.0
		06.94-09.01 113920 28 35		06.94-01.01 111982 24 4.0
				06.94-12.94 114523 24 4.0
612 2.9	[OM602.985]			09.96- 111851 12 2.0
613 4.3	[OM904.908]	09.96-04.00 112561 28 80		09.96-04.00 111982 24 4.0
		09.96-04.00 113448 28 100		09.96-04.00 114523 24 4.0
				09.96-04.00 111983# 24 6.6
613 5.7	(T2/L)[OM353.963]	04.77-08.82 111141 14 55		04.77-12.88 110525 12 3.0
		08.79-03.81 110751 14 35		
		09.82-10.86 110113 28 27		
		11.86-12.88 110895 28 55		
		11.86-12.88 110906 28 30		
	[OM353.966]	04.77-08.82 111141 14 55		04.77-12.88 110525 12 3.0
		08.79-03.81 110751 14 35		
		09.82-10.86 110113 28 27		
		11.86-12.88 110895 28 55		
		11.86-12.88 110906 28 30		
614 4.3	[OM904.908]	09.96- 112561 28 80		09.96-04.00 114523 24 4.0
		09.96- 113448 28 100		09.96- 111982 24 4.0
615 4.3	[OM904.923]	09.98- 112561 28 80		09.98- 114523 24 4.0
		09.98- 113448 28 100		09.98- 111982 24 4.0
616 4.3	[OM904.923]	09.98- 112561 28 80		09.98- 111982 24 4.0
		09.98- 113448 28 100		09.98- 114523 24 4.0
				09.98- 111983# 24 6.6
709 4.0	(T2/LN1)[OM364.906]	04.86-02.01 110895 28 55		04.86-02.01 110524 24 4.0
		04.86-02.01 112159 28 80		04.86-02.01 113979 24 4.0
		04.86-02.01 113920 28 35		
	[OM364.912]	04.86-12.94 110895 28 55		04.86- 110524 24 4.0
		04.86-12.94 112159 28 80		04.86-02.01 113979 24 4.0
		04.86-02.01 113920 28 35		
	[OM364.921]	04.86-12.94 110895 28 55		04.86- 110524 24 4.0
		04.86-12.94 112159 28 80		04.86-02.01 113979 24 4.0
		04.86-02.01 113920 28 35		
711 4.0	(T2/LN1)[OM354.902]	06.94-02.01 110895 28 55		06.94-02.01 110524 24 4.0
		06.94-02.01 112159 28 80		
		06.94-02.01 113920 28 35		
	[OM354.903]	06.94-02.01 110895 28 55		06.94- 110524 24 4.0
		06.94-02.01 112159 28 80		
		06.94-02.01 113920 28 35		
	[OM364.950]	04.86-02.01 112159 28 80		04.86-02.01 110524 24 4.0
		04.86-02.01 113920 28 35		04.86-02.01 113979 24 4.0
	[OM364.952]	04.86-02.01 112159 28 80		04.86-02.01 110524 24 4.0
		04.86-02.01 113920 28 35		04.86-02.01 113979 24 4.0
	[OM364.957]	04.86-12.94 111154 14 65		02.92-02.01 110524 24 4.0
		02.92-02.01 113920 28 35		02.92-02.01 113979 24 4.0
714 4.0	(T2/LN1)[OM354.923]	06.94-02.01 110895 28 55		06.94-02.01 110524 24 4.0
		06.94-02.01 112159 28 80		
		06.94-02.01 113920 28 35		
		01.98-02.01 112561 28 80		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



809 4.0	(T2/LN1)[OM364.906]	04.86- 02.01	110895	28	55	04.86- 02.01	113979	24	4.0		
		04.86- 02.01	112159	28	80	04.86- 02.01	110524	24	4.0		
		04.86- 02.01	113920	28	35						
		11.86- 02.91	110906	28	30						
	[OM364.911]	03.86- 10.86	110113	28	27	04.86-	110524	24	4.0		
		04.86- 02.91	110895	28	55	04.86- 02.01	113979	24	4.0		
		04.86-	112159	28	80						
		04.86- 02.01	113920	28	35						
		11.86- 02.91	110906	28	30						
	[OM364.920]	04.86-	110895	28	55	04.86-	110524	24	4.0		
		04.86-	112159	28	80	04.86- 12.94	113979	24	4.0		
		04.86- 12.94	113920	28	35						
		11.86- 02.91	110906	28	30						
[OM364.921]	04.86- 10.86	110113	28	27	04.86- 02.01	110524	24	4.0			
	11.86- 02.01	110895	28	55	02.92- 12.94	113979	24	4.0			
	11.86- 02.91	110906	28	30							
	02.92-	112159	28	80							
	02.92- 12.94	113920	28	35							
810 4.0	(T2/LN1)[OM354.903]	04.86- 02.01	113920	28	35	04.86- 11.10	113979	24	4.0		
		06.94- 02.01	110895	28	55	04.86- 02.01	110524	24	4.0		
		06.94- 02.01	112159	28	80						
		06.96- 02.01	112561	28	80						
		06.96- 02.01	113448	28	100						
811 4.0	(T2/LN1)[OM354.901]	04.86- 12.94	113920	28	35	04.86- 12.94	113979	24	4.0		
		06.94-	110895	28	55	04.86- 02.01	110524	24	4.0		
		06.94-	112159	28	80						
	[OM364.950]	04.86- 02.01	113920	28	35	04.86- 02.01	113979	24	4.0		
		03.96- 02.01	112561	28	80	04.86- 02.01	110524	24	4.0		
	[OM364.952]	04.86- 02.01	113920	28	35	04.86- 02.01	113979	24	4.0		
		03.96- 02.01	112561	28	80	04.86- 02.01	110524	24	4.0		
[OM364.958]	02.92-	110895	28	55	04.86- 12.94	113979	24	4.0			
	02.92- 12.94	113920	28	35	04.86- 02.01	110524	24	4.0			
	03.96-	112561	28	80							
812 2.9	[OM602.985]	09.96-	111883	14	115	09.96-	111851	12	2.0		
		09.96-	111890	14	90						
812 4.3	[OM904.908]	09.96-	112561	28	80	09.96-	111982	24	4.0		
		09.96-	113448	28	100	09.96-	114523	24	4.0		
						09.96-	114523	24	4.0		
	[OM904.923]					09.96-	114523	24	4.0		
						09.96-	114523	24	4.0		
813 4.3	[OM904.908]	09.96-	112561	28	80	09.96-	111982	24	4.0		
		09.96-	113448	28	100	09.96-	114523	24	4.0		
814 4.0	(T2/LN1)[OM354.924]	04.86- 12.94	113920	28	35	04.86- 12.94	113979	24	4.0		
		06.94-	110895	28	55	06.94-	110524	24	4.0		
		11.87- 12.94	113920	28	35	11.87- 12.94	113979	24	4.0		
		06.94-	110895	28	55	06.94-	110524	24	4.0		
		11.87- 02.01	113920	28	35	11.87- 02.01	113979	24	4.0		
	[OM364.981]	01.91- 12.94	113920	28	35	01.91- 12.94	113979	24	4.0		
						01.91-	110524	24	4.0		
	[OM364.984]	01.91- 12.94	113920	28	35	01.91- 12.94	113979	24	4.0		
						01.91-	110524	24	4.0		
[OM364.986]	11.87- 12.94	113920	28	35	11.87- 12.94	113979	24	4.0			
					02.92-	110524	24	4.0			
[OM364.987]	02.92- 12.94	113920	28	35	02.92- 12.94	113979	24	4.0			
					02.92-	110524	24	4.0			
814 4.3	[OM904.908]	09.96-	112561	28	80	09.96-	114523	24	4.0		
		09.96-	113448	28	100	09.96-	111982	24	4.0		
815 4.3	[OM904.923]	09.96-	111982	28	80	09.96-	113448	24	4.0		
		09.96-	112561	28	80	09.96-	114523	24	4.0		
		09.96-	113448	28	100	09.96-	111982	24	4.0		
	[OM904.923]					09.96-	111982	24	4.0		
						09.96-	112561	24	4.0		
816 4.3	[OM904.923]	09.96-	112561	28	80	09.96-	111982	24	4.0		
		09.96-	113448	28	100	09.96-	114523	24	4.0		
	[OM904.923]					09.96-	111983#	24	6.6		
190 E 1.8	(201)[M102.910]	04.90- 08.93	111354	14	70	04.90- 08.93	111347	12	1.2		
		10.82- 08.86	110358	14	55	10.82- 05.85	110862	12	1.5		
		10.82- 06.93	110735	14	55	06.85- 12.86	111347	12	1.2		
		09.85- 08.93	110923	14	55						
		09.85- 08.90	111093	14	70						
		09.90- 08.93	111354	14	70						
		10.82- 08.86	110358	14	55	10.82- 12.86	110862	12	1.5		
		10.82- 06.93	110735	14	55	02.85- 08.93	111347	12	1.2		
		01.85- 08.93	110923	14	55						
		02.85- 08.90	111093	14	70						
		09.90- 08.93	111354	14	70						
		190 E 2.3	(201)[M102.985]	09.86- 08.93	110923	14	55	09.86- 08.93	111347	12	1.2
				09.86- 08.90	111093	14	70				
				09.90- 08.93	111354	14	70				
		190 E 2.3 -16	(201)[M102.983]	04.84- 01.87	110923	14	55	04.84- 05.85	110862	12	1.5
04.84- 08.88	111093			14	70	06.85- 08.88	111347	12	1.2		
PS 09.85- 08.88	111093			14	70						
190 E 2.5 Evolution II	(201)[M102.992]	03.89- 04.90	110923	14	55	05.90- 08.93	111347	12	1.2		
		05.90- 08.93	111093	14	70						
		PS 05.90- 08.93	111354	14	70						
190 E 2.5 -16	(201)[M102.990]	09.88- 08.93	110923	14	55	09.88- 08.93	111347	12	1.2		
		09.88- 08.93	111093	14	70						
		PS 09.88- 08.93	111093	14	70						
	[M102.991]	03.89- 08.93	110923	14	55	03.89- 08.93	111347	12	1.2		
		03.89- 08.93	111093	14	70						
190 E 2.6	(201)[M103.942]	09.86- 12.89	111093	14	70	09.86- 08.93	112315				
		09.86- 12.89	112734	14	80						
		09.89- 08.93	112785#	14	80						
		01.90- 08.93	111354	14	70						
190 SL 1.9	(124)[M121B]					01.55- 12.63	110206	24	5.4		
		09.88- 12.89	110923	14	55	09.88- 12.89	111347	12	1.2		
		09.88- 12.89	111093	14	70						
		12.84- 08.92	110923	14	55	09.88- 08.92	111347	12	1.2		
		04.85- 08.92	111093	14	70						
		10.92- 06.93	111354	14	70	10.92- 06.93	111347	12	1.2		
		10.92- 06.93	111369	14	90						
		220 CE 2.2	(124)[M111.960]	10.92- 05.93	111354	14	70	10.92- 05.93	111347	12	1.2
				10.92- 05.93	111369	14	90				
		220 E 2.2	(124)[M111.960]	10.92- 06.93	111354	14	70	10.92- 06.93	111347	12	1.2
				10.92- 06.93	111369	14	90				
		230 C 2.3	(123)[M115.954]	02.76- 03.81	110358	14	55	05.77- 04.80	110869	12	1.5
				05.77- 04.80	110730	14	35				
05.77- 04.80	110735			14	55						
230 CE 2.3	(123)[M102.980]	04.80- 12.85	110358	14	55	04.80- 12.85	110862	12	1.5		
		04.80- 12.85	110735	14	55						
	(124)[M102.982]	03.87- 12.92	110923	14	55	03.87- 12.92	111347	12	1.2		
		03.87- 12.92	111093	14	70						
		Eng. 178859- 03.87- 12.92	111354								





MERCEDES-BENZ Continued

Application list

230 GE 2.3	(460)[M102.979]					05.87-08.92	110862	12	1.5
	[M102.981]					04.82-08.85	110862	12	1.5
	[M102.987]					09.85-08.92	110862	12	1.5
	(461)[M102.979]	02.93-	113876#	14	55	02.93-08.93	110862	12	1.5
						02.93-	111065	12	2.2
						02.93-	113444#	12	2.2
	[M102.997]					06.93-	110862	12	1.5
	(463)[M102.989]					06.90-06.93	110862	12	1.5
						09.93-	111065	12	2.2
230 SL 2.3	(113)[M127.981]					01.63-01.67	110206	24	5.4
230.4 2.3	(115)[M115.951]	07.73-12.77	110358	14	55	08.73-12.76	110869	12	1.5
		08.73-12.76	110730	14	35				
		08.73-12.76	110735	14	55				
230.6 2.3	(114)[M180.954]	01.68-11.76	110358	14	55	01.68-11.76	110869	12	1.5
240 G 2.4 Diesel	(460)[OM616.936]	03.79-05.80	110358	14	55	03.79-08.87	110368	12	2.3
250 C 2.5	(114)[M114.920]	04.69-12.70	110727			04.69-06.72	110869	12	1.5
		04.69-06.72	110735	14	55				
250 C 2.9	(114)[M130.923]	06.72-07.73	110735	14	55	06.72-11.76	110869	12	1.5
		08.73-11.76	110358	14	55				
250 CE 2.5	(114)[M114.980]	04.69-12.70	110727			04.69-04.72	110869	12	1.5
		01.71-04.72	110735	14	55				
250 G 2.5 Diesel	(460)[OM602.930]	10.87-12.92	113876#	14	55	10.87-12.92	114319	24	2.5
						09.87-12.92	113444#	12	2.2
	(463)[OM602.931]					09.89-	111065	12	2.2
						09.89-	113444#	12	2.2
						06.90-	114319	24	2.5
260 E 2.6	(124)[M103.940]	09.85-12.89	111093	14	70	09.85-08.92	112315		
		09.86-08.89	112734	14	80				
		09.89-08.92	112785#	14	80				
		01.90-08.92	111354	14	70				
260 E 2.6 4 Matic	(124)[M103.940]	12.86-12.89	111093	14	70	12.86-12.89	112315		
		12.86-08.89	112734	14	80				
		09.89-12.89	112785#	14	80				
	[M103.943]	09.86-12.89	111093	14	70	09.86-08.92	112315		
		09.86-08.89	112734	14	80				
		09.89-08.92	112785#	14	80				
		01.90-08.92	111354	14	70				
260 SE 2.5	(126)[M103.941]	09.85-06.91	112734	14	80	09.85-06.91	112315		
280 C 2.7	(114)[M110.921]	06.72-02.77	110358	14	55	06.72-02.77	110869	12	1.5
	(123)[M110.923]	02.76-11.85	110358	14	55	03.77-03.80	110869	12	1.5
		03.78-03.80	110875	14	65				
280 CE 2.7	(114)[M110.981]	06.72-01.77	110358	14	55	06.72-01.77	110869	12	1.5
	(123)[M110.988]	02.76-11.85	110358	14	55	03.77-11.85	110869	12	1.5
		03.77-11.85	110735	14	55				
		03.78-11.85	110875	14	65				
280 E 2.7	(114)[M110.981]	06.72-11.76	110358	14	55	06.72-11.76	110869	12	1.5
	(123)[M110.984]	02.76-11.85	110358	14	55	02.76-11.85	110869	12	1.5
		02.76-11.85	110735	14	55				
		03.78-11.85	110875	14	65				
	[M110.988]	02.76-11.85	110358	14	55	02.76-11.85	110869	12	1.5
		02.76-11.85	110735	14	55				
		03.78-11.85	110875	14	65				
280 E 2.8	(123)[M110.988]	02.76-11.85	110358	14	55	09.77-11.85	110869	12	1.5
		09.77-11.85	110735	14	55				
		03.78-11.85	110875	14	65				
	(124)[M104.942]	10.92-06.93	111369	14	90	10.92-06.93	112315		
280 GE 2.7	(460)[M110.994]	11.79-05.80	110358	14	55	11.79-08.89	110838	12	1.5
280 S 2.7	(116)[M110.922]	08.72-07.80	110358	14	55	08.72-07.80	110869	12	1.5
		03.78-07.80	110875	14	65				
	(126)[M110.924]	12.79-07.85	110875	14	65	03.80-07.85	110838	12	1.5
		08.82-07.85	111149	14	80	12.79-02.80	110869	12	1.5
	[M110.926]	12.79-07.85	110875	14	65	03.80-07.85	110838	12	1.5
		08.82-07.85	111149	14	80	12.79-02.80	110869	12	1.5
280 S 2.8	(108)[M130.920]	10.67-12.70	110727			10.67-07.72	110869	12	1.5
		06.69-07.72	110735	14	55				
280 SE 2.7	(116)[M110.983]	08.72-07.76	110358	14	55	08.72-07.76	110869	12	1.5
	[M110.985]	08.72-07.80	110358	14	55	08.72-07.80	110869	12	1.5
		03.78-07.80	110875	14	65	RHD 10.76-07.80	110997	12	0.8
	(126)[M110.987]	10.79-07.85	110875	14	65	10.79-07.85	110838	12	1.5
		08.82-07.85	111149	14	80				
	[M110.989]	10.79-07.85	110875	14	65	10.79-07.85	110838	12	1.5
		08.82-07.85	111149	14	80				
280 SE 2.8	(108,109)[M130.980]	01.68-12.71	110727			01.68-08.72	110869	12	1.5
		AC 06.69-12.71	110735	14	55				
	(111)[M130.980]	01.68-12.71	110727			10.68-12.71	110869	12	1.5
		AC 06.69-12.71	110735	14	55	01.68-09.68	110997	12	0.8
280 SE 3.5	(108)[M116.980]					03.71-08.72	110869	12	1.5
	(111)[M116.980]					01.69-12.71	110869	12	1.5
280 SEL 2.7	(116)[M110.983]	08.72-07.76	110358	14	55				
		03.78-07.80	110875	14	65				
	[M110.985]	08.76-07.80	110358	14	55	08.76-07.80	110869	12	1.5
		03.78-07.80	110875	14	65	RHD 10.76-07.80	110997	12	0.8
	(126)[M110.987]	10.79-07.85	110875	14	65	10.79-02.80	110869	12	1.5
		08.82-07.85	111149	14	80	12.79-07.85	110838	12	1.5
	[M110.989]	10.79-07.85	110875	14	65	10.79-02.80	110869	12	1.5
		08.82-07.85	111149	14	80	12.79-07.85	110838	12	1.5
280 SL 2.7	(107)[M110.982]	08.74-11.80	110358	14	55	08.74-07.85	110869	12	1.5
		06.76-07.85	110875	14	65				
	[M110.986]	08.74-11.80	110358	14	55	08.74-07.85	110869	12	1.5
		06.76-07.85	110875	14	65				
	[M110.990]	08.74-11.80	110358	14	55	08.74-07.85	110869	12	1.5
		06.76-07.85	110875	14	65				
	(113)[M130.983]	01.68-03.71	110727			10.68-12.71	110869	12	1.5
						01.68-09.68	110997	12	0.8
280 SLC 2.8	(107)[M110.982]	08.74-09.81	110358	14	55	08.74-09.81	110869	12	1.5
		06.76-09.81	110875	14	65				
	[M110.986]	08.74-09.81	110358	14	55	08.74-09.81	110869	12	1.5
		06.76-09.81	110875	14	65				
	[M110.990]	08.74-09.81	110358	14	55	08.74-09.81	110869	12	1.5
		06.76-09.81	110875	14	65				
280 TE 2.8	(124)[M104.942]	10.92-06.93	111369	14	90	10.92-06.93	112315		
290 G 2.9 Diesel	(463)[OM602.942]	04.92-	113876#	14	55	04.92-	113444#	12	2.2
290 G 2.9 TD	(461)[OM602.983]	07.97-	111890	14	90	04.92-	111065	12	2.2
						07.97-	113444#	12	2.2
						07.97-	114319	24	2.5
300 C 2.9 TD	(123)[OM617.952]	09.81-07.85	110358	14	55	09.81-07.85	110368	12	2.3
300 CE-24 3.0	(124)[M104.980]					09.89-06.93	112315		
300 E 2.9	(124)[M103.980]	01.85-12.85	111093	14	70	06.85-12.85	112315		
						01.85-05.85	110862	12	1.5
300 E 3.0	(124)[M103.983]	06.85-12.89	111093	14	70	06.85-08.92	112315		
		09.86-08.89	112734	14	80				
		09.89-08.92	111354	14	70				
		09.89-08.92	112785#	14	80				
300 E 3.0 4 Matic	(124)[M103.983]	09.86-12.89	111093	14	70	09.86-02.92	112315		
		09.86-08.89	112734	14	80				
		09.89-02.92	112785#	14	80				
		01.90-02.92	111354	14	70				
	[M103.985]	09.86-12.89	111093	14	70	09.86-06.93	112315		
		09.86-08.89	112734	14	80				
		09.89-06.93	112785#	14	80				
		01.90-06.93	111354	14	70				
300 E-24 3.0	(124)[M104.980]	09.89-08.92	112539	14	110	09.88-08.92	112315		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



300 G 3.0 Diesel	(460)[OM603.912]					09.89- 07.93	111065	12 2.2						
	[OM617.931]	12.79- 05.80	110358	14 55		09.89- 07.93	113444#	12 2.2	A29					
	(463)[OM603.931]	09.89- 09.97	113876#	14 55		12.79- 12.91	110368	12 2.3						
300 GE 3.0	(463)[M103.987]	08.90- 08.93	111149	14 80		09.89-	111065	12 2.2						
						01.95- 01.98	113133							
						09.89-	113444#	12 2.2	A29					
						09.89- 09.97	114319	24 2.5						
300 SE 2.9	(126)[M103.981]	09.85- 06.91	112734	14 80		09.85- 06.91	112315							
	(140)[M104.990]	03.91- 10.98	112775	14 70		01.95- 10.98	113133							
	[M104.994]	03.91- 10.98	112775	14 70		03.91- 05.93	112315							
300 SEL 2.8	(108)[M130.981]	01.68- 12.70	110727	14 55		01.68- 08.72	110869	12 1.5						
						06.69- 08.72	110735							
300 SEL 2.9	(126)[M103.981]	06.85- 06.91	112734	14 80		09.85- 06.91	112315							
300 SL 3.2	(140)[M104.990]	03.91- 10.98	112775	14 70		03.91- 05.93	112315							
						01.95- 10.98	113133							
						[M104.994]	03.91- 10.98	112775	14 70		05.93- 10.98	112315		
300 SEL 3.5	(108)[M116.981]	01.71- 08.72	110735	14 55		01.70- 07.72	110869	12 1.5						
						05.93- 10.98	112194	14 120						
300 SEL 6.3	(108)[M100.981]	01.71- 08.72	110735	14 55		09.85- 08.89	112315							
300 SL 2.9	(107)[M103.982]	09.85- 08.89	111093	14 70		03.89- 08.93	112530	14 120						
300 SL 3.0	(129)[M103.984]	03.89- 08.93	112530	14 120		03.89- 08.93	112774	14 100						
						03.89- 08.93	112774	14 100						
300 SL-24 3.0	(129)[M104.981]	10.92- 05.93	111369	14 90		03.89- 07.93	112315							
320 CE 3.2	(124)[M104.992]	10.92- 06.93	111369	14 90		10.92- 05.93	112315							
320 E 3.2	(124)[M104.992]	09.91- 09.97	113768	14 95		10.92- 06.93	112315							
350 G 3.4 TD	(463)[OM603.972]	07.94- 06.96	112529	14 90		09.91-	113444#	12 2.2						
						08.72- 02.76	110358	14 55						
350 SE 3.5	(116)[M116.983]	08.72- 02.76	110358	14 55		08.72- 02.76	110869	12 1.5						
						08.72- 02.76	110735	14 55						
350 SEL 3.5	(116)[M116.983]	08.72- 02.76	110358	14 55		03.76- 03.80	110869	12 1.5						
						08.72- 02.76	110358	14 55						
						08.72- 02.76	110735	14 55						
350 SEL 3.5	(116)[M116.983]	08.72- 02.76	110358	14 55		08.72- 02.76	110869	12 1.5						
						08.72- 02.76	110735	14 55						
						[M116.985]	08.74- 04.80	110358	14 55		03.76- 03.80	110869	12 1.5	
350 SL 3.5	(107)[M116.982]	05.71- 02.80	110358	14 55		05.71- 02.80	110869	12 1.5						
						05.71- 02.80	110735	14 55						
						[M116.984]	05.71- 02.80	110358	14 55		05.71- 02.80	110869	12 1.5	
350 SLC 3.5	(107)[M116.982]	01.72- 02.80	110358	14 55		01.72- 02.80	110869	12 1.5						
						01.72- 02.80	110735	14 55						
						[M116.984]	01.72- 02.80	110358	14 55		01.72- 02.80	110869	12 1.5	
380 SE 3.8	(126)[M116.961]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5						
						[M116.963]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5	
						01.82- 08.85	111149	14 80						
380 SEC 3.8	(126)[M116.963]	01.82- 07.85	111149	14 80		10.81- 07.85	110869	12 1.5						
380 SEL 3.8	(126)[M116.961]	01.82- 08.85	111149	14 80		08.87- 06.91	112820	12 1.7						
						[M116.963]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5	
380 SL 3.8	(107)[M116.960]	08.82- 08.85	111149	14 80		09.80- 08.81	110869	12 1.5						
						[M116.962]	08.82- 08.85	111149	14 80		09.80- 08.85	110869	12 1.5	
380 SLC 3.8	(107)[M116.960]	08.82- 08.85	111149	14 80		07.80- 08.81	110869	12 1.5						
400 E 4.2	(124)[M119.975]	10.92- 06.93	112539	14 110		10.92- 06.93	112820	12 1.7						
400 SE 4.2	(140)[M119.971]	02.91- 05.93	111850	14 143		10.92- 06.93	113133							
						02.91- 10.98	113133							
400 SEL 4.2	(140)[M119.971]	06.93- 09.95	111850	14 143		02.91- 05.93	112539	14 110						
						02.91- 05.93	112539	14 110						
						Eng. 011683-	02.91- 05.93	112539	14 110		02.91- 10.98	113179#	12 1.8	
406F 2.2 Diesel	(T2/L)[OM615.910]	01.68- 12.74	110727	14 110		02.91- 10.98	113179#	12 1.8						
						02.91- 10.98	113179#	12 1.8						
420 SE 4.2	(126)[M116.965]	09.85- 06.91	111149	14 80		06.93- 09.95	112820	12 1.7						
						02.91- 10.98	113133							
420 SEC 4.2	(126)[M116.965]	10.85- 06.91	111149	14 80		02.91- 10.98	113133							
						09.87- 06.91	112820	12 1.7						
420 SEL 4.2	(126)[M116.965]	09.85- 06.91	111149	14 80		10.85- 12.87	110869	12 1.5						
						09.85- 08.87	110869	12 1.5						
420 SL 4.1	(107)[M116.964]	01.86- 08.87	110869	12 1.5		09.85- 08.87	110869	12 1.5						
						09.87- 08.89	112820	12 1.7						
420 SL 4.2	(107)[M116.964]	01.86- 08.87	110869	12 1.5		09.87- 08.89	112820	12 1.7						
						01.86- 08.87	110869	12 1.5						
450 SE 4.5	(116)[M117.983]	01.73- 04.80	110735	14 55		01.73- 11.75	110869	12 1.5						
						08.74- 11.75	110358	14 55						
						[M117.986]	01.73- 04.80	110735	14 55		12.75- 04.80	110869	12 1.5	
450 SEL 4.5	(116)[M117.983]	01.73- 04.80	110735	14 55		12.75- 04.80	110358	14 55						
						01.73- 04.80	110735	14 55						
						[M117.986]	01.73- 04.80	110735	14 55		01.73- 11.75	110869	12 1.5	
450 SEL 6.9	(116)[M100.985]	07.75- 03.80	110358	14 55		12.75- 04.80	110358	14 55						
						07.75- 03.80	110358	14 55						
450 SL 4.5	(107)[M117.982]	10.72- 10.82	110735	14 55		10.72- 10.80	110869	12 1.5						
						08.74- 10.80	110358	14 55						
						[M117.985]	10.72- 10.80	110735	14 55		10.72- 10.80	110869	12 1.5	
450 SLC 4.5	(107)[M117.982]	01.73- 08.79	110358	14 55		09.75- 08.79	110735	14 55						
						01.73- 08.79	110358	14 55						
						[M117.985]	09.75- 08.79	110735	14 55		01.73- 08.79	110869	12 1.5	
450 SLC 5.0	(107)[M117.960]	06.78- 02.80	110358	14 55		06.78- 02.80	110869	12 1.5						
						06.78- 02.80	110735	14 55						
500 E 5.0	(124)[M119.974]	01.91- 06.93	112539	14 110		01.91- 06.93	112820	12 1.7						
						01.92- 06.93	112539	14 110						
500 E AMG 6.0	(124)	01.92- 06.93	112539	14 110		12.79- 08.85	110869	12 1.5						
						01.82- 08.85	111149	14 80						
						[M117.961]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5	
500 SE 4.9	(126)[M117.961]	01.82- 08.85	111149	14 80		09.85- 06.91	111149	14 80						
						[M117.963]	01.82- 08.85	111149	14 80		09.87- 06.91	112820	12 1.7	
						[M117.965]	09.85- 06.91	111149	14 80		09.85- 08.87	110869	12 1.5	
500 SE 5.0	(126)[M117.965]	09.85- 06.91	111149	14 80		09.87- 06.91	112820	12 1.7						
						09.85- 08.87	110869	12 1.5						
						(140)[M119.970]	02.91- 05.93	111850	14 143		09.85- 08.87	110869	12 1.5	
500 SEC 4.9	(126)[M117.963]	02.91- 05.93	111850	14 143		02.91- 10.98	113179#	12 1.8						
						02.91- 05.93	112539	14 110						
						Eng. 026391-	02.91- 05.93	112539	14 110		02.91- 05.93	112820	12 1.7	
500 SEC 4.9	(126)[M117.963]	08.82- 08.85	111149	14 80		10.81- 08.85	110869	12 1.5						
						[M117.965]	09.85- 06.91	111149	14 80		08.87- 06.91	112820	12 1.7	
						09.85- 06.91	111149	14 80		09.85- 08.87	110869	12 1.5		
500 SEC 5.0	(126)[M117.965]	01.82- 06.91	111149	14 80		09.87- 06.91	112820	12 1.7						
						09.85- 08.87	110869	12 1.5						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MERCEDES-BENZ Continued

Application list

500 SEL 5.0	(126)[M117.961]					12.79- 08.85	110869	12	1.5
	[M117.963]	01.82- 08.85	111149	14	80				
						12.79- 08.85	110869	12	1.5
	[M117.965]	09.85- 06.91	111149	14	80				
	(140)[M119.970]	02.91- 05.93	111850	14	143	09.85- 08.87	110869	12	1.5
		02.91- 05.93	112539	14	110	09.87- 06.91	112820	12	1.7
						02.91- 10.98	113179#	12	1.8
						02.91- 05.93	112820	12	1.7
500 SL 4.9	(107)[M117.960]					05.80- 12.85	110869	12	1.5
	[M117.964]	01.82- 12.85	111149	14	80				
						01.86- 08.89	110869	12	1.5
500 SL 5.0	(129)[M119.960]	09.89- 08.92	112774	14	100	09.89- 06.93	112820	12	1.7
		09.92- 06.93	111850	14	143	09.89- 08.92	113179#	12	1.8
		09.92- 06.93	112539	14	110				
	[M119.972]	09.89- 08.92	112774	14	100	09.89- 06.93	112820	12	1.7
		09.92- 06.93	111850	14	143	09.89- 08.92	113179#	12	1.8
		09.92- 06.93	112539	14	110				
560 SE 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80				
560 SEC 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80	09.87- 06.91	112820	12	1.7
						10.85- 12.89	110869	12	1.5
560 SEL 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80	10.85- 12.87	110869	12	1.5
						08.87- 06.91	112820	12	1.7
600 SE 6.0	(140)[M120.980]	04.91- 12.92	111850	14	143				
	[M120.982]	Eng. 025950- 04.91- 12.92	111850	14	143				
600 SEL 6.0	(140)[M120.980]	Eng. 025950- 04.91- 12.92	111850	14	143				
	[M120.982]	Eng. 025950- 04.91- 12.92	111850	14	143				
A 140 1.4	(168)[M166.940]	07.97-	111967	14	90	07.97-	111931	12	1.1
A 140 1.6	(168)[M166.960]	01.01-	111967	14	90	01.01-	111931	12	1.1
						01.01- 08.04	113756	12	0.8
A 150 1.5	(169)[M266.920]					09.04-	111931	12	1.1
A 160 1.5	(W169)[M266.920]	A25 04.09-	114046	14	130				
A 160 1.6	(168)[M166.960]	07.97-	111967	14	90	07.97-	111931	12	1.1
A 160 1.7 CDI	(168)[OM668.940]	02.01-	113251	14	150				
	[OM668.941]	07.98-	111943	14	90				
A 160 2.0 CDI	(169)[OM640.942]	09.04-	114042	14	180	09.04-	113756	12	0.8
		09.04-	114130	14	150				
A 170 1.7	(169)[M266.940]					09.04-	111931	12	1.1
	(W169)[M266.940]	A25 04.09-	114046	14	130				
A 170 1.7 CDI	(168)[OM668.940]	07.98-	111943	14	90				
		07.98- 02.01	113251	14	150				
	[OM668.942]	02.01-	113251	14	150				
A 180 2.0 CDI	(169)[OM640.940]	09.04-	114042	14	180				
		09.04-	114130	14	150				
A 190 1.9	(168)[M166.990]	04.99- 08.04	111943	14	90	03.99- 08.04	113756	12	0.8
						03.99-	111931	12	1.1
A 200 2.0 CDI	(169)[OM640.941]	09.04-	114042	14	180				
		09.04-	114130	14	150				
A 210 2.1	(168)[M166.995]					Chas. -J869216 03.02-	111931	12	1.1
B 150 1.5	(245)[M266.920]					03.05-	111931	12	1.1
	(W245)[M266.920]	A25 04.09-	114046	14	130				
B 170 1.7	(245)[M266.940]					03.05-	111931	12	1.1
	(W245)[M266.940]	A25 04.09-	114046	14	130				
B 180 2.0 CDI	(245)[OM640.940]	03.05-	114130	14	150				
B 200 2.0	(245)[M266.960]	03.05-	113877	14	120	03.05-	111931	12	1.1
B 200 2.0 CDI	(245)[OM640.941]	03.05-	114130	14	150				
C 160 1.8 Kompressor	(203)[M271.921]	05.02-	113877	14	120	06.05-	113513	12	1.1
C 180 1.8	(202)[M111.920]	03.93- 09.95	111354	14	70	03.93- 08.95	111347	12	1.2
		03.93- 09.95	111369	14	90				
		03.93- 09.95	112530	14	120				
	[M111.921]	11.94- 05.00	111354	14	70	11.94- 05.00	111347	12	1.2
		11.94- 05.00	111369	14	90				
		11.94- 05.00	112530	14	120				
	(C204)[M271.820]					06.11-	113513	12	1.1
	(S204)[M271.820]					11.09-	113513	12	1.1
C 180 1.8 Kompressor	(203)[M271.946]	05.02-	113877	14	120	06.02-	113513	12	1.1
C 180 2.0	(202)[M111.952]	09.00- 02.01	111890	14	90	09.00- 02.01	111347	12	1.2
		09.00- 02.01	112535	14	120				
		09.00- 02.01	113301	14	90				
	(203)[M111.951]	10.00- 05.02	112535	14	120	10.00- 05.02	111347	12	1.2
C 200 1.8 Kompressor	(203)[M271.940]	05.02-	113877	14	120	09.02-	113513	12	1.1
C 200 1.8 CGI Kompressor	(203)[M271.942]	07.03-	113877	14	120	09.02-	113513	12	1.1
C 200 2.0	(202)[M111.941]	01.94- 04.00	111354	14	70	01.94- 04.00	111347	12	1.2
		01.94- 04.00	111369	14	90	01.95- 01.98	113133		
		01.94- 04.00	112530	14	120				
		Eng. 000008- 06.96-	111369	14	90				
		Eng. -000007 06.96-	111354	14	70				
		AT, Eng. 000008- 06.96-	111369	14	90				
		AT, Eng. -000007 06.96-	111354	14	70				
	[M111.944]	11.96-	112529	14	90	11.96- 01.98	113133		
		11.96- 03.01	113768	14	95	11.96-	111347	12	1.2
	[M111.945]	01.94-	111354	14	70	01.94-	111347	12	1.2
		01.94-	111369	14	90	01.95- 01.98	113133		
		01.94-	112530	14	120				
		Eng. 000008- 06.96-	111369	14	90				
		Eng. -000007 06.96-	111354	14	70				
		AT, Eng. 000008- 06.96-	111369	14	90				
		AT, Eng. -000007 06.96-	111354	14	70				
C 200 2.0 Kompressor	(202)[M111.944]	10.95-	111979			10.95- 05.00	113133		
		10.95-	112529	14	90	10.95-	111347	12	1.2
		11.96- 05.00	113768	14	95				
	[M111.956]	09.00- 03.01	111903	14	90	09.00- 02.01	111347	12	1.2
		09.00- 02.01	112529	14	90				
		09.00- 03.01	113768	14	95				
	(203)[M111.955]	05.00- 05.02	113300	14	120	05.00- 08.02	111347	12	1.2
C 200 2.0 CDI	(202)[OM611.960]	03.98-	112197	14	115	01.98- 03.98	113133		
		03.98- 05.00	113889	14	90	03.98-	111851	12	2.0
						03.98- 05.00	113807		
C 200 2.0 Diesel	(202)[OM601.913]	03.93- 08.95	111354	14	70	01.95- 01.98	113133		
		03.93- 08.95	112529	14	90	02.94- 08.95	111851	12	2.0
						03.93- 01.94	112226		
	[OM604.915]	01.94-	111369	14	90	10.96- 01.98	113133		
		10.96-	111354	14	70	10.96-	111851	12	2.0
		10.96-	111979						
		10.96-	112529	14	90				
		AT, Eng. -000002 10.96-	112529	14	90				
C 200 2.1 CDI	(203)[OM611.962]	09.00- 02.03	113772	14	190	09.00-	111851	12	2.0
		03.01-	112428	14	150				
	[OM646.962]	02.01-	112428	14	150	02.01-	111851	12	2.0
		02.01-	113953	14	200				
	(204)[OM646.811]					01.07-	114093	12	1.7
	(S204)[OM646.811]					08.07-	114093	12	1.7



C 200 2.2 CDI	(202)[OM611.960]	03.98- 03.01	113889	14	90	03.98- 03.98- 03.01	111851	12	2.0	
		Eng. 007601- 03.98- 04.03-	112197	14	115	01.98- 03.98	113133			
C 220 2.1 CDI	(203)[OM646.962]	05.00- 02.03	113772	14	200	04.03-	111851	12	2.0	
	(203)[OM611.962]	03.01-	112428	14	150	05.00-	111851	12	2.0	
	(204)[OM646.811]					01.07-	114093	12	1.7	
C 220 2.2	(S204)[OM646.811]					08.07-	114093	12	1.7	
	(202)[M111.961]	03.93- 09.96	111354	14	70	03.93- 09.96	111347	12	1.2	
C 220 2.2 CDI	(202)[OM611.960]	09.97- 03.01	113889	14	90	09.97-	111851	12	2.0	
		Eng. 007601- 09.97-	112197	14	115	09.97- 03.01	113807			
	(203)[OM646.963]	02.04-	113953	14	200					
C 220 2.2 Diesel	(202)[OM604.910]	08.93- 06.99	111354	14	70	08.93- 05.94	111065	12	2.2	
		08.93- 06.99	111890	14	90	08.93- 01.94	112226			
		08.93- 06.99	111979	14	90	02.94- 06.99	111851	12	2.0	
		08.93- 06.99	112529	14	90					
		Eng. 003821- 05.96-	111979							
		Eng. -003820 05.96-	111354	14	70					
		AT, Eng. 000843- 05.96-	111979							
C 230 1.8 Kompressor	(203)[M271.948]	05.02-	113877	14	120	02.04-	113513	12	1.1	
	C 230 2.3	(202)[M111.974]	06.96- 06.98	111369	14	90	06.96-	111347	12	1.2
		06.96- 06.98	112530	14	120					
C 230 2.3 kompressor	(202)[M111.975]	09.95- 02.01	112529	14	90	10.95-	111347	12	1.2	
		10.95- 09.00	113768	14	95					
		AT 10.95-	112529	14	90					
C 230 2.5	(203)[M111.981]	03.01-	113300	14	120	03.01-	111347	12	1.2	
	(203)[M272.920]					RHD 01.05-	114178	12	1.4	
	(204)[M272.921]					RHD 01.07-	114178	12	1.4	
	(S204)[M272.921]					RHD 08.07-	114178	12	1.4	
C 230 2.5 4 Matic	(W204)[M272.911]					RHD 07.07-	114178	12	1.4	
C 240 2.4	(202)[M112.910]	06.97-	111902	14	115	06.97-	113282	12	1.4	
		06.97-	113302	14	120	06.97-	111768	12	1.7	
		06.97- 05.00	113835	14	120					
C 240 2.6	(202)[M112.915]	09.00- 03.01	111902	14	115	09.00- 03.01	111768	12	1.7	
	(203)[M112.912]	05.00-	113302	14	120	05.00-	111768	12	1.7	
C 240 2.6 4 Matic	(203)[M112.916]					05.00-	113282	12	1.4	
C 250 1.8	(C204)[M271.860]					09.02-	113282	12	1.4	
C 250 2.5 Diesel	(202)[OM605.910]	05.93- 08.95	111354	14	70	05.93- 08.95	111851	12	2.0	
C 250 2.5 TD	(202)[OM605.960]	05.93- 02.01	112529	14	90	09.95- 12.95	112226			
		10.95- 03.01	113768	14	95	12.95-	111851	12	2.0	
		05.96-	111979	14	90					
	AT, Eng. -017598 06.96-	112529	14	90						
	AT, Eng. -005789 06.96-	112529	14	90						
C 270 2.7 CDI	(203)[OM612.962]	03.01- 04.01-	112428	14	150	12.00-	112440	12	2.2	
			113772	14	190	12.00-	111851	12	2.0	
C 280 2.8	(202)[M104.941]	05.93- 05.97	111369	14	90	05.93- 05.97	112315			
		05.93- 05.97	112530	14	120					
		Eng. 006763- 05.93- 05.97	112530	14	120					
		Eng. -006762 05.93- 05.97	112539	14	110					
		AT, Eng. 079896- 05.93- 05.97	112530	14	120					
		AT, Eng. -006762 05.93- 05.97	112539	14	110					
		[M112.920]	06.97- 02.01	111902	14	115	06.97-	113282	12	1.4
		06.97- 02.01	113302	14	120	06.97-	111768	12	1.7	
	06.97- 03.01	113835	14	120						
C 280 3.0	(203)[M272.940]					RHD 01.05-	114178	12	1.4	
	(204)[M272.947]					RHD 01.07-	114178	12	1.4	
	(S204)[M272.947]					RHD 08.07-	114178	12	1.4	
C 280 3.0 4 Matic	(203)[M272.941]					RHD 01.05-	114178	12	1.4	
	(W204)[M272.947]					RHD 07.07-	114178	12	1.4	
C 30 AMG 3.0 CDI	(203)[OM612.990]	09.02-	112425	14	150	09.02-	111851	12	2.0	
C 32 AMG 3.2	(203)[M112.961]	02.01-	113302	14	120	02.01-	113282	12	1.4	
C 32 AMG 3.2 kompressor	(203)[M112.961]					03.01-	113282	12	1.4	
						05.02-	113835			
C 320 3.0 CDI	(203)[OM642.910]	01.05-	114042	14	180					
	(204)[OM642.960]	01.07-	114042	14	180					
	(S204)[OM642.960]	08.07-	114042	14	180					
	(W204)[OM642.960]	07.07-	114042	14	180					
	(S204)[OM642.960]	08.07-	114042	14	180					
C 320 3.0 CDI 4 Matic	(203)[M112.946]	05.00-	113302	14	120	05.00-	113282	12	1.4	
C 320 3.2	(203)[M112.946]					05.00-	111768	12	1.7	
C 320 3.2 4 Matic	(203)[M112.953]					09.02-	113282	12	1.4	
	[M112.953]					09.02-	113282	12	1.4	
C 320 C 3.2	(203)[M112.946]	09.02-	113302	14	120	09.02-	113282	12	1.4	
C 350 3.5	(203)[M272.960]					Chas. -F507076 01.05-	113282	12	1.4	
	(S204)[M272.962]					RHD 01.07-	114178	12	1.4	
	(S204)[M272.961]					RHD 08.07-	114178	12	1.4	
C 350 3.5 4 Matic	(W204)[M272.961]					01.11-	114093	12	1.7	
	(203)[M272.970]					Chas. -F507076 07.05-	113282	12	1.4	
						07.05-	113282	12	1.4	
	(W204)[M272.971]					RHD 07.07-	114178	12	1.4	
C 350 3.5 CGI	(W204)[M272.982]					RHD 09.08-	114178	12	1.4	
C 36 AMG 3.6	(202)[M104.941]	05.94-	111369	14	90	05.94-	112315			
		05.94-	112539	14	110	01.94- 05.97	111851	12	2.0	
		Eng. 006763- 05.94-	112530	14	120					
		AT, Eng. 079896- 05.94-	112530	14	120					
C 43 AMG 4.3	(202)[M113.944]	08.97- 05.00	111850	14	143	08.97- 04.00	111768	12	1.7	
C 55 AMG 5.4	(203)[M113.988]					02.04-	111768	12	1.7	
CL 500 5.0	(215)[M113.960]	03.99-	113489	14	150	03.99-	111768	12	1.7	
CL 500 5.5	(216)[M273.961]					RHD 06.06-	114178	12	1.4	
CL 55 AMG 5.4	(215)[M113.986]	10.99- 03.06	111850	14	143	Chas. -A 040588 09.99- 08.02	111768	12	1.7	
CL 55 AMG 5.4 Kompressor	(215)[M113.991]					Chas. -A 040588 09.02-	111768	12	1.7	
CL 600 5.5	(215)[M275.950]					09.02-	111768	12	1.7	
CL 600 5.8	(220)[M137.970]	03.99-	112428	14	150	03.99- 03.06	111768	12	1.7	
CL 65 AMG 6.0	[M275.980]					09.03-	111768	12	1.7	
CLC 220 2.1 CDI	[OM646.962]	05.08-	113953	14	200	05.08-	114093	12	1.7	
	[OM646.963]	05.08-	113953	14	200	05.08-	114093	12	1.7	
CLC 230 2.5	[M272.920]					RHD 05.08-	114178	12	1.4	
CLK 200 2.0	(208)[M111.941]	01.94- 04.00	111369	14	90	06.97- 06.02	111347	12	1.2	
		01.94- 04.00	112530	14	120	06.97- 01.98	113133			
	[M111.945]	06.97-	111369	14	90	06.97- 01.98	113133			
CLK 200 2.0 Kompressor	(208)[M111.944]	06.97-	112529	14	90	06.97- 03.98	113133			
		06.97- 06.00	113768	14	95	06.97-	111347	12	1.2	
	(209)[M271.940]	02.03-	113877	14	120	02.03-	113513	12	1.1	
CLK 200 2.0 16V	(208)[M111.941]	03.98- 111369	14	90	01.98- 03.98	113133				
		03.98- 112530	14	120	03.98-	111347	12	1.2		
	[M111.945]	03.98- 111369	14	90	03.98-	111347	12	1.2		
	03.98- 112530	14	120	01.98- 03.98	113133					
CLK 200 2.0 CGI Kompressor	(209)[M271.942]	07.03-	113877	14	120	07.03-	113513	12	1.1	
CLK 220 2.1 CDI	(209)[OM646.966]	01.05-	113953	14	200	01.05-	111851	12	2.0	
						01.05-	114093	12	1.7	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MERCEDES-BENZ Continued

CLK 230 2.3 Kompressor	(208)[M111.973]	06.96-01.00	113486	14	90	06.97-06.00	111347	12	1.2
		06.97-06.00	113768	14	95				
	[M111.975]	06.97-06.00	113768	14	95	06.97-	111347	12	1.2
CLK 240 2.4	[M111.982]	06.00-01.03	113301	14	90	06.00-01.03	111347	12	1.2
	[M112.912]	02.03-	113302	14	120	02.03-	113282	12	1.4
CLK 270 2.7 CDI	(209)[OM612.962]					10.02-	111851	12	2.0
	[OM612.967]					10.02-	111851	12	2.0
CLK 280 3.0	(209)[M272.940]					RHD 01.05-	114178	12	1.4
CLK 320 3.0 CDI	(209)[OM642.910]	01.05-	114042	14	180				
CLK 320 3.2	(208)[M112.940]	06.97-	111902	14	115	06.97-	113282	12	1.4
		06.97-	113302	14	120	06.97-	111768	12	1.7
		06.97-06.02	113835	14	120				
	[M112.955]	02.03-	113302	14	120	02.03-	113282	12	1.4
CLK 350 3.5	(209)[M272.960]					RHD 01.05-	114178	12	1.4
CLK 430 4.3	(208)[M113.943]	Chas. -F180102, -07.98- T091959	111850	14	143	▲ 07.98-	111768	12	1.7
CLK 430 4.3 V8	(208)[M113.943]	Chas. -F180102, -09.98- T091959	111850	14	143	▲ 09.98-	111768	12	1.7
CLK 500 5.0	[M113.968]					02.03-	111768	12	1.7
CLK 500 5.5	(A209)[M273.967]					RHD 06.06-	114178	12	1.4
CLK 55 AMG 5.4	(209)[M113.987]					09.02-	111768	12	1.7
	[M113.987]					02.03-	111768	12	1.7
CLK 55 AMG 5.5	(208)[M113.981]					08.99-06.02	111768	12	1.7
	[M113.984]					05.99-04.02	111768	12	1.7
CLK 55 DTM AMG 5.4	(209)[M113.994]					02.03-	111768	12	1.7
CLS 350 3.5	(219)[M272.964]	10.04-	114454	14	180				
	[M272.985]	04.06-	114454	14	180				
CLS 350 3.5 CGI	(219)[M272.985]	04.09-	114454	14	180				
CLS 500 5.5	(219)[M273.960]	Chas. A038332-04.06-	114454	14	180				
E 200 1.8 CGI	(207)[M271.860]					01.10-	113513	12	1.1
E 200 1.8 Kompressor	[M271.941]					11.02-	113513	12	1.1
E 200 1.8 NGT	(211)[M271.941]					03.02-	113513	12	1.1
E 200 2.0	(124)[M111.940]	06.93-06.97	111354	14	70	06.93-06.97	111347	12	1.2
		06.93-06.97	111369	14	90	01.95-03.98	113133		
		06.93-06.97	112530	14	120				
		Eng. 035551-06.93-	111369	14	90				
		Eng. -035550-06.93-	111354	14	70				
		AT, Eng. 015029-06.93-	111369	14	90				
		AT, Eng. -015028-06.93-	111354	14	70				
(210)[M111.942]	06.95-	111369	14	90	06.95-01.98	113133			
	06.95-	112530	14	120	06.95-	111347	12	1.2	
	AT, Eng. -013255-06.95-	111369	14	90					
E 200 2.0 Kompressor	(210)[M111.947]	06.97-	113486	14	90	06.97-06.97-01.98	111347	12	1.2
	[M111.957]	08.00-03.03	113300	14	120	08.00-03.03	111347	12	1.2
		08.00-03.03	113301	14	90				
E 200 2.0 Diesel	(124)[OM601.912]	06.93-06.95	110923	14	55	06.93-06.95	111065	12	2.2
		06.93-06.95	111093	14	70	01.95-06.95	113133		
		03.93-06.99	111979	14	115	06.95-01.96-01.98	111851	12	2.0
(210)[OM604.917]	06.95-	111883	14	115					
	06.95-	112529	14	90					
	07.99-	112197	14	115	07.99-	111851	12	2.0	
	07.99-	112428	14	150					
	07.99-03.02	113771	14	190					
	07.99-03.02	113772	14	190					
	(211)[OM646.820]					04.06-	114093	12	1.7
E 200 2.1 CDI T-Model	(S211)[OM646.821]					04.06-	114093	12	1.7
E 200 2.2 CDI	(210)[OM611.961]	06.98-	112197	14	115	01.98-06.98	113133		
		06.98-	112428	14	150	06.98-	111851	12	2.0
		06.98-03.02	113771	14	190				
E 200 E 2.1 CDI	(211)[OM646.951]	07.02-	113274	14	200	07.02-	111851	12	2.0
		07.02-	113944	14	200				
E 220 2.1 CDI	(211)[OM646.821] [OM646.961]	Eng. 30112422-03.02-	113953	14	200	04.06-03.02-	114093	12	1.7
		Eng. 30085732-03.02- 30112421	113944	14	200	03.03-	111851	12	2.0
		Eng. -30085731-03.02-	113274	14	200				
E 220 2.2	(124)[M111.960]	06.93-06.97	111354	14	70	06.93-06.97	111347	12	1.2
		06.93-06.97	111369	14	90				
		06.93-06.97	112530	14	120				
		Eng. 021892-06.93-	111369	14	90				
		Eng. -021891-06.93-	111354	14	70				
		AT, Eng. 043680-06.93-	111369	14	90				
		AT, Eng. -043679-06.93-	111354	14	70				
E 220 2.2 CDI	(210)[OM611.961]	03.02-	113274	14	200	06.98-03.03	111851	12	2.0
		06.98-06.99	112197	14	115				
		06.98-08.00	112428	14	150				
		06.98-	112528	14	75				
		07.99-03.03	113771	14	190				
		07.99-03.03	113772	14	190				
		Eng. 007601-044618-06.98-	112197	14	115				
		Eng. 007601-07.99-	112197	14	115				
E 220 2.2 Diesel	(210)[OM604.912]	06.95-06.99	111883	14	115	01.96-06.99	111851	12	2.0
		06.95-06.99	111979	14	90	06.95-12.95	112226		
		06.95-06.99	112529	14	90	06.95-	111065	12	2.2
		06.95-08.97	111369	14	90	06.95-08.97	111347	12	1.2
E 230 2.3	(210)[M111.970]	06.95-08.97	111369	14	90				
		06.95-08.97	112530	14	120				
		AT, Eng. -035180-06.95-	111369	14	90				
E 240 2.4	(210)[M112.911]	06.97-	113302	14	120	06.97-	113282	12	1.4
		06.97-03.03	113835	14	120	09.97-	111768	12	1.7
		09.97-	111902	14	115				
E 240 2.6	(210)[M112.914]	08.00-03.03	113835	14	120	08.00-03.03	111768	12	1.7
		Chas. B080432-, 08.00-03.02	113302	14	120	08.00-03.03	113282	12	1.4
		X035650-							
		Chas. -B080431-, 08.00-03.03	111902	14	115				
		X035649							
	(211)[M112.913]	03.02-	113302	14	120	03.02-	113282	12	1.4
	[M112.917]	03.02-	113835	14	120				
E 240 2.6 4 Matic	(211)[M112.917]	03.02-	113835	14	120	03.02-	113282	12	1.4
		03.03-	113835	14	120	09.03-	113282	12	1.4
E 250 2.5 Diesel	(124)[OM605.911]	07.93-06.95	111354	14	70	07.93-06.95	111065	12	2.2
		07.93-06.95	112529	14	90				
		07.93-06.95	113768	14	95				
(210)[OM605.912]	07.93-06.99	112529	14	90	01.96-	111851	12	2.0	
	06.95-	111883	14	115	06.95-	111065	12	2.2	
					06.95-12.95	112226			
E 250 2.5 TD	(124)[OM602.962]	06.93-06.95	110923	14	55	06.93-06.95	111065	12	2.2
		06.93-06.96	111093	14	70				
		06.93-06.96	111354	14	70	06.93-06.96	111851	12	2.0
		06.93-06.96	112529	14	90	06.93-06.96	112226		
		06.93-06.96	113768	14	95				
		(210)[OM605.912]	06.96-	111883	14	115	06.96-	111851	12
		111979							



Application list

	[OM605.962]	07.93-06.99	112529	14	90		06.97-	111851	12	2.0
		06.97-	111883	14	115					
		06.97-	111979							
E 270 2.7 CDI	(210)[OM612.961]	03.02-	113274	14	200		07.99-	111851	12	2.0
		07.99-	112428	14	150		07.99-	112440	12	2.2
		07.99-03.02	113771	14	190					
		07.99-03.02	113772	14	190					
	(211)[OM647.961]	03.02-	113274	14	200		03.02-	112440	12	2.2
		03.02-	113944	14	200					
	[OM647.961]	03.03-	113274	14	200		03.03-	111851	12	2.0
		03.03-	113944	14	200					
E 270 T 2.7 CDI	(210)[OM612.961]	03.02-	113274	14	200		07.99-	111851	12	2.0
		07.99-	112428	14	150					
		07.99-03.03	113771	14	190					
E 280 2.8	(124)[M104.942]	06.93-06.96	111369	14	90		07.93-05.96	111851	12	2.0
		06.93-06.96	112530	14	120		06.93-06.96	112315		
	(210)[M112.921]	12.96-03.03	111850	14	143		07.96-01.03	113282	12	1.4
		12.96-	111902	14	115		07.96-01.03	111768	12	1.7
		12.96-03.03	113835	14	120					
		03.97-	113302	14	120					
	Chas. B080432-, 12.96-	03.02	113302	14	120					
	X035650-									
	Chas. -B080431, -03.97-	01.03	111902	14	115					
	X035649									
E 280 2.8 4 Matic	(210)[M112.921]	01.96-	111979				07.96-03.03	113282	12	1.4
		07.96-	111850	14	143		07.96-03.03	111768	12	1.7
		12.96-03.03	113835	14	120					
		03.97-	111902	14	115					
	Chas. B080432-, 07.96-	01.03	113302	14	120					
	X035650-									
	Chas. -B080431, -07.96-	01.03	111902	14	115					
	X035649									
E 280 3.0	(211)[M272.943]	03.05-	114454	14	180					
	(211)[OM642.920]	03.05-	114042	14	180					
E 280 3.0 CDI	(211)[OM648.961]	Eng. 30042544-05.04-	113953	14	200		05.04-	111851	12	2.0
		Eng. -30042543-05.04-	113944	14	200					
E 280 E 2.8	(210)[M104.945]	01.96-02.97	111369	14	90		01.96-02.97	112315		
		01.96-02.97	112539	14	110					
E 290 2.9 TD	(210)[OM602.982]	01.96-	111890	14	90		03.96-	111065	12	2.2
		03.96-06.99	112529	14	90		06.96-	111851	12	2.0
		06.96-	111883	14	115					
		06.96-	111979							
E 290 E 2.9 TD	(210)[OM602.982]	01.96-	111883	14	115		01.96-	111851	12	2.0
		01.96-	111979							
E 300 3.0 4 Matic	(124)[M103.985]	06.93-08.94	111093	14	70		01.95-06.96	113133		
		06.93-06.95	111149	14	80		06.93-06.95	112315		
		06.93-06.95	111354	14	70					
	Eng. 008222-06.93-	06.95	112785#	14	80					
	Eng. 002377-06.93-	06.95	111354	14	70					
	Eng. -002376-06.93-		111093	14	70					
	Eng. 002357-06.93-	06.95	111369	14	90					
	Eng. 002188-06.93-	06.95	112785#	14	80					
	Eng. -002187-06.93-		112734	14	80					
	AT, Eng. -009456-06.93-		111093	14	70					
	AT, Eng. -008221-06.93-		112734	14	80					
	AT, Eng. 002357-06.93-	06.95	111354	14	70					
	AT, Eng. 002357-06.93-	06.95	111369	14	90					
E 300 3.0 Diesel	(124)[OM606.910]	07.93-06.95	111354	14	70		01.95-06.95	113133		
		07.93-06.95	112529	14	90		07.93-06.95	111065	12	2.2
		07.93-06.95	113768	14	95					
	(210)[OM606.912]	06.95-02.97	112529	14	90		06.95-	111065	12	2.2
		02.97	111883	14	115		09.97-	112820	12	1.7
							06.95-02.97	112226		
							06.95-06.97	113133		
E 300 3.0 TD	(124)[OM603.960]	06.93-06.95	111093	14	70		06.93-06.95	111065	12	2.2
		06.93-06.96	113768	14	95		01.95-06.96	113133		
	Eng. 051061-06.93-		112529	14	90		06.93-	112226		
	Eng. -051060-06.93-		111093	14	70					
	[OM606.910]	06.93-06.96	111354	14	70		06.93-06.96	112226		
		06.93-06.96	112529	14	90		01.95-06.96	113133		
		06.93-06.96	113768	14	95					
	(210)[OM606.962]	12.96-06.99	111883	14	115		03.97-07.99	112226		
		12.96-	111890	14	90		12.96-01.98	113133		
		12.96-11.97	111979							
E 300 3.0 TD 4 Matic	(124)[OM603.963]	06.93-06.95	111093	14	70		06.93-06.95	111065	12	2.2
		06.93-06.96	113768	14	95		01.95-06.96	113133		
	Eng. 004326-06.93-		112529	14	90					
	Eng. -004325-06.93-		111093	14	70					
E 300 CE 3.0	(124)[M103.983]	03.87-12.89	111093	14	70		03.87-05.93	112315		
		09.89-05.93	112785#	14	80					
		01.90-05.93	111354	14	70					
E 300 TE-24 AMG 3.0	(124)[M104.980]	10.92-06.98	111369	14	90		01.95-06.96	113133		
E 320 3.2	(124)[M104.992]	06.93-06.98	112530	14	120		10.92-06.98	112315		
	[M104.995]	06.93-06.98	111369	14	90		06.93-06.98	112315		
		06.93-06.98	112530	14	120					
	(210)[M104.992]	06.95-02.97	111369	14	90		06.95-	112315		
		06.95-02.97	112530	14	120		06.95-02.97	111851	12	2.0
		06.95-	112539	14	110					
	[M112.941]	12.96-03.03	113835	14	120		03.97-03.03	113282	12	1.4
		03.97-	111902	14	115		03.97-03.03	111768	12	1.7
	Chas. B080432-, 03.97-	03.03	113302	14	120					
	X035650-									
	Chas. -B080431, -03.97-	03.03	111902	14	115					
	X035649									
E 320 3.2 4 Matic	(211)[M112.949]						03.02-	113282	12	1.4
	(210)[M112.941]	12.96-03.03	113835	14	120		06.97-03.02	111768	12	1.7
		06.97-	111902	14	115		12.96-03.02	113282	12	1.4
	Chas. B080432-, 06.97-	03.02	113302	14	120					
	X035650-									
	Chas. -B080431, -06.97-	03.02	111902	14	115					
	X035649									
	(211)[M112.954]						09.03-	113282	12	1.4
E 320 3.2 CDI	(210)[OM613.961]	07.99-	112428	14	150		07.99-	112440	12	2.2
		07.99-03.02	113771	14	190					
		07.99-03.02	113772	14	190					
	[OM648.961]	11.02-	113772	14	190		11.02-	111851	12	2.0
		Eng. 30042544-11.02-	113953	14	200					
		Eng. 30042544-03.03-	113944	14	200					
		Eng. -30042543-11.02-	113944	14	200					
E 320 T 3.2 CDI	(210)[OM613.961]	07.99-	112428	14	150		07.99-	111851	12	2.0
		07.99-03.03	113771	14	190		06.97-	113282	12	1.4
		07.99-03.03	113772	14	190					
E 350 3.5	(211)[M272.964]	03.05-	114454	14	180					
	[M272.972]	03.05-	114454	14	180					
E 36 AMG 3.6	(124)[M104.992]	03.93-06.98	111369	14	90		03.94-06.98	111851	12	2.0
		05.94-05.96	112530	14	120		03.93-06.96	112315		
E 420 4.2	(124)[M119.975]	06.93-05.96	112539	14	110		06.93-06.95	112820	12	1.7
	(210)[M119.985]	06.96-08.97	111850	14	143		06.96-08.97	112820	12	1.7
		06.96-	112539	14	110					
E 420 E 4.2	(210)[M119.985]	01.96-08.97	112539	14	110		01.96-	112820	12	1.



**MERCEDES-BENZ** Continued

**Application list**

E 500 5.0	(124)[M119.974]	06.93- 06.95	112539	14	110		06.93- 06.95	112820	12	1.7
	(211)[M113.967]	09.03-	111902	14	115		03.02-	111768	12	1.7
E 500 5.0 4 Matic	(211)[M113.969]						09.03-	111768	12	1.7
	[M113.969]						09.03-	111768	12	1.7
E 500 5.5	(211)[M273.960]	04.06-	114454	14	180					
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14	143	▲	08.97-	111768	12	1.7
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14	143	▲	08.97-	111768	12	1.7
	(211)[M113.990]						09.03-	111768	12	1.7
E 55 AMG 5.4 4 Matic	(210)[M113.980]	03.98- 08.01	111850	14	143		09.97- 03.03	111768	12	1.7
E 55 AMG 5.4 kompressor	(211)[M113.990]						10.02-	111768	12	1.7
E 60 AMG 6.0	(124)[M119.974]	07.93- 06.95	112539	14	110	▲	AT 07.93- 06.95	112820	12	1.7
G 270 2.7 CDI	(463)[OM612.966]	10.01-	113772	14	190		10.01-	111851	12	2.0
		03.79- 05.80	110358	14	55					
G 300 3.0 TD	(463)[OM606.964]	08.96-	111890	14	90		08.96- 01.98	113133		
							08.96-	112226		
G 320 3.2	(463)[M104.996]	09.94- 11.97	111369	14	90		08.93- 11.97	111851	12	2.0
	[M112.945]	12.97-	111902	14	115		09.94- 11.97	112315		
							07.97-	113282	12	1.4
							11.97-	111768	12	1.7
G 400 4.0 CDI	(463)[OM628.962]	12.00-	112428	14	150					
G 500 5.0	(463)[M113.962]	04.98-	111902	14	115		04.98-	111768	12	1.7
G 500 E 5.0	(463)[M117.965]	09.93-	111149	14	80		03.93-	112820	12	1.7
G 55 AMG 5.4	(463)[M113.993]	06.04-	111902	14	115		06.04-	111768	12	1.7
GLK 350 3.5	(X204)						04.09-	113282	12	1.4
MB 100 2.4 Diesel	(631)[OM616.963]	02.88- 02.96	110358	14	55		02.88- 12.90	110368	12	2.3
		02.88- 02.96	111149	14	80					
ML 230 2.3	(163)[M111.977]	02.98-	111369	14	90		02.98-	111347	12	1.2
ML 270 2.7 CDI	(163)[OM612.963]	12.99-	112428	14	150		12.99-	111851	12	2.0
		12.99- 06.05	113771	14	190		12.99-	112440	12	2.2
		12.99- 06.05	113772	14	190					
ML 320 3.2 V6	(163)[M112.942]	02.98- 07.02	111902	14	115		02.98-	113282	12	1.4
		02.98- 07.02	113302	14	120		02.98-	111768	12	1.7
ML 350 3.5 4 Matic	(164)[M272.967]	07.05-	114454	14	180					
ML 350 3.7	(163)[M112.970]	08.02- 06.05	113302	14	120		08.02-	113282	12	1.4
	[M112.970]	02.03- 06.05	113302	14	120		02.03-	113282	12	1.4
ML 400 4.0 CDI	(163)[OM628.963]	09.01-	112428	14	150					
ML 430 4.3	(163)[M113.942]	02.98- 06.05	111850	14	143	▲	02.98-	111768	12	1.7
ML 500 5.0	(163)[M113.964]	09.01-	111850	14	143	▲	09.01-	111768	12	1.7
		09.01-	111902	14	115		09.01- 06.05	113282	12	1.4
		09.01-	113489	14	150					
	[M113.965]	09.01-	111850	14	143	▲	09.01-	113282	12	1.4
ML 55 AMG 5.4	(163)[M113.981]						02.00- 06.05	113282	12	1.4
O 810 4.3	[OM904.904]	09.96-	112561	28	80		09.96-	111982	24	4.0
		09.96-	113448	28	100		09.96-	114523	24	4.0
O 812 2.9	[OM602.985]						09.96-	111851	12	2.0
O 814 4.3	[OM904.908]	09.96-	112561	28	80		09.96-	111982	24	4.0
		09.96-	113448	28	100		09.96-	114523	24	4.0
O 815 4.3	[OM904.923]	09.96-	112561	28	80		09.96-	111982	24	4.0
		09.96-	113448	28	100		09.96-	114523	24	4.0
Pullmann 600 6.3	[M100.980]	08.66- 12.70	110727							
		08.69- 07.73	110735	14	55					
		08.73- 01.79	110358	14	55					
	[M100.982]	08.66- 12.70	110727							
		08.69- 07.73	110735	14	55					
		08.73- 01.79	110358	14	55					
R 350 3.0 CDI 4-matic	(W251, V251)[OM642.872]	08.10-	114042	14	180					
R 350 3.5 4 Matic	(251)[M272.967]	01.06-	114454	14	180					
S 280 2.8	(140)[M104.944]	01.93- 10.98	112194	14	120		06.93- 09.98	111851	12	2.0
							01.93- 10.98	112315		
	(220)[M112.922]						10.98-	111768	12	1.7
							10.98-	113282	12	1.4
S 300 3.0 TD	(140)[OM606.961]	Chas. -A229601 10.98-	113489	14	150		05.96- 10.98	113133		
		06.96- 09.98	111883	14	115		06.96- 09.98	112226		
S 320 3.2	(220)[M112.944]						10.98-	111768	12	1.7
							10.98-	113282	12	1.4
		Chas. -A229601 10.98-	113489	14	150		06.99- 09.02	111851	12	2.0
S 320 3.2 CDI	(220)[OM613.960]	06.99- 09.02	112428	14	150		06.99- 09.02	111851	12	2.0
		08.99- 09.02	113771	14	190		06.99- 09.02	112440	12	2.2
		08.99- 09.02	113772	14	190		10.98-	113282	12	1.4
		09.02- 08.05	113944	14	200		09.02- 08.05	111851	12	2.0
S 350 3.5	(221)[M272.965]						RHD 10.05-	114178	12	1.4
S 350 3.5 4 Matic	(W221)[M272.965]						RHD 02.08-	114178	12	1.4
S 350 3.5 TD	(140)[OM603.971]	01.93- 06.96	112774	14	100		06.93-	111065	12	2.2
							01.93- 06.96	112226		
S 350 3.7	(220)[M112.972]						Chas. - A 398576 09.02-	113282	12	1.4
S 350 3.7 4 Matic	(220)[M112.975]						Chas. - A 398576 06.03-	113282	12	1.4
S 400 4.0 CDI	(220)[OM628.960]	06.00- 08.05	112428	14	150					
S 420 4.2	(140)[M119.971]	01.93- 08.99	111850	14	143		01.93- 02.99	113179#	12	1.8
		Eng. 012761- 10.94- 02.99	111850	14	143		01.93- 08.99	112820	12	1.7
		Eng. 011683- 01.93- 09.95	112539	14	110					
	[M119.981]						10.94-	112820	12	1.7
		Eng. 012761- 10.94- 02.99	111850	14	143		10.94- 02.99	113179#	12	1.8
S 430 4.3	(220)[M113.941]	Chas. -A229601 10.98-	113489	14	150		10.98-	111768	12	1.7
S 430 4.3 4 Matic	(220)[M113.948]						Chas. - A 398576 09.02-	111768	12	1.7
S 450 4.7	(221)[M273.923]						RHD 12.05-	114178	12	1.4
S 450 4.7 4 Matic	(221)[M273.922]						RHD 12.05-	114178	12	1.4
S 500 5.0	(140)[M119.970]	10.92- 08.99	111850	14	143		10.92- 08.99	112820	12	1.7
		01.93- 09.95	112539	14	110		10.92- 02.99	113179#	12	1.8
		Eng. 026391- 01.93- 09.95	112539	14	110					
	[M119.980]	01.93- 10.98	111850	14	143		01.93- 10.98	113179#	12	1.8
		01.93- 09.95	112539	14	110		01.93- 08.99	112820	12	1.7
		Eng. 026391- 01.93- 09.95	112539	14	110					
	(220)[M113.960]	Chas. -A229601 10.98-	113489	14	150		10.98-	111768	12	1.7
S 500 5.0 4 Matic	(220)[M113.966]						Chas. - A 398576 09.02-	111768	12	1.7
S 500 5.5	(221)[M273.961]						RHD 10.05-	114178	12	1.4
S 500 5.5 4 Matic	(221)[M273.961]						RHD 10.05-	114178	12	1.4
S 55 AMG 5.4	(220)[M113.986]	Chas. -A229601 04.99-	113489	14	150		04.99- 08.05	113282	12	1.4
S 55 AMG 5.4 kompressor	(220)[M113.991]						Chas. -A 040588 09.02-	111768	12	1.7
S 600 5.5	(220)[M275.950]						09.02-	111768	12	1.7
	(221)[M275.953]						RHD 12.05-	114178	12	1.4
S 600 6.0	(140)[M120.980]	09.92- 02.99	111850	14	143					
		Eng. 025950- 01.93- 09.95	111850	14	143					
	[M120.982]	09.92- 02.99	111850	14	143					
		Eng. 025950- 01.93- 09.95	111850	14	143					
S 65 AMG 6.0	(220)[M275.980]						03.04-	111768	12	1.7
	(221)[M275.982]						12.05-	114178	12	1.4
SL 280 2.3	(129)[M104.943]	07.93- 05.98	112194	14	120		08.93- 05.98	112315		
		07.93- 05.98	112539	14	110					
SL 280 2.8	(129)[M112.923]	05.98-	111902	14	115		05.98-	113282	12	1.4
							05.98-	111768	12	1.7
SL 320 3.2	(129)[M104.991]	07.93- 05.98	112194	14	120		09.93- 05.98	112315		
		07.93- 05.98	112539	14	110					
	[M112.943]	05.98- 08.01	111902	14	115		05.98-	111768	12	1.7
							05.98-	113282	12	1.4
SL 350 3.5	(230)[M272.966]	03.06-	114454	14	180		RHD 03.06-	114178	12	1.4
SL 350 3.7	(230)[M112.973]						03.03-	113282	12	1.4
SL 500 5.0	(129)[M113.961]	05.98- 10.01	111850	14	143		05.98- 10.01	113282	12	1.4
	[M119.972]	08.89- 07.94	112774	14	100		09.92- 10.01	113179#	12	1.8
		09.92- 10.01	111850	14	143		09.92- 09.95	112820	12	1.7
		09.92- 09.95	112539	14	110	▲				



	[M119.982]	08.89- 07.94	112774	14	100	09.92- 09.95	112820	12	1.7
		09.92- 10.01	111850	14	143	09.92- 10.01	113179#	12	1.8
		09.92- 09.95	112539	14	110				
	(230)[M113.963]					10.01-	111768	12	1.7
SL 500 5.5	(230)[M273.965]					RHD 03.06-	114178	12	1.4
						03.06-	111768	12	1.7
SL 55 AMG 5.4	(230)[M113.992]					10.01-	111768	12	1.7
SL 55 AMG 5.5	(230)[M113.992]					10.01- 06.02	111768	12	1.7
SL 600 5.5	(230)[M275.951]					04.03-	111768	12	1.7
SL 600 6.0	(129)[M120.983]	07.92- 10.01	111850	14	143	10.92- 05.95	113759	24	4.0
		07.92- 10.01	112539	14	110				
SL 600 6.9	(129)[M120.981]	07.92- 10.01	111850	14	143				
		07.92- 09.95	112539	14	110				
SL 65 AMG 6.0	(230)[M275.981]					09.04-	111768	12	1.7
SLK 200 1.8 Kompressor	(171)[M271.944]	03.04-	113877	14	120	03.04-	113513	12	1.1
SLK 200 2.0	(170)[M111.946]	09.96-	111369	14	90	09.96- 01.98	113133		
		AT 09.96-	111369	14	90	09.96-	111347	12	1.2
SLK 200 2.0 Kompressor	(170)[M111.943]	10.96-	113486	14	90	10.96-	113474	12	1.2
						10.96- 01.98	113133		
	[M111.958]	03.00-	113486	14	90	03.00-	111347	12	1.2
SLK 230 2.3 Kompressor	(170)[M11.973]	09.96-	113486	14	90	09.96-	111347	12	1.2
	[M111.983]	02.00- 03.04	113486	14	90	02.00- 03.04	111347	12	1.2
SLK 250 1.8	(R172)[M271.861]					02.11-	113513	12	1.1
SLK 280 3.0	(171)[M272.942]					RHD 01.05-	114178	12	1.4
SLK 32 AMG 3.2 Kompressor	(170)[M112.960]					03.01-	113282	12	1.4
SLK 320 3.2	(170)[M112.947]	03.00-	113302	14	120	03.03-	113282	12	1.4
						03.03-	111768	12	1.7
SLK 55 AMG 5.4	(171)[M113.989]					06.04-	111768	12	1.7
SLR 5.4	(199)[M155.980]					04.04-	111768	12	1.7
Sprinter 3.0 CDI 318	(906)[OM642.992]	02.08-	114042	14	180				
Sprinter 3.0 CDI 319	(906)[OM642.992]	03.09-	114042	14	180				
Sprinter 208 2.1 CDI	(901,902)[OM611.987]	04.00-	112197	14	115	04.00-	111851	12	2.0
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
Sprinter 208 2.3 Diesel	(901,902)[OM601.943]	01.95-	111883	14	115	02.95- 12.95	111065	12	2.2
		04.95-	111890	14	90	01.95-	111851	12	2.0
		Eng. -509806 09.96- 03.97	112529	14	90	01.95- 12.95	112226		
		Eng. 385588 -509806 04.95- 03.97	112529	14	90				
		Eng. -385587 01.95- 04.00	111354	14	70				
Sprinter 209 2.1 CDI	(906)[OM646.984]	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
Sprinter 210 2.1 CDI	(906)[OM651]					03.09-	114093	12	1.7
Sprinter 210 2.9 Diesel	(901,902)[OM602.980]	01.97-	111883	14	115	01.97-	111851	12	2.0
		01.97-	111890	14	90	02.95- 12.95	111065	12	2.2
		AT, Eng. -001128 01.97- 04.00	112529	14	90				
	(902,902)[OM602.980]	01.97-	111883	14	115	02.95- 12.95	111065	12	2.2
		01.97-	111890	14	90	01.97-	111851	12	2.0
Sprinter 211 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12	2.0
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
	(906)[OM646.985]	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
Sprinter 212 2.9 Diesel	(901,902)[OM602.980]	02.95-	111354	14	70	02.95- 12.95	112226		
		02.95-	111883	14	115	02.95-	111851	12	2.0
		02.95- 04.00	113768	14	95	02.95- 12.95	111065	12	2.2
		Eng. 025811- 02.95-	111890	14	90				
		Eng. -025810 02.95-	112529	14	90				
		AT, Eng. 001129- 02.95-	111890	14	90				
		AT, Eng. -001128 02.95-	112529	14	90				
Sprinter 213 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12	2.0
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
	(906)[OM646.986]	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
Sprinter 214 2.3	[OM651]					03.09-	114093	12	1.7
	(901,902)[M111.979]	02.95-	111902	14	115	02.95-	111347	12	1.2
		02.95-	111903	14	90				
	[M111.984]					02.95-	111347	12	1.2
Sprinter 214 2.3 NGT	(901,902)[M111.984]	04.00-	111903	14	90	04.00-	111347	12	1.2
		04.00-	111903	14	90	04.00-	111347	12	1.2
Sprinter 215 2.1 CDI	(906)	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
Sprinter 216 2.1 CDI	(906)[OM651]					03.09-	114093	12	1.7
Sprinter 216 2.7 CDI	(901,902)[OM612.981]	04.00-	112197	14	115	04.00-	112440	12	2.2
		04.00-	112425	14	150	04.00-	111851	12	2.0
		04.00- 05.06	113889	14	90				
Sprinter 224 3.5	(906)[M272.979]	06.06-	114454	14	180	06.06-	114178	12	1.4
Sprinter 308 2.1 CDI	(903)[OM611.987]	04.00-	112197	14	115	04.00-	111851	12	2.0
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
Sprinter 308 2.3 Diesel	(903)[OM601.943]	02.95-	111883	14	115	02.95- 01.97	111065	12	2.2
		04.95-	111890	14	90	02.95-	111851	12	2.0
		Eng. 385588 -509806 04.95- 03.97	112529	14	90	02.95- 01.97	112226		
		Eng. -385587 02.95- 03.95	111354	14	70				
		02.95- 03.00	111883	14	115	02.95- 04.00	111851	12	2.0
		02.95- 03.00	111890	14	90				
Sprinter 308	(903)	04.00-	111903	14	90	04.00-	111347	12	1.2
Sprinter 309 2.1 CDI	(906)[OM646.984]	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
Sprinter 310 2.9 Diesel	(903)[OM602.980]	02.95-	111883	14	115	02.95- 01.97	112226		
		02.95-	111890	14	90	02.95-	111851	12	2.0
		Eng. -025810 01.97- 04.00	112529	14	90				
		AT, Eng. -001128 01.97- 03.00	112529	14	90				
Sprinter 310 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111883	14	115	05.97-	111851	12	2.0
		05.97-	111890	14	90				
		AT, Eng. -001128 01.97- 03.00	112529	14	90				
Sprinter 311 2.1 CDI	(903)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12	2.0
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
	(906)[OM646.985]	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
Sprinter 311 2.1 CDI 4x4	(903)[OM611.981]	08.02-	112425	14	150	08.02-	111851	12	2.0
		08.02- 05.06	113889	14	90				
	(906)[OM646.985]	02.08-	113951	14	200	02.08-	114093	12	1.7
		02.08-	114102	14	180				
		02.08-	114392	14	90				
Sprinter 312 2.9 Diesel	(903)[OM602.980]	02.95-	111354	14	70	02.95- 01.97	112226		
		02.95-	111883	14	115	02.95-	111851	12	2.0
		02.95- 04.00	113768	14	95	02.95- 01.97	111065	12	2.2
		Eng. 025811- 02.95-	111890	14	90				
		Eng. -025810 02.95-	112529	14	90				
		AT, Eng. 001129- 02.95-	111890	14	90				
		AT, Eng. -001128 04.95-	112529	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** Continued

**Application list**

Sprinter 312 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111354	14	70	05.97- 08.02	111851	12	2.0
		05.97- 08.02	111883	14	115				
		05.97- 08.02	111890	14	90				
		05.97- 08.02	112529	14	90				
		05.97- 08.02	113768	14	95				
Eng. 025811- 05.97-	111890	14	90						
Eng. -025810 04.95-	112529	14	90						
AT, Eng. 001129- 05.97-	111890	14	90						
AT, Eng. -001128 04.95-	112529	14	90						
Sprinter 313 2.1 CDI	(903)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12	2.0
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
(906)[OM646.986]	06.06-	113951	14	200	06.06-	114093	12	1.7	
	06.06-	114102	14	180					
	06.06-	114392	14	90					
Sprinter 313 2.1 CDI 4x4	(903)[OM611.981]	08.02-	112425	14	150	08.02-	111851	12	2.0
Sprinter 314 2.3	(903)[M111.979]	02.95-	111902	14	115	02.95-	111347	12	1.2
		02.95-	111903	14	90				
Sprinter 314 2.3 4x4	(903)[M111.979]	08.02-	111902	14	115	02.95- 03.00	111347	12	1.2
		08.02-	111903	14	90				
		08.02-	111902	14	115				
[M111.984]	08.02-	111903	14	90					
Sprinter 314 2.3 NGT	(903)[M111.984]	04.00-	111903	14	90	04.00-	111347	12	1.2
		04.00-	111903	14	90				
Sprinter 315 2.1 CDI	(906)	06.06-	114102	14	180	06.06-	114093	12	1.7
Sprinter 315 2.1 CDI 4x4	(906)[OM646.990]	06.06-	114392	14	90	02.08-	114093	12	1.7
		02.08-	113951	14	200				
		02.08-	114102	14	180				
		02.08-	114392	14	90				
Sprinter 316 2.1 CDI	(906)[OM651]					03.09-	114093	12	1.7
Sprinter 316 2.1 CDI 4x4	(906)[OM651]					03.09-	114093	12	1.7
Sprinter 316 2.7 CDI	(903)[OM612.981]	04.00-	112197	14	115	04.00-	111851	12	2.0
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
Sprinter 316 2.7 CDI 4x4	(903)[OM612.981]	08.02-	112425	14	150	08.02-	111851	12	2.0
		08.02- 05.06	113889	14	90				
Sprinter 324 3.5	(906)	06.06-	114454	14	180	06.06-	114178	12	1.4
Sprinter 408 2.1 CDI	(904)[OM611.987]	04.00- 05.06	113889	14	90	12.99-	111851	12	2.0
		12.99-	112197	14	115				
		12.99-	112425	14	150				
Sprinter 408 2.3 Diesel	(904)[OM601.943]	02.95- 03.95	111354	14	70	02.95- 03.00	112226	12	2.0
		02.95- 03.00	112529	14	90				
		04.95- 03.00	111890	14	90				
		02.96-	111883	14	115				
		Eng. 471030- 02.95- 03.00	111883	14	115				
Sprinter 410 2.9 Diesel	(904)[OM602.980]	02.96- 05.06	113768	14	95	01.97- 03.00	111851	12	2.0
		01.97- 03.00	111883	14	115				
		Eng. 001129-, 01.97- 03.00	111890	14	90				
		025811-							
		Eng. -001128-, 02.96- 03.00	112529	14	90				
025810									
Sprinter 410 2.9 Diesel 4x4	(904)[OM602.980]	01.97- 03.00	111883	14	115	01.97- 03.00	111851	12	2.0
		05.97- 05.06	113768	14	95				
		Eng. 001129-, 01.97- 03.00	111890	14	90				
		025811-							
		Eng. -001128-, 01.97- 03.00	112529	14	90				
025810									
Sprinter 411 2.1 CDI	(904)[OM611.981]	04.00- 05.06	113889	14	90	12.99-	111851	12	2.0
		12.99-	112197	14	115				
		12.99-	112425	14	150				
Sprinter 411 2.1 CDI 4x4	(904)[OM611.981]	04.00- 05.06	113889	14	90	12.99-	111851	12	2.0
		12.99-	112197	14	115				
		12.99-	112425	14	150				
Sprinter 412 2.9 Diesel	(904)[OM602.980]	02.95- 02.01	111883	14	115	02.95- 05.06	111851	12	2.0
		02.96-	111851						
		02.96- 05.06	113768	14	95				
		01.97- 03.00	112529	14	90				
		Eng. 001129-, 02.95- 02.01	111890	14	90				
		025811-							
		Eng. -001128-, 02.95- 02.01	112529	14	90				
		025810							
		Chas. 001129-, 02.95- 03.00	111890	14	90				
025811-									
Chas. -001128-, 02.95- 03.00	112529	14	90						
025810									
Sprinter 412 2.9 Diesel 4x4	(904)[OM602.980]	02.95- 02.01	111883	14	115	02.95- 05.06	111851	12	2.0
		01.97- 03.00	112529	14	90				
		05.97-	111851						
		05.97- 05.06	113768	14	95				
		Eng. 001129-, 02.95- 02.01	111890	14	90				
		025811-							
		Eng. -001128-, 02.95- 02.01	112529	14	90				
		025810							
		Chas. 001129-, 02.95- 03.00	111890	14	90				
025811-									
Chas. -001128-, 02.95- 03.00	112529	14	90						
025810									
Sprinter 413 2.1 CDI	(904)[OM611.981]	04.00- 05.06	113889	14	90	12.99-	111851	12	2.0
		12.99-	112197	14	115				
		12.99-	112425	14	150				
		04.00- 05.06	113889	14	90				
		12.99-	112197	14	115				
Sprinter 413 2.1 CDI 4x4	(904)[OM611.981]	04.00- 05.06	113889	14	90	12.99-	111851	12	2.0
		12.99-	112197	14	115				
		12.99-	112425	14	150				
		04.00- 05.06	113889	14	90				
		12.99-	112197	14	115				
Sprinter 414 2.3	(904)[M111.979]	02.95- 02.01	111902	14	115	02.95- 03.00	111347	12	1.2
		02.95- 02.01	111903	14	90				
		02.96-	111347						
Sprinter 414 2.3 4x4	(904)[M111.979]	05.97-	111902	14	115	05.97-	111347	12	1.2
		05.97- 02.01	111903	14	90				
		05.97-	111347						
Sprinter 415 2.1 CDI	(906)[OM646]	06.06-	113951	14	200	06.06-	114093	12	1.7
		06.06-	114102	14	180				
		06.06-	114392	14	90				
Sprinter 416 2.1 CDI	(906)[OM651]					03.09-	114093	12	1.7
Sprinter 416 2.7 CDI	(904)[OM612.981]	04.00- 05.06	113889	14	90	04.00-	111851	12	2.0
		12.99-	112197	14	115				
		12.99-	112425	14	150				
Sprinter 416 2.7 CDI 4x4	(904)[OM612.981]	04.00- 05.06	113889	14	90	04.00-	111851	12	2.0
		12.99-	112197	14	115				
		12.99-	112425	14	150				
Sprinter 424 3.5	(906)[M272.979]	06.06-	114454	14	180	06.06-	114178	12	1.4
Sprinter 509 2.1 CDI	(906)[OM646.984]	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
		06.06-	114102	14	180				
Sprinter 511 2.1 CDI	(906)[OM646.985]	06.06-	114102	14	180	06.06-	114093	12	1.7
Sprinter 515 2.1 CDI	(906)	06.06-	114102	14	180	06.06-	114093	12	1.7
		06.06-	114392	14	90				
		06.06-	114102	14	180				
Sprinter 516 2.1 CDI	(906)[OM651]					03.09-	114093	12	1.7
Sprinter 524 3.5	(906)[M272.979]	06.06-	114454	14	180	06.06-	114178	12	1.4
Sprinter 616 2.7 CDI	[OM612.981]	04.01-	112425	14	150	04.01-	111851	12	2.0
		04.01- 05.06	113889	14	90				
V 200 2.0	(638)[M111.948]	04.96-	111902	14	115	04.96-	111347	12	1.2
		04.96-	111903	14	90				
		03.99-	112425	14	150				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



V 200 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 03.99- 07.03	112197 112425 113889	14 14 14	115 150 90	03.99- 07.03 03.99-	113807 111851	12 2.0	
V 220 2.2 CDI	(638)[OM611.980]	03.99- 03.99-	112197 112425	14 14	115 150	03.99- 07.03 03.99-	113807 111851	12 2.0	
V 230 2.3	[M111.978]	10.96- 10.96-	111902 111903	14 14	115 90	10.96-	111347	12 1.2	
V 230 2.3 TD	[OM601.970]	04.96-	111826#	14	115	09.96- 04.96-	112226 111851	12 2.0	
V 280 2.8	(638)[M104.900]	04.96- 02.97 09.96- 07.03	113442 113869	14 14	90 115				
Vaneo 1.6	(638)[M166.961]	08.97- 07.03 02.02-	113885 111967	14 14	150 90	04.96- 10.01- 02.02-	112286 111931 113756	12 1.1 12 0.8	
Vaneo 1.7 CDI	[OM668.914]	11.01- 11.01-	111943 113251	14 14	90 150				
Vaneo 1.9	[M166.991]					Chas. N230983- 02.02-	111931	12 1.1	
Viano 2.1 CDI 4 Matic	(639)[OM642.982]	07.05- 07.05- 07.05-	113951 114102 113951	14 14 14	200 180 200				
Viano 2.2 CDI	(639)[OM646.982]	09.03- 09.03-	113951 114102	14 14	200 180	09.03- 09.03-	112226 111851	12 2.0	
Viano 3.0 CDI	(W639)[OM642]	07.10-	114042	14	180				
Viano 3.2	(639)[M112.951]	09.03- 09.03-	113302 113835	14 14	120 120	09.03-	113282	12 1.4	
Viano 3.7	(639)[M112.976]	06.04-	113302	14	120				
Vito 2.1 CDI	(W639)[OM646.981]	08.06- 08.06-	113951 114102	14 14	200 180				
Vito 2.2 CDI	(W639)[OM646.981]	09.07- 09.07-	113951 114102	14 14	200 180				
Vito 2.2 CDI 4x4	(W639)[OM646.980]	09.07- 09.07- 09.07-	113951 114102 113951	14 14 14	200 180 200				
Vito 2.2 CDI 4x4	[OM646.981]	09.07- 09.07-	113951 114102	14 14	200 180				
Vito 2.2 CDI 4x4	[OM646.982]	09.07- 09.07-	113951 114102	14 14	200 180				
Vito 3.0 CDI 122	(W639)[OM642.9...]	09.10-	114042	14	180				
Vito / Mixto 3.0 CDI 122	(W639)[OM642.9...]	09.10-	114042	14	180				
Vito 108 2.2 CDI	(638)[OM611A]	03.99- 03.99- 03.99- 07.03	112197 112425 113889	14 14 14	115 150 90	03.99- 03.99- 07.03	111851 113807	12 2.0	
Vito 108 2.2 CDI	[OM611LA]	03.99- 03.99- 03.99- 07.03	112197 112425 113889	14 14 14	115 150 90	03.99- 03.99- 07.03	111851 113807	12 2.0	
Vito 108 2.3 Diesel	(638)[OM601.942]	02.96- 02.96- 02.96- 07.03	111826# 113442 113869	14 14 14	115 90 115	02.96- 01.97 02.97-	112226 111851	12 2.0	
Vito 109 2.1 CDI	(639)[OM646.980]	09.06- 09.06-	113951 114102	14 14	200 180				
Vito 109 2.1 CDI	[OM646.983]	09.03-	113951	14	200	09.03- 09.03-	111851 111768	12 2.0 12 1.7	
Vito 110 2.2 CDI	(638)[OM611LA]	03.99- 03.99- 04.99-	112197 112425 113889	14 14 14	115 150 90	03.99- 03.99- 07.03	111851 113807	12 2.0	
Vito 110 2.3 Diesel	(638)[OM601.970]	02.96-	111826#	14	115	02.96- 01.97 02.97-	112226 111851	12 2.0	
Vito 110 2.3 TD	(638)[OM601.970]	02.96- 02.96- 02.96- 07.03	111826# 113442 113869	14 14 14	115 90 115	02.97- 02.96- 01.97	111851 112226	12 2.0	
Vito 111 2.2 CDI	(639)[OM646.982]	09.03-	113951	14	200	09.03-	111851	12 2.0	
Vito 112 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 09.03	112197 113889	14 14	115 90	03.99- 03.99- 07.03	111851 113807	12 2.0	
Vito 113 2.0	(638)[M111.948]	11.95- Eng. -009961 11.95- 01.97	111903 111903	14 14	115 115	11.95- 12.97	111347	12 1.2	
Vito 114 2.3	(638)[M111.978]	11.95- Eng. -009961 11.95- 01.97	111903 111903	14 14	90 115	11.95- 12.97	111347	12 1.2	
Vito 115 2.2 CDI	(639)[OM646.982]	09.03- 09.03-	113951 114102	14 14	200 180	09.03-	111851	12 2.0	
Vito 119 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 14	120 120	10.03-	113282	12 1.4	
Vito 122 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 14	120 120	10.03-	113282	12 1.4	
Vito 123 3.7	(639)[M112.976]	06.04- 06.04-	113302 113835	14 14	120 120				
<b>PASSENGER CARS US</b>									
200 2.0		01.66- 01.67	110727			01.66- 01.67	110869	12 1.5	
220 2.2		01.60- 01.73	110727			01.95- 01.98	113133		
230 2.3		01.66- 01.69	110727			01.60- 01.73	110869	12 1.5	
250 2.5		01.74- 01.78	110358	14	55	01.66- 01.78	110869	12 1.5	
250 2.8		01.68- 01.68	110727			01.69- 01.70	110869	12 1.5	
280 2.8		01.71- 01.72	110727			01.71- 01.72	110869	12 1.5	
300 3.0		01.73- 01.76	110358	14	55	01.73- 01.76	110869	12 1.5	
600 6.3		01.68- 01.72	110727			01.95- 01.98	113133		
180 D 1.8		06.69- 07.73	110735	14	55				
180 D 2.0		08.73- 05.81	110358	14	55				
190 B 1.9						01.60- 01.62	112249	12 2.7	
190 C 1.9						01.63- 01.63	112249	12 2.7	
190 D 2.2		01.84- 01.85	110923	14	55	01.61- 01.62	110869	12 1.5	
190 D 2.5		01.86- 01.89	111149	14	80	01.63- 01.65	110869	12 1.5	
190 DT 2.5 Turbo		01.87- 01.87	111149	14	80	01.84- 01.85	112226		
190 E 2.3		01.84- 01.93	110358	14	55	01.87- 01.87	112226		
190 E 2.6		01.86- 01.93	111149	14	80	01.84- 01.85	110862	12 1.5	
190 E-16 2.3		01.87- 01.93	111149	14	80	01.87- 01.93	112315		
200 D 2.0		01.86- 01.87	111149	14	80				
220 D 2.2		01.66- 01.67	110727			01.86- 01.89	112226		
220 S 2.2		01.68- 01.73	110727			01.71- 01.72	112226		
220 SE 2.2		01.60- 01.65	110727			01.84- 01.85	112226		
230 S 2.3		01.66- 01.67	110727			01.60- 01.65	110869	12 1.5	
230 SL 2.3		01.63- 01.66	110727			01.66- 01.67	110869	12 1.5	
240 D 2.4		01.74- 01.83	110358	14	55	01.63- 01.66	110869	12 1.5	
250 C 2.8		01.70- 01.72	110727			01.74- 01.83	110368	12 2.3	
250 S 2.5		01.66- 01.67	110727			01.70- 01.72	110869	12 1.5	
250 SE 2.5		01.66- 01.66	110727			01.66- 01.67	110869	12 1.5	
250 SL 2.5		01.67- 01.67	110727			01.66- 01.67	110869	12 1.5	
260 E 2.6		01.87- 01.89	110358	14	55	01.67- 01.67	110869	12 1.5	
280 C 2.8		01.87- 01.89	111149	14	80	01.87- 01.89	112315		
280 CE 2.8		01.73- 01.76	110358	14	55				
280 E 2.8		01.78- 01.81	110358	14	55	01.73- 01.76	110869	12 1.5	
280 S 2.8		01.77- 01.81	110358	14	55	01.78- 01.81	110869	12 1.5	
280 SE 2.8		01.75- 01.76	110358	14	55	01.77- 01.81	110869	12 1.5	
280 SE 3.5		01.69- 01.71	110727			01.69- 01.76	110869	12 1.5	
280 SE 3.5		01.77- 01.80	110358	14	55				
280 SE 3.5		01.69- 01.72	110727			01.70- 01.70	110869	12 1.5	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

280 SE 4.5						01.73- 01.73	110869	12	1.5
280 SEL 2.8						01.69- 01.71	110869	12	1.5
280 SEL 4.5		01.69- 01.71	110727			01.72- 01.73	110869	12	1.5
280 SL 2.8		01.69- 01.71	110727			01.69- 01.71	110869	12	1.5
300 CD 3.0		01.78- 01.81	110358	14	55	01.78- 01.81	110368	12	2.3
300 CDT 3.0 Turbo		01.82- 01.85	110358	14	55	01.82- 01.85	110368	12	2.3
300 CE 3.0		01.88- 01.92	111149	14	80	01.88- 01.92	112315		
300 CE 3.2		01.93- 01.93	111369	14	90	01.93- 01.93	112315		
		01.93- 01.93	112529	14	90				
300 D 2.5 Turbo		01.90- 01.93	111149	14	80	01.90- 01.93	112226		
300 D 3.0		01.75- 01.81	110358	14	55	01.75- 01.81	110368	12	2.3
300 D 3.0 Turbo		01.87- 01.87	111149	14	80	01.95- 01.98	113133		
300 DT 3.0 Turbo		01.87- 01.87	111149	14	80	01.87- 01.87	112226		
		01.79- 01.85	110358	14	55	01.79- 01.85	110368	12	2.3
300 E 2.6		01.90- 01.92	112734	14	80	01.90- 01.92	112315		
300 E 2.8		01.93- 01.93	111369	14	90	01.93- 01.93	112315		
		01.93- 01.93	112529	14	90				
300 E 3.0		01.86- 01.92	111149	14	80	01.86- 01.92	112315		
300 E 3.0 4 Matic		01.90- 01.93	112734	14	80	01.90- 01.93	112315		
300 E 3.2		01.93- 01.93	111369	14	90	01.93- 01.93	112315		
		01.93- 01.93	112529	14	90				
300 SD 3.0 Turbo		01.78- 01.85	110358	14	55	01.78- 01.85	110368	12	2.3
300 SD 3.4 Turbo		01.92- 01.93	112529	14	90	01.92- 01.93	112226		
		01.92- 01.93	112774	14	100				
300 SDL 3.0 Turbo		01.86- 01.87	111149	14	80	01.86- 01.87	112226		
300 SE 3.0		01.88- 01.91	111149	14	80	01.95- 01.98	113133		
						01.88- 01.91	112315		
300 SE 3.2		01.92- 01.93	112194	14	120	01.92- 01.93	112315		
300 SEL 2.8						01.68- 01.69	110869	12	1.5
300 SEL 3.0		01.88- 01.91	111149	14	80	01.63- 01.65	110869	12	1.5
						01.88- 01.91	112315		
300 SEL 3.5						01.70- 01.71	110869	12	1.5
300 SEL 4.5						01.72- 01.73	110869	12	1.5
300 SEL 6.3						01.95- 01.98	113133		
300 SL 3.0		01.90- 01.93	112774	14	100	01.95- 01.98	113133		
						01.90- 01.93	112315		
300 TE 3.0		01.88- 01.92	111149	14	80	01.88- 01.92	112315		
300 TE 3.0 4 Matic		01.90- 01.93	112734	14	80	01.90- 01.93	112315		
300 TE 3.2		01.93- 01.93	111369	14	90	01.93- 01.93	112315		
		01.93- 01.93	112529	14	90				
300B 3.0						01.95- 01.98	113133		
300C 3.0						01.95- 01.98	113133		
300D 3.0						01.95- 01.98	113133		
300S 3.0						01.95- 01.98	113133		
300SC 3.0						01.95- 01.98	113133		
300SE 3.0						01.95- 01.98	113133		
300SEL 3.0						01.95- 01.98	113133		
300SL 3.0						01.95- 01.98	113133		
300TD 3.0						01.95- 01.98	113133		
350 SD 3.4 Turbo		01.91- 01.91	112734	14	80	01.91- 01.91	112226		
350 SDL 3.4 Turbo		01.90- 01.91	112734	14	80	01.90- 01.91	112226		
350 SL 4.5						01.72- 01.72	110869	12	1.5
380 SE 3.8						01.84- 01.85	110869	12	1.5
		01.84- 01.85	111149	14	80				
380 SEC 3.8		01.82- 01.83	111149	14	80	01.82- 01.83	110869	12	1.5
380 SEL 3.8						01.81- 01.83	110869	12	1.5
380 SL 3.8						01.81- 01.85	110869	12	1.5
380 SLC 3.8						01.81- 01.81	110869	12	1.5
400 E 4.2		01.92- 01.93	112194	14	120	01.92- 01.93	113133		
						01.92- 01.93	112820	12	1.7
400 SE 4.2		01.92- 01.92	112194	14	120	01.92- 01.92	113133		
						01.92- 01.92	112820	12	1.7
400 SEL 4.2		01.93- 01.93	112194	14	120	01.93- 01.93	113133		
						01.93- 01.93	112820	12	1.7
420 SEL 4.2		01.86- 01.91	111149	14	80	01.86- 01.91	110869	12	1.5
450 SE 4.5		01.73- 01.76	110358	14	55	01.73- 01.76	110869	12	1.5
450 SEL 4.5		01.73- 01.80	110358	14	55	01.73- 01.80	110869	12	1.5
450 SEL 6.8									
450 SL 4.5		01.74- 01.80	110358	14	55	01.73- 01.80	110869	12	1.5
						01.74- 01.80	110838	12	1.5
450 SLC 4.5		01.74- 01.80	110358	14	55	01.73- 01.80	110869	12	1.5
						01.74- 01.80	110838	12	1.5
500 E 5.0		01.92- 01.93	112194	14	120	01.92- 01.93	112820	12	1.7
500 SEC 5.0		01.93- 01.93	112194	14	120	01.93- 01.93	112820	12	1.7
						01.84- 01.85	110869	12	1.5
500 SEL 5.0		01.84- 01.85	111149	14	80	01.92- 01.93	112820	12	1.7
		01.92- 01.93	112194	14	120	01.84- 01.85	110869	12	1.5
500 SL 5.0		01.90- 01.93	112774	14	100	01.90- 01.93	112820	12	1.7
560 SEC 5.6		01.86- 01.91	111149	14	80	01.90- 01.91	112820	12	1.7
						01.86- 01.89	110869	12	1.5
560 SEL 5.6		01.86- 01.91	111149	14	80	01.80- 01.91	112820	12	1.7
						01.86- 01.89	110869	12	1.5
560 SL 5.6		01.86- 01.89	111149	14	80	01.86- 01.89	110869	12	1.5
600 SEC 6.0		01.93- 01.93	112194	14	120				
600 SEL 6.0		01.92- 01.93	112194	14	120				
600 SL 6.0		01.93- 01.93	112194	14	120				
C 220 2.2		01.94- 01.96	112529	14	90				
		01.94- 01.96	111369	14	90				
C 230 2.3	[111.974]	01.98- 01.98	111369	14	90	01.98- 01.98	111347	12	1.2
		01.98- 01.98	112529	14	90				
		01.98- 01.98	112530	14	120				
		01.97- 01.97	111369	14	90	01.97- 01.97	111347	12	1.2
		01.97- 01.97	112530	14	120				
		01.97- 01.97	112529	14	90				
C 230 2.3 Super	[111.975]	01.99- 01.00	111369	14	90	01.99- 01.00	111347	12	1.2
C 240 2.6	[112.912]					01.02- 01.02	113282	12	1.4
						01.01- 01.01	111768	12	1.7
C 280 2.8	[112.920]	01.99- 01.00	111902	14	115	01.99- 01.00	111768	12	1.7
		01.94- 01.97	112529	14	90	01.94- 01.97	112315		
		01.98- 01.98	111902	14	115	01.98- 01.98	111768	12	1.7
		01.94- 01.97	111369	14	90				
C 32 AMG 3.2 Super						01.02- 01.03	113282	12	1.4
C 320 3.2	[112.946]					01.02- 01.03	113282	12	1.4
						01.01- 01.01	113282	12	1.4
C 320 3.2 4 Matic	[112.946]					01.03- 01.03	113282	12	1.4
C 36 AMG 3.6		01.95- 01.97	111369	14	90	01.95- 01.97	112315		
		01.95- 01.97	112529	14	90				
		01.95- 01.97	112530	14	120				
C 43 AMG 4.3	[113.944]					01.99- 01.00	111768	12	1.7
						01.98- 01.98	111768	12	1.7
CL 500 5.0	[113.960]					01.00- 01.02	111768	12	1.7
		01.98- 01.98	111850	14	143	01.98- 01.98	112820	12	1.7
CL 55 AMG 5.5						01.01- 01.02	111768	12	1.7
CL 600 6.0		01.98- 01.99	111850	14	143				
CLK 320 3.2	[112.940]	01.98- 01.02	111902	14	115	01.02- 01.02	113282	12	1.4
						01.98- 01.01	111768	12	1.7
CLK 430 4.3	[113.943]					01.99- 01.02	111768	12	1.7
E 300 D 3.0		01.95- 01.97	111369	14	90	01.95- 01.97	112226		
		01.95- 01.97	112529	14	90	01.95- 01.97	113133		
		01.95- 01.97	111354	14	70				



E 300 D 3.0 Turbo	[606.962]	01.99- 01.99	111979			01.99- 01.99	112226		
		01.98- 01.98	111979			01.98- 01.98	113133		
E 320 3.2	[112.941]	01.99- 01.01	111902	14	115	01.99- 01.01	111768	12	1.7
		01.02- 01.02				01.02- 01.02	113282	12	1.4
		01.94- 01.97	112529	14	90	01.94- 01.97	112315		
		01.94- 01.97	111369	14	90	01.94- 01.97	111768	12	1.7
E 320 3.2 4 Matic	[112.941]	01.98- 01.98	111902	14	115				
		01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
E 420 4.2		01.99- 01.01	111768			01.99- 01.01	111768		
E 430 4.3	[113.940]	01.94- 01.97	112194	14	120	01.94- 01.97	112820	12	1.7
E 430 4.3 4 Matic	[113.940]					01.98- 01.02	111768	12	1.7
E 500 5.0		01.01- 01.02				01.01- 01.02	111768	12	1.7
E 55 AMG 5.5		01.94- 01.94	112194	14	120	01.94- 01.94	112820	12	1.7
G 500 5.0		01.99- 01.00				01.99- 01.00	111768	12	1.7
ML 320 3.2	[112.942]	01.02- 01.02	111902	14	115	01.02- 01.02	111768	12	1.7
ML 430 4.3	[113.942]	01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
		01.98- 01.98	111902	14	115	01.98- 01.98	111768	12	1.7
ML 500 5.0		01.94- 01.97	112194	14	120	01.94- 01.97	112820	12	1.7
ML 55 AMG 5.5		01.99- 01.99	112530	14	120	01.99- 01.99	111768	12	1.7
S 320 3.2	[104.994]	01.98- 01.98	112530	14	120	01.98- 01.98	111768	12	1.7
S 350 3.4 TD		01.99- 01.99	112530	14	120	01.99- 01.99	111768	12	1.7
		01.94- 01.97	112194	14	120	01.94- 01.97	112315		
S 420 4.2	[119.981]	01.94- 01.95	112774	14	100	01.94- 01.95	112226		
S 430 4.3	[119.980]	01.99- 01.99	111850	14	143	01.99- 01.99	112820	12	1.7
		01.94- 01.98	111850	14	143	01.94- 01.98	112820	12	1.7
S 500 5.0		01.94- 01.97	112194	14	120				
S 55 AMG 5.5		01.00- 01.03				01.00- 01.03	111768	12	1.7
		01.99- 01.99	111850	14	143	01.99- 01.99	112820	12	1.7
S 600 6.0		01.94- 01.97	112194	14	120	01.94- 01.98	112820	12	1.7
SL 320 3.2		01.98- 01.98	111850	14	143	01.00- 01.03	111768	12	1.7
SL 500 5.0	[113.961]	01.01- 01.02				01.01- 01.02	111768	12	1.7
SL 600 6.0	[120.983]	01.94- 01.99	112194	14	120	01.99- 01.02	111768	12	1.7
		01.98- 01.98	111850	14	143	01.94- 01.98	112820	12	1.7
SLK 230 2.3 Super	[111.973]	01.99- 01.02				01.03- 01.03	111768	12	1.7
		01.94- 01.97	112194	14	120				
SLK 320 3.2		01.99- 01.99	112530	14	120	01.99- 01.99	111768	12	1.7
<b>PASSENGER CARS AO</b>									
250 TD 2.5 Turbo	(124)[OM605.911]	04.85- 06.93	110923	14	55				
300 T 3.0 TD	[124]	04.85- 06.96	111093	14	70				
		12.84- 06.93	110923	14	55				
CLK 320 3.0 CDI	(209)[OM642.910]	04.85- 06.93	111093	14	70				
CLK 500 5.5	(209)[M273.965]	03.05- 06.93	114042	14	180				
Viano 2.2 CDI	(W639)	08.05- 06.93	114102	14	180	RHD 06.06-	114178	12	1.4
<b>TRUCKS EU</b>									
204 11.9	(Actros MP2 / MP3)	06.08- 06.93	113351	28	100				
608 3.8	(LP)[OM314.910]	10.69- 10.77	111141	14	55	02.73- 10.77	110524	24	4.0
709 3.8	(LP)[OM314.910]	RHD 09.73- 10.77	110525	12	3.0	11.67- 01.73	110512	24	5.4
		09.73- 10.77	110525	12	3.0	09.73- 10.77	110525	12	3.0
		RHD 09.73- 10.77	110525	12	3.0	10.69- 01.73	110512	24	5.4
		02.73- 10.77	110524	24	4.0	02.73- 10.77	110524	24	4.0
709 4.0	(LK/LN2)[OM364.907]	RHD 11.77- 12.84	110524	24	4.0	11.77- 12.84	110525	12	3.0
		11.77- 12.84	110525	12	3.0	03.84- 02.93	110524	24	4.0
		03.84- 02.93	110524	24	4.0	03.84- 02.93	113979	24	4.0
		03.84- 02.93	113979	24	4.0				
711 4.0	(LK/LN2)[OM354.900]	02.66- 07.77	110895	28	55	02.92-	110524	24	4.0
		02.66- 07.77	110906	28	30	02.92- 11.10	113979	24	4.0
		02.66- 12.84	111141	14	55				
		02.66- 07.77	113920	28	35				
		02.66- 07.77	110727	14	55				
		02.66- 12.84	111141	14	55				
711 4.3	(LK/LN2)[OM904.905]	03.84- 10.90	110113	28	27				
		03.84- 02.93	111628	28	30				
		11.86- 02.93	110895	28	55				
		11.86- 02.91	110906	28	30				
		10.88- 02.93	112159	28	80				
		03.91- 02.93	113920	28	35				
		03.84- 10.90	110113	28	27				
		11.86- 10.90	110895	28	55				
712 4.3	(Atego)[OM904.909]	11.86- 02.91	110906	28	30				
		10.88- 10.90	112159	28	80				
713 4.3	(Atego 2)[OM900.911]	03.91- 12.98	113920	28	35				
		02.92- 12.99	111628	28	35				
		03.94- 112159	28	80					
		03.94- 12.98	113920	28	35				
		03.94- 12.98	113920	28	35				
		02.92- 12.99	111628	28	35				
714 4.2	(Atago)[OM904.910]	03.94- 12.98	113920	28	35				
		03.96-	112561	28	80				
		01.98- 01.01	112561	28	80	03.96- 12.98	111982	24	4.0
		01.98- 01.01	113448	28	100	03.96- 12.98	114523	24	4.0
715 4.3	(Atago 2)[OM900.912]	01.98- 01.01	113351	28	100	01.98- 01.01	111982	24	4.0
		01.98- 01.01	113448	28	100	01.98- 10.04	114523	24	4.0
		10.04-	113351	28	100	10.04-	111982	24	4.0
		10.04-	113351	28	100	10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	111982	24	4.0
		10.04-	113351	28	100	10.04-	114523	24	4.0
716 4.3	(Atago 2)[OM900.912]	10.04-	113351	28	100	10.04-	111982	24	4.0
		10.04-	113351	28	100	10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	111982	24	4.0
		10.04-	113351	28	100	10.04-	114523	24	4.0
717 4.2	(Atago)[OM904.911]	10.04-	113351	28	100	10.04-	111982	24	4.0
		10.04-	113351	28	100	10.04-	114523	24	4.0
		10.04-	113351	28	100	10.04-	111982	24	4.0
		10.04-	113351	28	100	10.04-	114523	24	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

808 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14	55		10.69- 01.73	110512	24	5.4
						RHD	09.73- 12.84	110525	12	3.0
	[OM314.944]	10.69- 12.84	111141	14	55		02.73- 12.84	110524	24	4.0
						RHD	09.73- 12.84	110525	12	3.0
	[OM314.964]	11.77- 12.84	111141	14	55		10.69- 01.73	110512	24	5.4
	[OM314.965]	11.77- 12.84	111141	14	55		02.73- 12.84	110524	24	4.0
809 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14	55		RHD 09.73- 12.84	110525	12	3.0
							10.69- 01.73	110512	24	5.4
	[OM314.944]	10.69- 12.84	111141	14	55		02.73- 12.84	110524	24	4.0
						RHD	09.73- 12.84	110525	12	3.0
	[OM314.964]	11.77- 12.84	111141	14	55		10.69- 01.73	110512	24	5.4
	[OM314.965]	11.77- 12.84	111141	14	55		02.73- 12.84	110524	24	4.0
809 4.0	(LK/LN2)[OM364.907]	03.84- 10.86	110113	28	27		03.84- 02.93	113979	24	4.0
		11.86- 02.93	110895	28	55		03.84- 02.93	110524	24	4.0
		11.86- 02.91	110906	28	30					
		10.88- 02.93	112159	28	80					
		03.91- 02.93	113920	28	35					
	[OM364.918]	03.84- 10.86	110113	28	27		02.92-	110524	24	4.0
	11.86- 02.91	110906	28	30		02.92- 12.98	113979	24	4.0	
	12.86-	110895	28	55						
	10.88-	112159	28	80						
	03.91- 12.98	113920	28	35						
	02.92- 12.99	111628	28	35						
811 4.0	(LK/LN2)[OM354.900]	03.94-	110895	28	55		03.94-	110524	24	4.0
		03.94- 12.99	111628	28	80					
		03.94-	112159	28	80					
	[OM904.905]	03.94- 12.98	113920	28	35					
		03.94-	110895	28	55		03.94-	110524	24	4.0
		03.94-	112159	28	80					
		03.94- 12.98	113920	28	35					
811 4.2	(LK/LN2)[OM904.905]	03.96- 12.99	112561	28	80		03.96-	111982	24	4.0
							03.96- 12.99	114523	24	4.0
812 4.2	(Atego 2)[OM904.909]						10.04-	114523	24	4.0
812 4.3	(Atego)[OM904.909]	01.98- 01.01	112561	28	80		01.98- 01.01	111982	24	4.0
		01.98- 01.01	113448	28	100		10.04-	114523	24	4.0
							10.04-	114523	24	4.0
	[OM900.911]	10.04-	113351	28	100		10.04-	111982	24	4.0
							10.04-	114523	24	4.0
	[OM900.917]	10.04-	113351	28	100		10.04-	111982	24	4.0
							10.04-	114523	24	4.0
813 4.3	(Atego 2)[OM900.909]						10.04-	114523	24	4.0
	[OM900.911]	10.04-	113351	28	100		10.04-	111982	24	4.0
							10.04-	114523	24	4.0
	[OM900.917]	10.04-	113351	28	100		10.04-	111982	24	4.0
							10.04-	114523	24	4.0
813 5.7	(LP)[OM353.904]	10.69-	110727				09.73- 12.84	110525	12	3.0
		08.79- 03.81	110751	14	35					
		08.79- 12.84	111141	14	55					
	[OM353.941]	10.69-	111141	14	55		10.69-	110525	12	3.0
	[OM353.965]	08.79- 03.81	110751	14	35		10.69- 12.84	110525	12	3.0
		08.79- 12.84	111141	14	55					
	Eng. 538581- 10.69-	111141	14	55						
	[OM353.981]	03.73- 12.84	111141	14	55		09.73- 12.84	110525	12	3.0
		08.79- 03.81	110751	14	35					
814 4.0	(LK/LN2)[OM354.920]	03.94-	110895	28	55		03.94-	110524	24	4.0
		03.94- 12.99	111628	28	80		03.94- 12.98	110592	24	6.6
		03.94-	112159	28	80					
		03.94- 12.98	113920	28	35					
	[OM354.921]	03.94-	110895	28	55		03.94-	110524	24	4.0
		03.94- 12.99	111628	28	80					
	03.94-	112159	28	80						
	03.94- 12.98	113920	28	35						
	[OM354.922]	03.94-	110895	28	55		03.94-	110524	24	4.0
		03.94- 12.99	111628	28	80					
		03.94-	112159	28	80					
814 4.2	(Atego)[OM904.910]						01.98-	111982	24	4.0
							01.98- 10.04	114523	24	4.0
	[OM904.916]						01.98-	111982	24	4.0
						01.98- 10.04	114523	24	4.0	
	(LK/LN2)[OM904.906]	03.96-	112561	28	80		03.96-	111982	24	4.0
							03.96- 12.98	114523	24	4.0
814 6.0	(LK/LN2)[OM356.901]	03.84- 10.86	110113	28	27		03.84- 12.93	110524	24	4.0
		11.86- 02.93	110895	28	55		02.92- 11.10	113979	24	4.0
		11.86- 02.91	110906	28	30					
		10.88- 02.93	112159	28	80					
		02.92- 12.99	111628	28	35					
		02.92- 12.98	111842	28	140					
	02.92- 12.98	113920	28	35						
[OM356.902]	03.84- 10.86	110113	28	27		03.84- 02.93	110524	24	4.0	
	11.86- 02.91	110906	28	30		02.92- 12.98	113979	24	4.0	
	12.86- 02.93	110895	28	55						
	10.88- 02.93	112159	28	80						
	02.92- 12.99	111628	28	35						
	02.92- 12.98	113920	28	35						
[OM356.905]	02.92-	110895	28	55		02.92-	110524	24	4.0	
[OM356.906]	10.88-	112159	28	80		12.86-	110524	24	4.0	
	06.91-	110895	28	55						
[OM356.911]	02.92- 12.99	111628	28	35		05.86- 09.93	110524	24	4.0	
	02.92- 12.98	113920	28	35						
[OM366.905]	03.84- 10.86	110113	28	27		03.84- 02.93	113979	24	4.0	
	11.86- 02.91	110906	28	30		03.84- 02.93	110524	24	4.0	
	11.86- 02.93	113920	28	35						
	12.86- 02.93	110895	28	55						
	10.88- 02.93	112159	28	80						
	02.92- 12.99	111628	28	35						
	02.92- 12.98	113920	28	35						
[OM366.906]	03.84- 10.86	110113	28	27		03.84- 02.93	110524	24	4.0	
	11.86- 02.91	110906	28	30		03.84- 11.10	113979	24	4.0	
	12.86- 02.93	110895	28	55						
	10.88- 02.93	112159	28	80						
	03.91- 02.93	113920	28	35						
	02.92- 12.99	111628	28	35						
[OM366.907]	03.84- 10.86	110113	28	27		03.84- 02.93	110524	24	4.0	
	11.86- 02.91	110906	28	30		03.84- 12.98	113979	24	4.0	
	12.86- 02.93	110895	28	55						
	10.88- 02.93	112159	28	80						
	03.91- 02.93	113920	28	35						
	02.92- 12.99	111628	28	35						
[OM366.910]	03.84- 10.86	110113	28	27		03.84- 12.98	113979	24	4.0	
	03.84- 02.93	110895	28	55		03.84- 02.93	110524	24	4.0	
	12.86- 02.93	110906	28	30						
	10.88- 02.93	112159	28	80						
	03.91- 02.93	113920	28	35						
	02.92- 12.99	111628	28	35						
	03.84- 10.86	110113	28	27						
	11.86- 02.91	110906	28	30						
	12.86- 02.93	110895	28	55						
	10.88- 02.93	112159	28	80						
	03.91- 02.93	113920	28	35						
	02.92- 12.99	111628	28	35						
[OM366.932]	01.86- 02.93	111628	28	80		12.86-	110524	24	4.0	
	10.88-	112159	28	80						
	06.91-	110895	28	55						

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



815 4.3	(Atego)[OM904.922]	01.98-01.01	112561	28	80	01.98-01.01	111982	24	4.0
		01.98-01.01	113448	28	100	01.98-10.04	114523	24	4.0
	[OM906.922]	01.98-	113448	28	100	01.98-	111982	24	4.0
						10.04-	114523	24	4.0
	(Atego 2)[OM900.912]	10.04-	113351	28	100	10.04-	111982	24	4.0
816 4.3						10.04-	114523	24	4.0
	[OM904.922]					10.04-	114523	24	4.0
	[OM900.918]	10.04-	113351	28	100	10.04-	111982	24	4.0
						10.04-	114523	24	4.0
	(Atego 2)[OM900.912]	10.04-	113351	28	100	10.04-	111982	24	4.0
817 4.2						10.04-	114523	24	4.0
	(LK/LN2)[OM904.907]	03.96-	112561	28	80	03.96-	111982	24	4.0
						03.96-	114523	24	4.0
						01.98-01.01	111982	24	4.0
	(Atego)[OM904.911]	01.98-01.01	112561	28	80	01.98-10.04	114523	24	4.0
817 4.3						01.98-10.04	114523	24	4.0
	[OM906.922]	01.98-	113448	28	100	02.92-	110524	24	4.0
	(LK/LN2)[OM356.948]	06.91-06.91-	110895	28	55				
817 6.0									
	[OM356.951]	03.84-10.86	110113	28	27	03.84-	110524	24	4.0
		11.86-02.91	110906	28	30	12.92-12.98	113979	24	4.0
		12.86-12.98	110895	28	55				
		10.88-12.98	112159	28	80				
818 4.2									
	[OM357.900]	06.91-	110895	28	55	01.86-09.93	110524	24	4.0
		06.91-	112159	28	80				
		03.94-12.98	113920	28	35				
	[OM357.908]	03.84-10.86	110113	28	27	03.84-	110524	24	4.0
818 4.3						03.94-12.98	113979	24	4.0
	[OM357.916]	10.88-	112159	28	80				
		06.91-	110895	28	55	03.94-	110524	24	4.0
		06.91-	112159	28	80				
822 4.8									
	[OM357.917]	03.94-12.98	113920	28	35				
		06.91-	110895	28	55	02.92-	110524	24	4.0
		06.91-	112159	28	80				
		03.94-12.98	113920	28	35				
823 6.4									
	[OM366.942]	06.91-	110895	28	55	01.86-09.93	110524	24	4.0
		06.91-	112159	28	80				
		02.92-12.98	113920	28	35				
	[OM366.943]	06.91-	110895	28	55	01.86-09.93	110524	24	4.0
824 6.4									
911 5.7									
	[OM366.967]	03.84-02.93	113920	28	35	03.84-02.93	113979	24	4.0
		01.86-02.93	111628	28	30	03.84-09.93	110524	24	4.0
		11.86-12.91	110906	28	30				
		12.86-02.93	110895	28	55				
913 5.7									
914 6.0									
	[OM366.968]	01.86-02.93	111628	28	35	01.86-	110524	24	4.0
		01.86-02.93	113920	28	35				
		10.88-05.91	112159	28	80				
		06.91-	110895	28	55				
914 6.0									
	[OM366.969]	06.86-02.93	111628	28	80	06.86-02.93	110524	24	4.0
		10.88-05.91	112159	28	80				
		06.91-	110895	28	55				
914 6.0									
	[OM366.973]	03.84-10.86	110113	28	27	03.84-02.93	113979	24	4.0
		11.86-02.91	110906	28	30	03.84-	110524	24	4.0
		12.86-	110895	28	55				
		10.88-	112159	28	80				
818 4.2									
818 4.3									
822 4.8									
823 6.4									
824 6.4									
911 5.7									
913 5.7									
914 6.0									



MERCEDES-BENZ Continued

Application list

	[OM366.930]	03.84- 10.86 07.86- 12.98 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 28 28 28 28	27 35 30 55 80		03.84- 12.98 03.84-	113979 110524	24 24	4.0 4.0
	[OM366.940]	01.87- 02.93	113920	28	35		01.87- 02.93 01.87- 02.93	110524 113979	24 24	4.0 4.0
	[OM366.944]	02.87- 02.93	113920	28	35		02.87- 02.93 02.87- 02.93	110524 113979	24 24	4.0 4.0
	[OM366.945]	02.92- 02.92- 12.98	110895 113920	28 28	55 35		02.87- 02.93 02.87- 02.93	110524 113979	24 24	4.0 4.0
915 4.3	(Atego 2)[OM900.912]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM900.918]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM904.922]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
916 4.2	(Atego 2)[OM900.912]						10.04-	114523	24	4.0
	[OM900.918]						10.04-	114523	24	4.0
916 4.3	(Atego 2)[OM900.912]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM900.918]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM904.922]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
917 4.2	(Atego)[OM904.911]	01.98- 01.98- 01.98-	113278 113351 113448	28 28 28	100 100 100		01.98- 10.04 01.98-	114523 111982	24 24	4.0 4.0
	(LK/LN2)[OM904.907]	03.96- 03.96-	112561 113278	28 28	80 80		03.96- 03.96-	111982 114523	24 24	4.0 4.0
917 4.3	(Atego)[OM904.911]	01.98- 01.01 01.98- 01.01	112561 113448	28 28	80 100		01.98- 01.01 01.98- 10.04	111982 114523	24 24	4.0 4.0
917 6.0	(LK/LN2)[OM356.941]	12.92- 12.92-	110895 112159	28 28	55 80		12.92- 12.92- 12.98	110524 113979	24 24	4.0 4.0
	[OM357.900]	03.94- 12.98 03.94- 12.98 03.94- 12.98	110895 112159 113920	28 28 28	55 80 35		03.94- 12.98 03.94- 12.98	113979 110524	24 24	4.0 4.0
	[OM357.901]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 28 28	55 80 35		03.94- 12.98 03.94-	113979 110524	24 24	4.0 4.0
	[OM357.906]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 28 28	55 80 35		03.94- 11.10 03.94-	113979 110524	24 24	4.0 4.0
	[OM357.909]	02.87- 12.92-	110895 112159	28 28	55 80		12.92- 03.94- 11.10	110524 113979	24 24	4.0 4.0
	[OM357.910]	02.87- 12.92-	110895 112159	28 28	55 80		12.92- 12.98 12.92-	113979 110524	24 24	4.0 4.0
	[OM357.918]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 28 28	55 80 35		03.94- 03.94- 12.98	110524 113979	24 24	4.0 4.0
	[OM366.966]	02.87- 02.87- 02.93	110895 113920	28 28	55 35		02.87- 02.93 02.87- 02.93	110524 113979	24 24	4.0 4.0
	[OM366.974]	02.87- 02.87- 02.93	110895 113920	28 28	55 35		02.87- 02.93 02.87- 02.93	110524 113979	24 24	4.0 4.0
	[OM366.978]	02.87- 02.87- 02.93	110895 113920	28 28	55 35		02.87- 02.93 02.87- 02.93	110524 113979	24 24	4.0 4.0
918 4.2	(Atego 2)[OM900.913]						02.06- 10.04-	111982 114523	24 24	4.0 4.0
	[OM900.919]						10.04-	114523	24	4.0
918 4.3	(Atego 2)[OM900.919]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
922 4.8	(Atego 2)[OM924.920]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM924.922]						06.06- 10.04-	111982 114523	24 24	4.0 4.0
923 6.4	(Atego)[OM906.910]	01.98- 01.01 01.98- 01.01	112561 113448	28 28	80 100		01.98- 01.01 01.98- 10.04	111982 114523	24 24	4.0 4.0
	(Atego 2)[OM902.916]	10.04-	113351	28	100		10.04-	111982	24	4.0
	[OM906.910]	10.04-	113351	28	100		10.04-	114523	24	4.0
	[OM906.915]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
924 6.4	(Atego 2)[OM902.916]	10.04-	113351	28	100		10.04- 10.04-	114523 111982	24 24	4.0 4.0
	[OM906.910]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM906.915]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
925 6.4	(Atego)[OM906.919]						01.98-	111982	24	4.0
926 6.4	(Atego 2)[OM902.917]						02.06- 10.04-	111982 114523	24 24	4.0 4.0
1013 5.7	(LP)[OM353.904]	08.79- 03.81 08.79- 12.84	110751 111141	14 14	35 55		11.76- 12.84	110525	12	3.0
	[OM353.965]	08.79- 03.81 08.79- 12.84	110751 111141	14 14	35 55		11.76- 12.84	110525	12	3.0
	[OM353.981]	08.79- 03.81 08.79- 12.84	110751 111141	14 14	35 55		11.76- 12.84	110525	12	3.0
	[OM353.982]	08.79- 03.81 08.79- 12.84	110751 111141	14 14	35 55		11.76- 12.84	110525	12	3.0
	(NG)[OM353.942]	07.79- 12.86	111141	14	55		02.76- 12.86	110525	12	3.0
	[OM353.943]	07.79- 12.86	111141	14	55		02.76- 12.86	110525	12	3.0
	[OM353.945]	08.79- 12.84	111141	14	55		02.76- 12.84	110525	12	3.0
	[OM353.946]	08.79- 12.84	111141	14	55		02.76- 12.84	110525	12	3.0
1016 4.2	(Atego 2)[OM900.912]						10.04-	114523	24	4.0
	[OM900.918]						10.04-	114523	24	4.0
1016 4.3	(Atego 2)[OM900.912]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM900.918]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
1017 4.2	(Atego)[OM904.911]	01.98- 01.98- 01.98-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		01.98- 10.04 01.98-	114523 111982	24 24	4.0 4.0
1017 4.3	(Atego)[OM900.913]						01.98- 10.04	114523	24	4.0
	[OM904.911]	01.98- 01.01 01.98- 01.01	112561 113448	28 28	80 100		01.98- 01.01 01.98- 10.04	111982 114523	24 24	4.0 4.0
	[OM904.917]	01.98- 10.04 01.98- 10.04	112561 113448	28 28	80 100		01.98- 10.04 01.98- 10.04	111982 114523	24 24	4.0 4.0
1017 5.7	(NG)[OM353.950]	11.75- 02.91 02.76- 09.85 08.79- 03.81	111141 110113 110751	14 28 14	55 27 35		11.75- 02.91 11.75- 02.91	110525 110524	12 24	3.0 4.0
	[OM353.952]	11.75- 02.91 08.79- 03.81	111141 110751	14 14	55 35		11.75- 02.91 11.75- 02.91	110524 110525	24 24	4.0 3.0
	[OM353.953]	11.75- 02.91 08.79- 03.81	111141 110751	14 14	55 35		11.75- 02.91 11.75- 02.91	110524 110525	24 24	4.0 3.0
	[OM353.954]	11.75- 09.85 08.79- 03.81	111141 110751	14 14	55 35		11.75- 05.84 11.75- 09.85	110525 110524	12 24	3.0 4.0
	[OM353.970]	02.76- 12.84	111141	14	55		02.76- 12.84	110525	12	3.0
	[OM353.971]	02.76- 12.84	111141	14	55		02.76- 12.84	110525	12	3.0
	[OM353.975]	11.75- 02.91 08.79- 03.81	111141 110751	14 14	55 35		11.75- 02.91 11.75- 02.91	110525 110524	12 24	3.0 4.0
1018 4.2	(Atego 2)[OM900.913]						02.06- 10.04-	111982 114523	24 24	4.0 4.0
	[OM900.919]						10.04-	114523	24	4.0







MERCEDES-BENZ Continued

Application list

	[OM366.970]	04.84-10.86 07.86-02.93 11.86-02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 28 28 28 28	27 35 30 55 80		07.86-02.93	113979	24	4.0
	[OM366.971]	06.90- 03.93-	110895 112159	28 28	55 80		03.84- 03.93-12.99	110524 113979	24 24	4.0 4.0
1120 6.0	(LK/LN2)[OM356.986]	06.84-10.86 11.86-02.91 12.86- 10.88- 02.92-12.99	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		02.92-12.99 06.84-	113979 110524	24 24	4.0 4.0
	[OM356.993]	02.92-	110895	28	55		02.92- 02.92-12.99	110524 113979	24 24	4.0 4.0
	[OM356.994]	02.87-	110895	28	55		02.87- 10.92-12.99	110524 113979	24 24	4.0 4.0
	[OM356.995]	02.87-	110895	28	55		02.87- 10.92-12.99	110524 113979	24 24	4.0 4.0
	[OM356.996]	10.92-	110895	28	55		10.92- 10.92-12.99	110524 113979	24 24	4.0 4.0
	[OM357.920]	06.84-10.86 11.86-02.91 12.86- 10.88- 06.94-12.99	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		06.94-12.99 06.84-	113979 110524	24 24	4.0 4.0
	[OM357.927]	06.84-10.86 11.86-02.91 12.86- 10.88- 06.94-12.99	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		06.84-12.99 06.84-	113979 110524	24 24	4.0 4.0
	[OM357.929]	06.94-12.99	113920	28	35		02.92- 02.92-12.99	110524 113979	24 24	4.0 4.0
	[OM357.932]	06.84-10.86 11.86-02.91 12.86- 10.88- 06.94-12.99	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		06.84- 06.94-12.99	110524 113979	24 24	4.0 4.0
	[OM366.962]	08.84-02.93	113920	28	35		08.84-02.93 08.84-02.93	110524 113979	24 24	4.0 4.0
	[OM366.988]	06.84-10.86 06.84-02.93 11.86-02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 28 28 28 28	27 35 30 55 80		06.84- 06.84-02.93	110524 113979	24 24	4.0 4.0
	[OM366.992]	02.87-12.92	110895	28	55		02.87-12.92 08.84-02.93	110524 113979	24 24	4.0 4.0
	[OM366.993]	02.92-	110895	28	55		02.92- 02.92-12.99	110524 113979	24 24	4.0 4.0
	[OM366.994]	02.87-	110895	28	55		02.87- 02.87-12.92	110524 113979	24 24	4.0 4.0
1124 6.0	(LK/LN2)[OM356.979]	03.92- 03.92-12.99	110895 113920	28 28	55 35		03.92- 03.92-12.99	110524 113979	24 24	4.0 4.0
	[OM356.983]	03.92- 03.92-12.99	110895 113920	28 28	55 35		03.92- 03.92-12.99	110524 113979	24 24	4.0 4.0
	[OM356.989]	03.92- 03.92-12.99	110895 113920	28 28	55 35		03.92- 03.92-12.99	110524 113979	24 24	4.0 4.0
	[OM356.991]	03.92- 03.92-12.99	110895 113920	28 28	55 35		03.92- 03.92-12.99	110524 113979	24 24	4.0 4.0
	[OM357.933]	03.92-	110895	28	55		03.92- 06.94-12.99	110524 113979	24 24	4.0 4.0
	[OM357.942]	03.92-	110895	28	55		03.92- 06.94-12.99	110524 113979	24 24	4.0 4.0
	[OM357.943]	06.94-	110895	28	55		03.92- 06.94-12.99	110524 113979	24 24	4.0 4.0
	[OM357.944]	06.94-	110895	28	55		03.92- 06.94-12.99	110524 113979	24 24	4.0 4.0
1213 5.7	(NG)[OM353.943]	09.75-07.79 09.75-05.86	111105 111141	14 14	55 55		09.75-05.86	110525	12	3.0
	[OM353.944]	09.75-05.86	111141	14	55		09.75-05.86	110525	12	3.0
	[OM353.945]	09.75-05.86	111141	14	55		09.75-05.86	110525	12	3.0
	[OM353.946]	09.75-05.86	111141	14	55		09.75-05.86	110525	12	3.0
1214 4.2	(Atego)[OM904.910]	01.98-10.04 01.98-10.04	112561 113448	28 28	80 100		01.98-10.04 01.98-10.04	114523 111982	24 24	4.0 4.0
	[OM904.916]	01.98-10.04 01.98-10.04	112561 113448	28 28	80 100		01.98-10.04 01.98-10.04	114523 111982	24 24	4.0 4.0
1214 4.3	(Atego)[OM904.910]	01.98-10.04	112561	28	80		01.98- 01.98-10.04	111982 114523	24 24	4.0 4.0
	[OM904.916]						01.98- 01.98-10.04	111982 114523	24 24	4.0 4.0
1215 4.3	(Atego)[OM904.922]	01.98-01.01 01.98-01.01	112561 113448	28 28	80 100		01.98-01.01 01.98-10.04	111982 114523	24 24	4.0 4.0
	(Atego 2)[OM900.912]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM904.922]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
1216 4.2	(Atego 2)[OM900.912]						10.04-	114523	24	4.0
1216 4.3	(Atego 2)[OM900.912]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM904.922]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
1217 4.3	(Atego)[OM904.911]	01.98-01.01 01.98-01.01	112561 113448	28 28	80 100		01.98-01.01 01.98-10.04	111982 114523	24 24	4.0 4.0
1217 5.7	(NG)[OM353.950]	09.75-09.85 08.79-03.81 05.83-09.85 05.83-09.85 05.83-09.85	111141 110751 110895 110906 112159	14 14 28 28 28	55 35 55 30 80		09.75-09.85	110525	12	3.0
	[OM353.951]	09.75-09.85 08.79-03.81 05.83-09.85 05.83-09.85 05.83-09.85	111141 110751 110895 110906 112159	14 14 28 28 28	55 35 55 30 80		09.75-09.85	110525	12	3.0
	[OM353.952]	09.75-09.85 08.79-03.81 05.83-09.85 05.83-09.85 05.83-09.85	111141 110751 110895 110906 112159	14 14 28 28 28	55 35 55 30 80		09.75-09.85	110525	12	3.0
	[OM353.953]	09.75-09.85 07.79-03.81 05.83-09.85 05.83-09.85 05.83-09.85	111141 110751 110895 110906 112159	14 14 28 28 28	55 35 55 30 80		09.75-09.85	110525	12	3.0
	[OM353.970]	09.75-09.85	111141	14	55		09.75-09.85	110525	12	3.0
	[OM353.971]	09.75-09.85	111141	14	55		09.75-09.85	110525	12	3.0
1217 6.0	(LK/LN2)[OM357.901]	03.94-12.99	113920	28	35		03.94- 03.94-12.99	110524 113979	24 24	4.0 4.0
	[OM357.918]	03.94-12.99	113920	28	35		03.94- 03.94-12.99	110524 113979	24 24	4.0 4.0
1218 4.2	(Atego 2)[OM900.913]	02.06-	112561	28	80		10.04-	114523	24	4.0
1218 4.3	(Atego)[OM904.951]	07.01-	112561	28	80					
	(Atego 2)[OM900.913]	10.04-	113351	28	100		10.04-	111982	24	4.0
		02.06-	112561	28	80		10.04-	114523	24	4.0



1219 9.6	(NG)[OM401.905]	04.81- 12.84	111141	14	55	09.75- 12.84	112120	24	6.6	
						03.77- 12.84	110206	24	5.4	
						09.75- 02.77	110210	24	6.6	
						09.75- 12.84	113855	24	5.4	
	[OM401.906]	04.81- 09.84	111141	14	55	09.75- 09.84	112120	24	6.6	
						03.77- 09.84	110206	24	5.4	
						09.75- 02.77	110210	24	6.6	
[OM401.914]		04.81- 09.84	111141	14	55	09.75- 09.84	113855	24	5.4	
						09.75- 02.77	110210	24	6.6	
						03.77- 09.84	110206	24	5.4	
[OM401.915]		04.81- 09.84	111141	14	55	09.75- 09.84	112120	24	6.6	
						09.75- 09.84	113855	24	5.4	
						03.77- 09.84	110206	24	5.4	
[OM401.918]					09.75- 02.77	110210	24	6.6		
					09.75- 09.84	112120	24	6.6		
					09.75- 09.84	113855	24	5.4		
[OM401.919]					03.77- 09.84	110206	24	5.4		
					09.75- 02.77	110210	24	6.6		
					09.75- 09.84	112120	24	6.6		
1222 11.0	(MK)[OM441.905]	07.89- 08.94	110895	28	55	07.89- 08.94	110601	24	5.4	
		07.89- 02.91	110906	28	30	07.89- 08.94	113855	24	5.4	
		07.89- 08.94	112159	28	80	07.89- 08.94	110512	24	5.4	
		03.91- 09.91	113920	28	35	07.89- 08.94	110206	24	5.4	
	[OM441.913]	07.89- 08.94	110895	28	55	07.89- 08.94	110512	24	5.4	
		07.89- 02.91	110906	28	30	07.89- 08.94	113855	24	5.4	
		07.89- 08.94	112159	28	80	07.89- 08.94	110601	24	5.4	
		03.91- 09.91	113920	28	35	07.89- 08.94	110206	24	5.4	
	[OM441.914]	09.89- 07.94	110895	28	55	09.89- 07.94	110601	24	5.4	
		09.89- 02.91	110906	28	30	09.89- 07.94	113855	24	5.4	
		09.89- 07.94	112159	28	80	09.89- 07.94	110512	24	5.4	
		03.91- 09.91	113920	28	35	09.89- 07.94	110206	24	5.4	
	[OM441.915]	09.89- 09.93	110895	28	55	09.89- 09.93	113855	24	5.4	
						09.89- 09.93	110206	24	5.4	
	[OM441.917]	09.89- 09.93	110895	28	55	09.89- 09.93	113855	24	5.4	
						09.89- 09.93	110206	24	5.4	
	[OM441.923]	07.89- 08.94	110895	28	55	07.89- 08.94	110206	24	5.4	
		07.89- 08.94	113920	28	35	07.89- 08.94	113855	24	5.4	
						07.89- 08.94	110512	24	5.4	
						07.89- 08.94	110601	24	5.4	
	[OM441.925]	07.89- 08.94	110895	28	55	07.89- 08.94	110601	24	5.4	
		07.89- 08.94	113920	28	35	07.89- 08.94	110512	24	5.4	
						07.89- 08.94	110206	24	5.4	
						07.89- 08.94	113855	24	5.4	
[OM441.926]	09.89- 07.94	110895	28	55	08.89- 07.94	110601	24	5.4		
	09.89- 02.91	110906	28	30	09.89- 07.94	113855	24	5.4		
	09.89- 07.94	112159	28	80	09.89- 07.94	110512	24	5.4		
	03.91- 09.91	113920	28	35	09.89- 07.94	110206	24	5.4		
(NG)[OM421.905]	05.82- 10.90	110895	28	55	05.82- 10.90	110206	24	5.4		
	10.88- 10.90	112159	28	80	05.82- 10.90	113855	24	5.4		
[OM421.906]	05.82- 12.91	110895	28	55	05.82- 12.91	110206	24	5.4		
	10.88- 12.91	112159	28	80	05.82- 12.91	113855	24	5.4		
1222 4.8	(Atego 2)[OM924.920]	10.04-	113351	28	100	10.04-	114523	24	4.0	
						10.04-	111982	24	4.0	
[OM924.922]					02.06-	111982	24	4.0		
					10.04-	114523	24	4.0		
1222 6.0	(MK)[OM356.999]	02.93-	110895	28	55	02.93-	110524	24	4.0	
		02.93-	112159	28	80					
		02.93- 02.01	113920	28	35					
	[OM357.946]	02.93-	110895	28	55	02.93-	110524	24	4.0	
		02.93-	112159	28	80					
		02.93- 02.01	113920	28	35					
	[OM366.999]	02.93-	110895	28	55	02.93-	110524	24	4.0	
	02.93-	112159	28	80						
	02.93- 02.01	113920	28	35						
1223 6.4	(Atego)[OM906.910]	01.98- 09.04	112561	28	80	01.98- 10.04	114523	24	4.0	
		01.98- 09.04	113448	28	100	01.98- 09.04	111982	24	4.0	
	[OM906.915]	01.98- 09.04	112561	28	80	01.98- 09.04	114523	24	4.0	
		01.98- 09.04	113448	28	100	01.98- 09.04	111982	24	4.0	
	(Atego 2)[OM902.916]					10.04-	114523	24	4.0	
[OM906.910]					10.04-	114523	24	4.0		
[OM906.915]					10.04-	114523	24	4.0		
1224 6.0	(MK)[OM356.999]	07.89- 08.94	110895	28	55	07.89- 08.94	110524	24	4.0	
						07.89- 08.94	113979	24	4.0	
1224 6.4	(Atego 2)[OM902.916]					10.04-	114523	24	4.0	
	[OM906.910]					10.04-	114523	24	4.0	
	[OM906.915]					10.04-	114523	24	4.0	
1224 9.6	(MK)[OM401.984]	02.93- 09.96	113920	28	35	02.93-	110206	24	5.4	
						02.93- 09.96	113855	24	5.4	
1225 15.1	(NG)[OM442.907]	05.82- 12.91	113920	28	35					
1225 6.4	(Atego)[OM906.919]	01.98- 01.01	112561	28	80	01.98- 01.01	111982	24	4.0	
		01.98- 01.01	113448	28	100	01.98- 10.04	114523	24	4.0	
1226 11.0	(MK)[OM441.989]	02.93-	110895	28	55	02.93-	110206	24	5.4	
		02.93- 09.96	113920	28	35	02.93- 09.96	113855	24	5.4	
1226 15.1	(MK)[OM442.907]	02.90- 09.93	110895	28	55	02.90- 09.93	113855	24	5.4	
		02.90- 09.93	112159	28	80	02.90- 09.93	110206	24	5.4	
		02.90- 09.93	113920	28	35					
	[OM442.914]	02.90- 09.93	110895	28	55	02.90- 09.93	113855	24	5.4	
		02.90- 09.93	112159	28	80	02.90- 09.93	110206	24	5.4	
		02.90- 09.93	113920	28	35					
	[OM442.920]	02.90- 09.93	110895	28	55	02.90- 09.93	110206	24	5.4	
		02.90- 09.93	112159	28	80	02.90- 09.93	113855	24	5.4	
	[OM442.926]	02.90- 09.93	110895	28	55	02.90- 09.93	113855	24	5.4	
		02.90- 09.93	113920	28	35	02.90- 09.93	110206	24	5.4	
	[OM442.932]	02.90- 09.93	110895	28	55	02.90- 09.93	113855	24	5.4	
		02.90- 09.93	113920	28	35	02.90- 09.93	110206	24	5.4	
	[OM442.933]	02.90- 09.93	110895	28	55	02.90- 09.93	113855	24	5.4	
		02.90- 09.93	112159	28	80	02.90- 09.93	110206	24	5.4	
	1226 6.4	(Atego 2)[OM902.917]	10.04-	113351	28	100	10.04-	111982	24	4.0
							10.04-	114523	24	4.0
	1226 9.6	(MK)[OM401.973]	02.93-	110895	28	55	02.93- 09.96	113855	24	5.4
		02.93- 09.96	113920	28	35	02.93-	110206	24	5.4	
[OM401.978]		02.93-	110895	28	55	02.93- 09.96	113855	24	5.4	
		02.93- 09.96	113920	28	35	02.93-	110206	24	5.4	
[OM401.984]		02.93-	110895	28	55	02.93- 09.96	113855	24	5.4	
		02.93- 09.96	113920	28	35	02.93-	110206	24	5.4	
[OM401.989]	02.93-	110895	28	55	02.93- 09.96	113855	24	5.4		
	02.93- 09.96	113920	28	35	02.93-	110206	24	5.4		
1227 11.0	(MK)[OM445.933]	01.92- 07.92	110895	28	55	01.92- 07.92	113855	24	5.4	
1227 9.6	(MK)[OM401.973]	01.92- 07.92	110895	28	55	01.92- 07.92	110206	24	5.4	
		01.92- 07.92	113920	28	35					
[OM401.989]	01.92- 07.92	110895	28	55	01.92- 07.92	110206	24	5.4		
		01.92- 07.92	113920	28	35	01.92- 07.92	113855	24	5.4	
1228 6.4	(Atego)[OM906.911]	01.98- 01.01	112561	28	80	01.98- 01.01	111982	24	4.0	
		01.98- 01.01	113448	28	100	01.98- 10.04	114523	24	4.0	
	(Atego 2)[OM902.918]					10.04-	114523	24	4.0	
	[OM906.911]					10.04-	114523	24	4.0	
[OM906.916]					10.04-	114523	24	4.0		
1229 6.4	(Atego 2)[OM902.918]					10.04-	114523	24	4.0	
[OM906.911]					10.04-	114523	24	4.0		
[OM906.916]					10.04-	114523	24	4.0		

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MERCEDES-BENZ Continued**

**Application list**

1231 9.6	(MK)[OM401.986]	01.92- 09.96	110895	28	55				
		01.92- 09.96	113920	28	35				
1234 11.0	(MK)[OM441.989]	01.92- 09.96	110895	28	55	01.92- 09.96	110206	24	5.4
		01.92- 09.96	113920	28	35	01.92- 09.96	113855	24	5.4
	[OM441.993]	01.92- 09.96	110895	28	55	01.92- 06.96	113855	24	5.4
		01.92- 09.96	113920	28	35	01.92- 06.96	110206	24	5.4
	[OM445.923]	01.92- 09.96	110895	28	55	01.92- 09.96	113855	24	5.4
		01.92- 09.96	112159	28	80	01.92- 09.96	110206	24	5.4
		01.94- 09.96	113920	28	35				
	[OM445.933]	01.92- 09.96	110895	28	55	01.92- 09.96	110206	24	5.4
		01.92- 09.96	112159	28	80				
		01.94- 09.96	113920	28	35				
1314 6.0	(LK/LN2)[OM356.908]	12.92- 09.95	113920	28	35	07.84- 09.95	110524	24	4.0
						12.92- 09.95	113979	24	4.0
	[OM356.909]	07.84- 10.86	110113	28	27	07.84- 10.86	110524	24	4.0
		11.86- 02.91	110906	28	30	12.92- 12.99	113979	24	4.0
		12.86- 06.87- 12.92- 12.99	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM356.910]	07.84- 10.86	110113	28	27	07.84- 10.86	110524	24	4.0
		11.86- 02.91	110906	28	30	12.92- 12.99	113979	24	4.0
		12.86- 10.88- 12.92- 12.99	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM366.907]	07.84- 10.86	110113	28	27	07.84- 10.86	110524	24	4.0
		11.86- 02.91	110906	28	30	07.84- 02.93	113979	24	4.0
		12.86- 10.88- 12.92- 12.99	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM366.914]	07.84- 10.86	110113	28	27	07.84- 10.86	110524	24	4.0
		11.86- 02.91	110906	28	30	07.84- 02.93	113979	24	4.0
		12.86- 10.88- 03.91- 02.93	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM366.918]	06.87- 02.91	110895	28	55	06.87- 02.93	110524	24	4.0
		06.87- 02.91	110906	28	30	06.87- 02.93	113979	24	4.0
		06.87- 03.91- 02.93	112159	28	80				
			113920	28	35				
	[OM366.936]	07.84- 02.93	113920	28	35	07.84- 09.95	110524	24	4.0
						07.84- 02.93	113979	24	4.0
	[OM366.937]	06.87- 02.91	110895	28	55	06.87- 02.93	113979	24	4.0
		06.87- 02.91	110906	28	30	06.87- 02.93	110524	24	4.0
		06.87- 03.91- 02.93	112159	28	80				
			113920	28	35				
1317 4.2	(LK/LN2)[OM904.907]	03.96- 12.99	112159	28	80	03.96- 12.98	111982	24	4.0
						12.92- 12.99	114523	24	4.0
1317 4.3	(Atego)[OM900.913]					01.98- 10.04	114523	24	4.0
	[OM904.911]	01.98- 01.01	112561	28	80	01.98- 01.01	111982	24	4.0
		01.98- 01.01	113448	28	100	01.98- 10.04	114523	24	4.0
1317 6.0	(LK/LN2)[OM356.944]	08.84- 10.86	110113	28	27	08.84- 10.86	110524	24	4.0
		10.86- 02.91	110906	28	30	12.92- 12.99	113979	24	4.0
		12.86- 10.88- 12.92- 12.99	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM356.945]	12.92- 12.99	110895	28	55	12.92- 12.99	113979	24	4.0
		12.92- 12.99	112159	28	80	12.92- 12.99	110524	24	4.0
		12.92- 12.99	113920	28	35				
	[OM356.995]	12.92- 12.98	113920	28	35	12.92- 12.98	110524	24	4.0
						12.92- 12.98	113979	24	4.0
	[OM357.902]	07.84- 10.86	110113	28	27	07.84- 10.86	113979	24	4.0
		11.86- 02.91	110906	28	30	07.84- 10.86	110524	24	4.0
		12.86- 10.88- 03.94- 12.99	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM357.903]	03.94- 12.98	110895	28	55	03.94- 12.98	113979	24	4.0
		03.94- 12.98	112159	28	80	03.94- 12.98	110524	24	4.0
		03.94- 12.98	113920	28	35				
	[OM357.907]	03.94- 12.99	110895	28	55	03.94- 12.99	113979	24	4.0
		03.94- 12.99	112159	28	80	03.94- 12.99	110524	24	4.0
		03.94- 12.99	113920	28	35				
	[OM357.961]	07.84- 10.86	110113	28	27	08.84- 12.98	113979	24	4.0
		11.86- 02.91	110906	28	30	07.84- 10.86	110524	24	4.0
		12.86- 10.88- 03.94- 12.98	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM357.962]	03.94- 12.98	110895	28	55	03.94- 12.98	113979	24	4.0
		03.94- 12.98	112159	28	80	03.94- 12.98	110524	24	4.0
		03.94- 12.98	113920	28	35				
	[OM366.944]	08.84- 10.86	110113	28	27	08.84- 10.86	110524	24	4.0
		08.84- 02.93	113920	28	35	08.84- 02.93	113979	24	4.0
		11.86- 02.91	110906	28	30				
		12.86- 10.88- 03.94- 12.99	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM366.946]	08.84- 10.86	110113	28	27	08.84- 10.86	110524	24	4.0
		11.86- 02.91	110906	28	30	08.84- 02.93	113979	24	4.0
		12.86- 10.88- 03.91- 02.93	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM366.953]	08.84- 10.86	110113	28	27	08.84- 10.86	110524	24	4.0
		08.84- 02.93	111628	28	30	08.84- 02.93	113979	24	4.0
		11.86- 02.91	110906	28	30				
		12.86- 10.88- 03.91- 02.93	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM366.962]	07.84- 10.86	110113	28	27	07.84- 10.86	110524	24	4.0
		07.84- 12.98	113920	28	35	07.84- 12.98	113979	24	4.0
		08.84- 02.93	111628	28	30				
		11.86- 02.91	110906	28	30				
		12.86- 10.88- 03.91- 02.93	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM366.966]	06.87- 02.93	110895	28	55	06.87- 02.97	113979	24	4.0
		06.87- 02.91	110906	28	30	06.87- 02.93	110524	24	4.0
		06.87- 02.93	113920	28	35				
		10.88- 02.93	112159	28	80				
1318 4.2	(Atego 2)[OM900.913]					10.04- 10.04	114523	24	4.0
1318 4.3	(Atego)[OM900.913]					01.98- 10.04	114523	24	4.0
	[OM904.911]					01.98- 10.04	114523	24	4.0
	(Atego 2)[OM900.913]	10.04- 10.04	113351	28	100	10.04- 10.04	111982	24	4.0
						10.04- 10.04	114523	24	4.0
1320 6.0	(LK/LN2)[OM356.983]	12.92- 12.99	110895	28	55	12.92- 12.99	110524	24	4.0
		12.92- 12.99	112159	28	80	12.92- 12.98	113979	24	4.0
		12.92- 12.99	113920	28	35				
	[OM356.992]	10.84- 10.86	110113	28	27	12.92- 12.99	113979	24	4.0
		11.86- 02.91	110906	28	30	10.84- 10.86	110524	24	4.0
		12.86- 10.88- 12.92- 12.99	110895	28	55				
			112159	28	80				
			113920	28	35				
	[OM356.995]	12.92- 12.98	113920	28	35	12.92- 12.98	110524	24	4.0
	[OM357.921]	10.84- 10.86	110113	28	27	03.94- 12.99	113979	24	4.0
		11.86- 02.91	110906	28	30	10.84- 10.86	110524	24	4.0
		12.86- 10.88- 03.94- 12.99	110895	28	55				
			11215						



	[OM357.932]	10.84-10.86 11.86-02.91 12.86- 10.88- 03.94-12.99	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		10.84- 03.94-12.99	110524 113979	24 24	4.0 4.0
	[OM366.962]	10.84-02.93	113920	28	35		10.84-02.93	110524 113979	24 24	4.0 4.0
	[OM366.966]	03.85-02.93	113920	28	35		10.84-02.93 03.85-02.93	110524 113979	24 24	4.0 4.0
	[OM366.980]	10.84-10.86 10.84-02.93 11.86-02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 28 28 28 28	27 35 30 55 80		10.84-11.10 10.84-02.93	113979 110524	24 24	4.0 4.0
	[OM366.988]	10.84-10.86 11.86-02.91 12.86- 10.88- 03.91-02.93	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		10.84-02.93 10.84-02.93	113979 110524	24 24	4.0 4.0
	[OM366.992]	10.84-10.86 11.86-02.91 12.86- 10.88- 03.91-02.93	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		10.84- 10.84-03.93	110524 113979	24 24	4.0 4.0
	[OM366.997]	10.84-10.86 11.86-02.91 12.86- 10.88- 03.91-02.93	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		10.84-02.93 10.84-08.93	113979 110524	24 24	4.0 4.0
1322 4.8	(Atego 2)[OM924.920]	10.04-	113351	28	100		10.04-	114523	24	4.0
	[OM924.922]						10.04- 06.06- 10.04-	111982 111982 114523	24 24 24	4.0 4.0 4.0
1323 6.4	(Atego)[OM906.910]	01.98-09.04 01.98-09.04	112561 113448	28 28	80 100		01.98-10.04 01.98-09.04	114523 111982	24 24	4.0 4.0
	[OM906.915]	01.98-09.04 01.98-09.04	112561 113448	28 28	80 100		01.98-09.04 01.98-09.04	114523 111982	24 24	4.0 4.0
	(Atego 2)[OM902.916]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM906.910]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM906.915]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
1324 6.0	(LK/LN2)[OM356.983]	01.91- 01.91-02.91 01.91- 03.91-02.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		01.91-02.01 01.91-08.93	113979 110524	24 24	4.0 4.0
	[OM357.940]	01.91- 01.91-02.91 01.91- 03.94-12.98 03.94-12.98	110895 110906 112159 111628 113920	28 28 28 28 28	55 30 80 35		03.94-12.98 01.91-	113979 110524	24 24	4.0 4.0
	[OM357.948]	01.91- 01.91-02.91 01.91- 03.94- 03.94-12.98	110895 110906 112159 111628 113920	28 28 28 28 28	55 30 80 35		03.94-12.98 01.91-	113979 110524	24 24	4.0 4.0
	[OM366.997]	01.91- 01.91-02.01	110895 113920	28 28	55 35		01.91-02.01 01.91-02.01	110524 113979	24 24	4.0 4.0
	[OM366.999]	01.91- 01.91-02.91 01.91- 01.91-02.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		01.91- 01.91-02.01	110524 113979	24 24	4.0 4.0
1324 6.4	(Atego 2)[OM902.916]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM906.910]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
	[OM906.915]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
1325 6.4	(Atego)[OM906.919]	01.98-01.01 01.98-01.01	112561 113448	28 28	80 100		01.98-01.01 01.98-10.04	111982 114523	24 24	4.0 4.0
1326 6.4	(Atego 2)[OM902.917]	10.04-	113351	28	100		10.04- 10.04-	111982 114523	24 24	4.0 4.0
1328 6.4	(Atego)[OM906.911]	01.98-01.01 01.98-01.01	112561 113448	28 28	80 100		10.04- 01.98-10.04	111982 114523	24 24	4.0 4.0
	(Atego 2)[OM902.918]	10.04- 10.04- 10.04-	112561 113351 113448	28 28 28	80 100 100		10.04-	114523	24	4.0
	[OM906.911]	10.04- 10.04- 10.04-	112561 113351 113448	28 28 28	80 100 100		10.04-	114523	24	4.0
	[OM906.916]	10.04- 10.04- 10.04-	112561 113351 113448	28 28 28	80 100 100		10.04-	114523	24	4.0
1329 6.4	(Atego 2)[OM902.918]	10.04- 10.04- 10.04-	112561 113351 113448	28 28 28	80 100 100		10.04- 02.06-	114523 111982	24 24	4.0 4.0
	[OM906.911]	10.04- 10.04- 10.04-	112561 113351 113448	28 28 28	80 100 100		10.04-	114523	24	4.0
	[OM906.916]	10.04- 10.04- 10.04-	112561 113351 113448	28 28 28	80 100 100		10.04-	114523	24	4.0
1413 5.7	(NG)[OM353.944]	09.75-12.84	111141	14	55		09.75-12.84	110525	12	3.0
	[OM353.946]	09.75-12.84	111141	14	55		09.75-12.84	110525	12	3.0
	[OM353.964]	09.75-12.84	111141	14	55		09.75-12.84	110525	12	3.0
1414 6.0	(NG)[OM366.906]	04.84-03.91 11.86-03.91 12.86-03.91 10.88-03.91 02.91-03.91	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		04.84-03.91	110524	24	4.0
	[OM366.909]	04.84-10.86 11.86-03.91 12.86-03.91 10.88-03.91 02.91-03.91	110113 110906 110895 112159 113920	28 28 28 28 28	27 30 55 80 35		04.84-03.91	110524	24	4.0
1417 5.8	(NC)[OM353.951]	05.75-12.84	111141	14	55		05.75-12.84	110525	12	3.0
	[OM353.953]	05.75-12.84	111141	14	55		05.75-12.84	110525	12	3.0
	[OM353.971]	05.75-12.84	111141	14	55		05.75-12.84	110525	12	3.0
1417 6.0	(MK)[OM356.940]	07.89- 07.89-09.96 06.91-	110895 113920 112159	28 28 28	55 35 80		07.89-09.96	110524	24	4.0
	[OM356.943]	07.89- 09.89-02.91 09.89- 07.92-09.96	110895 110906 112159 113920	28 28 28 28	55 30 80 35		07.89- 07.92-09.06 09.89-09.96	110524 113979 112315	24 24 24	4.0 4.0 4.0
	[OM357.915]	07.89- 09.89-02.91 06.91- 01.94-09.96	110895 110906 112159 113920	28 28 28 28	55 30 80 35		07.89- 01.94-09.96	110524 113979	24 24	4.0 4.0
	[OM366.952]	07.89- 07.89-02.91 07.89- 03.91-07.92	110895 110906 112159 113920	28 28 28 28	55 30 80 35		07.89- 07.89-07.92	110524 113979	24 24	4.0 4.0





MERCEDES-BENZ Continued

Application list

	(NG)[OM366.951]	04.84- 10.86 11.86- 03.91 12.86- 03.91 10.88- 03.91	110113 110906 110895 112159	28 28 28 28	27 30 55 80		04.84- 03.91	110524	24	4.0
	[OM366.952]	04.84- 10.86 11.86- 03.91 12.86- 03.91 10.88- 03.91	110113 110906 110895 112159	28 28 28 28	27 30 55 80		04.84- 03.91	110524	24	4.0
1419 5.7	(NG)[OM362.906]	05.83- 06.85	110113	28	27		05.83- 06.85	110524	24	4.0
	[OM362.909]	05.83- 06.85	110113	28	27		05.83- 06.85	110524	24	4.0
1419 9.6	(NG)[OM401.905]	03.78- 12.84	111141	14	55		05.75- 02.77 03.77- 12.84 08.73- 09.96 08.73- 09.96	110210 110206 112120 113855	24 24 24 24	6.6 5.4 6.6 5.4
	[OM401.914]	04.81- 12.82	111141	14	55		08.73- 09.96 03.77- 12.82 05.75- 02.77 08.73- 09.96	112120 110206 110210 113855	24 24 24 24	6.6 5.4 6.6 5.4
1420 10.9	(NG)[OM421.905]	05.82- 10.86 11.86- 10.90 11.86- 10.90	110113 110895 110906	28 28 28	27 55 30		05.82- 10.90 08.73- 09.96	110206 113855	24 24	5.4 5.4
1420 11.0	(MK)[OM441.905]	09.89- 09.96	113920	28	35					
	[OM441.923]	09.89- 09.96	113920	28	35					
1420 6.0	(MK)[OM356.984]	02.90- 06.93 02.90- 02.91 02.90- 06.93 03.91- 06.93	110895 110906 112159 113920	28 28 28 28	55 30 80 35		02.90-	110524	24	4.0
	[OM356.987]	09.89- 09.96 08.94-	113920 110895	28 28	35 55		09.89- 09.96	110524	24	4.0
	(NG)[OM366.983]	07.85- 10.86 07.85- 03.91 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 113920 110895 110906 112159	28 28 28 28 28	27 35 55 30 80		07.85- 03.91	110524	24	4.0
1422 10.9	(NG)[OM401.905]	05.82- 05.85 06.86- 10.90 10.88- 10.90	110113 113920 112159	28 28 28	27 35 80		05.82- 10.90	110206	24	5.4
	[OM421.906]	05.82- 10.90 10.88- 10.90	110895 112159	28 28	55 80		05.82- 10.90 05.82- 10.90	113855 110206	24 24	5.4 5.4
1422 11.3	(MK)[OM441.905]	06.89- 08.94 06.89- 02.91 06.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		06.89- 08.94 12.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM441.913]	07.89- 09.93 07.89- 09.93	110895 112159	28 28	55 80		07.89- 09.93 07.89- 09.93	113855 110206	24 24	5.4 5.4
	[OM441.923]	06.89- 08.94 06.89- 02.91 06.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		12.87- 09.96 06.89- 08.94	113855 110206	24 24	5.4 5.4
	[OM441.925]	07.89- 09.93 07.89- 09.93	110895 112159	28 28	55 80		07.89- 09.93 07.89- 09.93	113855 110206	24 24	5.4 5.4
1422 6.0	(MK)[OM356.999]	03.93- 08.94	110895	28	55		03.93- 08.94	110524	24	4.0
1422 9.6	(MK)[OM401.973]	02.93- 08.94	113920	28	35		02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94	110206 113855 110206 113855 110206 113855 110206	24 24 24 24 24 24 24	5.4 5.4 5.4 5.4 5.4 5.4 5.4
	[OM401.975]	02.93- 08.94	113920	28	35		02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94	110206 113855 110206 113855 110206 113855	24 24 24 24 24 24	5.4 5.4 5.4 5.4 5.4 5.4
	[OM401.977]	02.93- 08.94	113920	28	35		02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94	113855 110206 113855 110206 113855 110206	24 24 24 24 24 24	5.4 5.4 5.4 5.4 5.4 5.4
	[OM401.978]	02.93- 08.94	113920	28	35		02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94	110206 113855 110206 113855 110206 113855	24 24 24 24 24 24	5.4 5.4 5.4 5.4 5.4 5.4
	[OM401.979]	02.93- 08.94	113920	28	35		02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94 02.93- 08.94	110206 113855 110206 113855 110206 113855	24 24 24 24 24 24	5.4 5.4 5.4 5.4 5.4 5.4
1424 11.0	(MK)[OM445.924]	01.95- 01.95-	110895 112159	28 28	55 80		12.87- 09.96 01.95-	113855 110206	24 24	5.4 5.4
	[OM445.926]	01.95- 01.95-	110895 112159	28 28	55 80		01.95- 12.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM445.938]	01.95- 01.95-	110895 112159	28 28	55 80		01.95- 12.87- 09.96	110206 113855	24 24	5.4 5.4
1424 12.8	(NG)[OM402.910]	11.79- 01.87	111141	14	55		12.87- 09.96 08.73- 09.96 03.77- 01.87 05.75- 02.77 08.73- 09.96	113855 112120 110206 110210 113855	24 24 24 24 24	6.6 6.6 5.4 6.6 5.4
	[OM402.911]	11.79- 01.87	111141	14	55		03.77- 01.87 05.75- 02.77 07.75- 01.87 08.73- 09.96	110206 110210 112120 113855	24 24 24 24	5.4 6.6 6.6 5.4
	[OM402.919]						03.77- 01.87 07.75- 02.77 07.75- 01.87 07.75- 01.87	110206 110210 112120 113855	24 24 24 24	5.4 6.6 6.6 5.4
1424 6.0	(MK)[OM357.946]	07.89- 09.96	110895	28	55		07.89- 09.96 02.92- 09.96	110524 113979	24 24	4.0 4.0
1424 9.6	(MK)[OM401.973]	02.93- 02.93- 02.93- 09.96	110895 112159 113920	28 28 28	55 80 35		02.93- 12.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM401.975]	02.93- 02.93- 02.93- 09.96	110895 112159 113920	28 28 28	55 80 35		12.87- 09.96 02.93-	113855 110206	24 24	5.4 5.4
	[OM401.994]	02.93- 02.93- 02.93- 09.96	110895 112159 113920	28 28 28	55 80 35		02.93- 12.87- 09.96	110206 113855	24 24	5.4 5.4
1425 14.6	(NG)[OM422.909]	11.82- 10.86 11.86- 09.96 11.86- 03.91 10.88- 03.91 03.91- 09.96	110113 110895 110906 112159 113920	28 28 28 28 28	27 55 30 80 35		08.87- 09.96 11.82- 09.96 08.73- 09.96 11.82- 09.96	113855 110206 112120 110210	24 24 24 24	5.4 5.4 6.6 6.6
1426 15.1	(MK)[OM442.914]	06.89- 09.93 06.89- 02.91 06.89- 09.93 03.91- 09.93	110895 110906 112159 113920	28 28 28 28	55 30 80 35		12.87- 09.96 06.89- 09.93	113855 110206	24 24	5.4 5.4
	[OM442.932]	06.89- 09.93 06.89- 02.91 06.89- 09.93 03.91- 09.93	110895 110906 112159 113920	28 28 28 28	55 30 80 35		12.87- 09.96 06.89- 09.93	113855 110206	24 24	5.4 5.4
1427 3.0	(MK)[OM401.985]	02.93- 02.93-	110895 112159	28 28	55 80		02.93- 02.93- 09.96	110206 113855	24 24	5.4 5.4
1427 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28	35		12.87- 09.96	110206	24	5.4
	[OM401.991]	02.93- 02.93-	110895 112159	28 28	55 80		02.93- 02.93- 09.96	110206 113855	24 24	5.4 5.4
	[OM445.936]	02.93- 02.93-	110895 112159	28 28	55 80		02.93- 09.96 02.93-	113855 110206	24 24	5.4 5.4
1428 14.6	(NG)[OM422.907]	05.82- 12.91	113920	28	35					
	[OM422.913]	05.82- 09.96 11.86- 11.86- 02.91	113920 110895 110906	28 28 28	35 55 30		08.73- 09.96	110206	24	5.4
1429 15.1	(NG)[OM442.907]	08.73- 09.96	113920	28	35					
1431 15.1	(MK)[OM442.907]	12.87- 08.96	113920	28	35		12.87- 08.96	110206	24	5.4
1431 9.6	(MK)[OM401.979]	12.87- 08.96	113920	28	35		12.87- 08.96	110206	24	5.4
1514 6.0	(LK/LN2)[OM356.908]	01.89- 12.92	110895	28	55		01.89- 11.10 01.89- 12.92	113979 110524	24 24	4.0 4.0
	[OM366.936]	01.89- 12.92 01.89- 01.89- 12.92 01.89- 12.92	110906 110895 112159 113920	28 28 28 28	30 55 80 35		01.89- 11.10 01.89- 12.92	113979 110524	24 24	4.0 4.0



1517 4.2	(Atego)[OM904.911]	01.98-10.04	112561	28	80	01.98-10.04	114523	24	4.0	
		01.98-10.04	113448	28	100	01.98-10.04	111982	24	4.0	
	[OM904.917]	01.98-10.04	112561	28	80	01.98-10.04	114523	24	4.0	
		01.98-10.04	113448	28	100	01.98-10.04	111982	24	4.0	
1517 4.3	(Atego)[OM904.911]	01.98-01.01	112561	28	80	03.96-12.98	111982	24	4.0	
		01.98-01.01	113448	28	100	01.98-01.01	111982	24	4.0	
	(LK/LN2)[OM904.907]	10.88-12.98	110895	28	55	10.88-12.98	113979	24	4.0	
		10.88-12.98	112159	28	80	10.88-12.98	110524	24	4.0	
1517 6.0	(LK/LN2)[OM356.946]	10.88-12.98	110895	28	55	10.88-12.98	113979	24	4.0	
		10.88-12.98	112159	28	80	10.88-12.98	110524	24	4.0	
		10.88-12.98	113920	28	35					
	[OM356.953]	10.88-12.92	110895	28	55	12.92-12.99	113979	24	4.0	
		10.88-12.92	112159	28	80	10.88-12.92	110524	24	4.0	
		12.92-12.99	113920	28	35					
	[OM357.903]	10.88-12.92	110895	28	55	10.88-12.92	110524	24	4.0	
		10.88-12.92	112159	28	80	03.94-12.98	113979	24	4.0	
		03.94-12.98	113920	28	35					
	[OM357.962]	10.88-12.92	110895	28	55	03.94-12.99	113979	24	4.0	
		10.88-12.92	112159	28	80	10.88-12.92	110524	24	4.0	
		03.94-12.99	113920	28	35					
	[OM357.963]	10.88-12.92	110895	28	55	03.94-12.99	113979	24	4.0	
		10.88-12.92	112159	28	80	10.88-12.92	110524	24	4.0	
		03.94-12.99	113920	28	35					
	[OM366.945]	10.88-12.92	110895	28	55	01.89-12.92	113979	24	4.0	
	10.88-12.92	112159	28	80	10.88-12.92	110524	24	4.0		
	01.89-12.92	111628	28	35						
[OM366.979]	10.88-12.92	110895	28	55	01.89-12.92	113979	24	4.0		
	10.88-12.92	112159	28	80	10.88-12.92	110524	24	4.0		
	01.89-12.92	111628	28	35						
	01.89-12.92	113920	28	35						
1518 4.2	(Atego 2)[OM900.913]					02.06-10.04	111982	24	4.0	
						10.04-10.04	114523	24	4.0	
1518 4.3	(Atego 2)[OM900.913]	10.04-	113351	28	100	10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
1520 6.0	(LK/LN2)[OM356.990]	01.89-12.92	110895	28	55	12.92-12.99	113979	24	4.0	
		01.89-12.92	112159	28	80	01.89-	110524	24	4.0	
		12.92-12.99	113920	28	35					
	[OM357.922]	01.89-03.94	110895	28	55	12.92-12.99	113979	24	4.0	
		01.89-03.94	112159	28	80	01.89-	110524	24	4.0	
		03.94-12.99	113920	28	35					
[OM357.930]	01.89-03.94	110895	28	55	01.89-	110524	24	4.0		
	01.89-03.94	112159	28	80	03.94-12.99	113979	24	4.0		
	03.94-12.99	113920	28	35						
[OM366.995]	01.89-01.89	110895	28	55	01.89-12.92	113979	24	4.0		
	01.89-01.89	112159	28	80	01.89-	110524	24	4.0		
	01.89-12.92	113920	28	35						
1522 4.8	(Atego 2)[OM924.920]	10.04-	113351	28	100	10.04-	114523	24	4.0	
		10.04-	113448	28	100	10.04-	111982	24	4.0	
	[OM924.922]					06.06-10.04	111982	24	4.0	
						10.04-	114523	24	4.0	
1523 6.4	(Atego)[OM906.910]	01.98-01.98	112561	28	80	01.98-01.98	114523	24	4.0	
		01.98-01.98	113278	28	100	01.98-01.01	111982	24	4.0	
		01.98-01.98	113351	28	100					
		01.98-01.01	113448	28	100					
	(Atego 2)[OM902.916]	10.04-	113351	28	100	10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
	[OM906.910]	10.04-	113351	28	100	10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
	[OM906.915]	10.04-	113351	28	100	10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
1524 6.0	(LK/LN2)[OM356.999]	02.91-02.91	110895	28	55	02.91-02.01	113979	24	4.0	
		02.91-02.01	112159	28	80	02.91-	110524	24	4.0	
		02.91-02.01	113920	28	35					
	[OM357.941]	02.91-02.91	110895	28	55	02.91-12.98	113979	24	4.0	
		02.91-02.91	112159	28	80	02.91-	110524	24	4.0	
		02.91-12.98	113920	28	35					
	[OM357.947]	02.91-02.91	110895	28	55	02.91-12.98	113979	24	4.0	
		02.91-02.91	112159	28	80	02.91-	110524	24	4.0	
	02.91-12.98	113920	28	35						
[OM366.999]	02.91-02.91	110895	28	55	02.91-	110524	24	4.0		
	02.91-02.01	111628	28	35	02.91-02.01	113979	24	4.0		
	02.91-02.01	112159	28	80						
	02.91-02.01	113920	28	35						
1524 6.4	(Atego 2)[OM902.916]	10.04-	113351	28	100	10.04-	114523	24	4.0	
						10.04-	111982	24	4.0	
	[OM906.910]	10.04-	113351	28	100	10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
	[OM906.915]	10.04-	113351	28	100	10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
1525 6.4	(Atego)[OM906.919]	01.98-01.98	111141	14	55	01.98-01.01	111982	24	4.0	
		01.98-01.01	112561	28	80	01.98-10.04	114523	24	4.0	
		01.98-01.01	113448	28	100					
1526 6.4	(Atego 2)[OM902.917]	10.04-	113351	28	100	10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
1528 6.4	(Atego)[OM906.911]	01.98-01.98	112561	28	80	01.98-10.04	114523	24	4.0	
		01.98-01.98	113448	28	100	01.98-09.04	111982	24	4.0	
	[OM906.916]	01.98-01.98	112561	28	80	01.98-09.04	114523	24	4.0	
		01.98-09.04	113448	28	100	01.98-09.04	111982	24	4.0	
	(Atego 2)[OM902.918]					10.04-	114523	24	4.0	
	[OM906.911]					10.04-	114523	24	4.0	
	[OM906.916]					10.04-	114523	24	4.0	
	(Atego 2)[OM902.918]					10.04-	114523	24	4.0	
						02.06-10.04	111982	24	4.0	
	[OM906.911]					10.04-	114523	24	4.0	
	[OM906.916]					10.04-	114523	24	4.0	
1613 5.7	(NG)[OM353.944]	01.75-01.75	111141	14	55	01.75-12.84	110525	12	3.0	
	[OM353.946]	01.75-01.75	111141	14	55	01.75-12.84	110525	12	3.0	
1614 6.0	(NG)[OM366.906]	04.84-04.84	110113	28	27	04.84-03.91	110524	24	4.0	
		04.84-03.91	110895	28	55					
		11.86-03.91	110906	28	30					
		10.88-03.91	112159	28	80					
	[OM366.909]	04.84-04.84	110113	28	27	04.84-03.91	110524	24	4.0	
		04.84-03.91	112159	28	80					
		04.84-03.91	113920	28	35					
1617 5.7	(NG)[OM353.951]	01.75-01.75	111141	14	55	01.75-07.85	110525	12	3.0	
	[OM353.953]	01.75-01.75	111141	14	55	01.75-07.85	110525	12	3.0	
	[OM353.971]	01.75-01.75	111141	14	55	01.75-07.85	110525	12	3.0	
1617 6.0	(NG)[OM366.951]	04.84-04.84	110113	28	27	04.84-03.91	110524	24	4.0	
		04.84-03.91	113920	28	35					
		11.86-03.91	110895	28	55					
		11.86-03.91	110906	28	30					
		10.88-03.91	112159	28	80					
		[OM366.952]	04.84-04.84	110113	28	27	04.84-03.91	110524	24	4.0
		11.86-03.91	110895	28	55					
		11.86-03.91	110906	28	30					
1619 5.7	(NG)[OM362.906]	06.83-06.83	110113	28	27	06.83-06.85	110524	24	4.0	
	[OM362.909]	06.83-06.83	110113	28	27	06.83-06.85	110524	24	4.0	
1619 9.6	(NG)[OM401.905]	11.74-04.81	110113	28	27	08.73-09.96	112120	24	6.6	
		04.81-01.87	110751	14	35	08.73-09.96	113855	24	5.4	
		04.81-05.87	111141	14	55	03.77-05.87	110206	24	5.4	
		11.86-05.87	110906	28	30	11.74-02.77	110210	24	6.6	
		[OM401.914]	11.74-04.81	110113	28	27	08.73-09.96	113855	24	5.4
			04.81-01.87	110751	14					



MERCEDES-BENZ Continued

Application list

1620 6.0	(NG)[OM366.983]	07.85- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80	27	07.85- 03.91	110524	24 4.0
1622 10.9	(NG)[OM421.905]	05.82- 10.86 11.86- 03.91 11.86- 03.91	110113 110895 110906	28 27 28 55 28 30	27	05.82- 03.91 05.82- 03.91 08.73- 09.96 05.82- 03.91	110210 110206 113855 110550	24 6.6 24 5.4 24 5.4 24 4.0
	[OM441.906]	05.82- 10.86 11.86- 03.91 11.86- 03.91	110113 110895 110906	28 27 28 55 28 30	27	08.73- 09.96 05.82- 03.91 05.82- 03.91	113855 110206 110210	24 5.4 24 5.4 24 6.6
	[OM441.907]	05.82- 10.86 11.86- 03.91 11.86- 03.91	110113 110895 110906	28 27 28 55 28 30	27	05.82- 03.91 05.82- 03.91 08.73- 09.96	110210 110206 113855	24 6.6 24 5.4 24 5.4
1624 11.0	(MK)[OM445.924]	12.87- 09.96	113920	28 35	35	12.87- 09.96	110206	24 5.4
1624 12.8	(NG)[OM402.910]	07.75- 10.79 11.79- 08.82	110113 111141	28 27 14 55	27	03.77- 08.82 07.75- 08.82 07.75- 02.77 07.75- 08.82	110206 112120 110210 113855	24 5.4 24 6.6 24 6.6 24 5.4
	[OM402.911]	11.79- 12.82	111141	14 55	55	08.73- 09.96 03.77- 12.82 05.75- 02.77	112120 110206 110210	24 6.6 24 5.4 24 6.6
	[OM402.923]	05.75- 12.82	111141	14 55	55	08.73- 09.96 03.77- 12.82 05.75- 02.77 08.73- 09.96	112120 110206 110210 113855	24 6.6 24 5.4 24 6.6 24 5.4
1624 9.6	(MK)[OM401.975]	12.87- 09.96	113920	28 35	35	12.87- 09.96	110206	24 5.4
1625 14.6	(NG)[OM422.909]	05.80- 10.86 11.86- 11.89 11.86- 11.89 10.88- 10.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80	27	05.80- 11.89 08.73- 09.96 05.80- 11.89 05.80- 11.89 10.80- 11.89	110206 112120 110210 113855 110550	24 5.4 24 6.6 24 6.6 24 5.4 24 4.0
1626 12.8	(NG)[OM402.906]	08.73- 12.80	110113	28 27	27	08.73- 09.96 03.77- 12.80 08.73- 02.77 08.73- 09.96	112120 110206 110210 113855	24 6.6 24 5.4 24 6.6 24 5.4
	[OM402.912]	05.74- 12.80	110113	28 27	27	05.74- 02.77 03.77- 12.80 08.73- 09.96 08.73- 09.96	110210 110206 112120 113855	24 6.6 24 5.4 24 6.6 24 5.4
	[OM402.916]	05.74- 12.80	110113	28 27	27	08.73- 09.96 03.77- 12.80 05.74- 02.77 08.73- 09.96	112120 110206 110210 113855	24 6.6 24 5.4 24 6.6 24 5.4
1627 15.1	(MK)[OM442.914]	01.92- 09.96	113920	28 35	35	01.92- 09.96	110206	24 5.4
	[OM442.920]					01.92- 09.96	110206	24 5.4
	[OM442.932]	01.92- 09.96	113920	28 35	35	01.92- 08.94	110206	24 5.4
	[OM442.933]					02.90- 09.93	110206	24 5.4
1628 14.6	(NG)[OM422.905]	01.80- 10.86 06.85- 05.89 11.86- 05.89 11.86- 05.89 10.88- 05.89	110113 113920 110895 110906 112159	28 27 28 35 28 55 28 30 28 80	27	08.73- 09.96 01.80- 05.89 01.80- 05.89 08.73- 09.96	112120 110210 110206 113855	24 6.6 24 6.6 24 5.4 24 5.4
	[OM422.906]	01.80- 10.86 06.85- 05.89 11.86- 05.89 11.86- 05.89 10.88- 05.89	110113 113920 110895 110906 112159	28 27 28 35 28 55 28 30 28 80	27	01.80- 05.89 08.73- 09.96 01.80- 05.89 08.73- 09.96	110210 112120 110206 113855	24 6.6 24 6.6 24 5.4 24 5.4
	[OM422.911]	01.80- 10.86 06.85- 05.89 11.86- 05.89 11.86- 05.89 10.88- 05.89	110113 113920 110895 110906 112159	28 27 28 35 28 55 28 30 28 80	27	01.80- 05.89 08.73- 09.96 01.80- 05.89 08.73- 09.96	110210 113855 112120 110206 110550	24 6.6 24 5.4 24 6.6 24 5.4 24 4.0
	[OM422.913]	01.80- 10.86 11.86- 05.89 11.86- 05.89	110113 110895 110906	28 27 28 55 28 30	27	05.83- 05.89 08.73- 09.96 01.80- 05.89	110210 112120 110206	24 6.6 24 6.6 24 5.4
1632 15.9	(NG)[OM403.916]	03.78- 09.83	110113	28 27	27	08.73- 09.83 08.73- 09.96 08.73- 09.96	110210 112120 113855	24 6.6 24 6.6 24 5.4
	[OM403.931]	05.74- 09.83	110113	28 27	27	05.74- 09.83 08.73- 09.96 08.73- 09.96	110210 112120 113855	24 6.6 24 6.6 24 5.4
	[OM403.932]	05.74- 09.83	110113	28 27	27	05.74- 09.83 08.73- 09.96 08.73- 09.96	110210 112120 113855	24 6.6 24 6.6 24 5.4
1633 14.6	(NG)[OM422.952]	10.80- 10.86 11.86- 05.87 11.86- 05.87	110113 110895 110906	28 27 28 55 28 30	27	10.80- 05.87 08.73- 09.96 08.73- 09.96	110210 112120 113855	24 6.6 24 6.6 24 5.4
	[OM422.954]	10.80- 10.86 11.86- 05.87 11.86- 05.87	110113 110895 110906	28 27 28 55 28 30	27	10.80- 05.87 08.73- 09.96 10.80- 05.87	110550 112120 110210 113855 110550	24 4.0 24 6.6 24 6.6 24 5.4 24 4.0
	[OM422.956]	10.80- 10.86 11.86- 05.87 11.86- 05.87	110113 110895 110906	28 27 28 55 28 30	27	08.73- 09.96 08.73- 09.96 10.80- 05.87	113855 112120 110210	24 5.4 24 6.6 24 6.6
	[OM422.957]	10.80- 10.86 11.86- 05.87 11.86- 05.87	110113 110895 110906	28 27 28 55 28 30	27	10.80- 05.87 08.73- 09.96 08.73- 09.96	110550 110210 112120 113855	24 4.0 24 6.6 24 6.6 24 5.4
	[OM422.958]	10.80- 10.86 11.86- 05.87 11.86- 05.87	110113 110895 110906	28 27 28 55 28 30	27	10.80- 05.87 08.73- 09.96 08.73- 09.96	110210 112120 113855	24 6.6 24 6.6 24 5.4
1635 14.6	(NG)[OM442.950]	02.86- 10.86 11.86- 07.89 11.86- 07.89 10.88- 07.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80	27	02.86- 07.89 08.73- 09.96	110206 113855	24 5.4 24 5.4
	[OM442.952]	02.86- 10.86 11.86- 07.89 11.86- 07.89 10.88- 07.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80	27	02.86- 07.89 08.73- 09.96	110206 113855	24 5.4 24 5.4
1636 18.3	(NG)[OM423.905]	12.83- 10.86 11.86- 03.91 11.86- 03.91	110113 110895 110906	28 27 28 55 28 30	27	12.83- 03.91 08.73- 09.96 08.73- 09.96	110210 112120 113855	24 6.6 24 6.6 24 5.4
	[OM423.908]	12.83- 10.86 11.86- 03.91 11.86- 03.91	110113 110895 110906	28 27 28 55 28 30	27	09.84- 03.91 08.73- 09.96 12.83- 03.91 08.73- 09.96	110550 112120 110210 113855	24 4.0 24 6.6 24 6.6 24 5.4
1638 14.6	(NG)[OM422.953]	11.80- 10.86 11.86- 12.86 11.86- 12.86	110113 110895 110906	28 27 28 55 28 30	27	08.73- 09.96 11.80- 12.86 08.73- 09.96	112120 110210 113855	24 6.6 24 6.6 24 5.4
	[OM422.955]	11.80- 10.86 11.86- 12.86 11.86- 12.86	110113 110895 110906	28 27 28 55 28 30	27	08.73- 09.96 11.80- 12.86 08.73- 09.96	112120 110210 113855	24 6.6 24 6.6 24 5.4
	[OM422.959]	11.80- 10.86 11.86- 12.86 11.86- 12.86	110113 110895 110906	28 27 28 55 28 30	27	08.73- 09.96 08.73- 09.96 11.80- 12.86 11.80- 12.86	113855 112120 110210 110550	24 5.4 24 6.6 24 6.6 24 4.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



1644 14.6	(NG)[OM442.951]	06.86-10.88	110113	28	27	06.86-08.89	110210	24	6.6	
		11.86-08.89	110895	28	55	08.73-09.96	113855	24	5.4	
		11.86-08.89	110906	28	30	06.86-08.89	110206	24	5.4	
		10.88-08.89	112159	28	80					
	[OM442.953]	06.86-10.86	110113	28	27	06.86-08.89	110206	24	5.4	
		11.86-08.89	110895	28	55	06.86-08.89	110210	24	6.6	
		11.86-08.89	110906	28	30	08.73-09.96	113855	24	5.4	
		10.88-08.89	112159	28	80					
	[OM442.980]	06.86-10.86	110113	28	27	08.73-09.96	113855	24	5.4	
		11.86-08.89	110895	28	55	06.86-08.89	110206	24	5.4	
		11.86-08.89	110906	28	30	06.86-08.89	110210	24	6.6	
		10.88-08.89	112159	28	80					
1717 6.0	(MK)[OM356.940]	09.89-08.94	110895	28	55	09.89-08.94	110524	24	4.0	
		09.89-02.91	110906	28	30					
		09.89-08.94	112159	28	80					
		03.91-08.94	113920	28	35					
	[OM366.952]	09.89-08.94	110895	28	55	09.89-08.94	110524	24	4.0	
		09.89-02.91	110906	28	30					
		09.89-08.94	112159	28	80					
		03.91-08.94	113920	28	35					
1719 9.6	(NG)[OM401.909]	09.73-08.82	110113	28	27	09.73-08.82	112120	24	6.6	
						03.77-08.82	110206	24	5.4	
						09.73-02.77	110210	24	6.6	
						09.73-08.32	113855	24	5.4	
	[OM401.916]	09.73-08.82	110113	28	27	09.73-02.77	110210	24	6.6	
						03.77-08.82	110206	24	5.4	
						09.73-08.82	112120	24	6.6	
						09.73-08.82	113855	24	5.4	
1720 11.3	(MK)[OM441.916]	12.88-08.94	113920	28	35					
		12.88-08.94	113920	28	35					
		12.88-08.94	113920	28	35					
1720 6.0	(LK/LN2)[OM366.995]	01.84-12.98	110895	28	55	01.84-12.98	113979	24	4.0	
		01.84-12.98	111833	28	140	01.84-12.98	110524	24	4.0	
		01.84-12.98	112159	28	80					
		01.84-12.98	113920	28	35					
	(MK)[OM356.984]	02.90-08.94	110895	28	55	02.90-08.94	110524	24	4.0	
		02.90-02.91	110906	28	30					
		02.90-08.94	112159	28	80					
		03.91-08.94	113920	28	35					
	[OM356.985]	02.90-08.94	110895	28	55	02.90-	110524	24	4.0	
		02.90-02.91	110906	28	30					
		02.90-08.94	112159	28	80					
		03.91-09.96	113920	28	35					
[OM366.983]	02.90-08.94	110895	28	55						
	02.90-02.91	110906	28	30						
	02.90-08.94	112159	28	80						
	03.91-09.96	113920	28	35						
1722 11.0	(MK)[OM441.905]	08.88-08.94	113920	28	35	08.88-08.94	110206	24	5.4	
		08.88-08.94	113920	28	35	08.88-08.94	110206	24	5.4	
1722 11.3	(MK)[OM441.905]	12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.87-09.96	113855	24	5.4	
		12.88-08.94	112159	28	80					
	[OM441.913]	12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.87-09.96	113855	24	5.4	
		12.88-08.94	112159	28	80					
	[OM441.914]	12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.87-09.96	113855	24	5.4	
		12.88-08.94	112159	28	80					
	[OM441.916]	12.88-08.94	110895	28	55	12.87-09.96	113855	24	5.4	
		12.88-03.91	110906	28	30	12.88-08.94	110206	24	5.4	
		12.88-08.94	112159	28	80					
	[OM441.920]	08.88-08.94	113920	28	35	08.88-08.94	110206	24	5.4	
		12.88-08.94	110895	28	55	12.87-09.96	113855	24	5.4	
		12.88-02.91	110906	28	30					
	[OM441.923]	12.88-08.94	112159	28	80					
		12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.87-09.96	113855	24	5.4	
	[OM441.926]	12.88-08.94	112159	28	80					
		03.91-08.94	113920	28	35	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.88-08.94	113855	24	5.4	
	[OM441.932]	12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.87-09.96	113855	24	5.4	
		12.88-08.94	112159	28	80					
	[OM441.933]	03.91-08.94	113920	28	35					
		12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.88-08.94	113855	24	5.4	
	1722 15.1	(MK)[OM442.907]	12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4
			12.88-02.91	110906	28	30	12.88-08.94	113855	24	5.4
			12.88-08.94	112159	28	80				
	1722 6.0	(MK)[OM356.999]	03.91-08.94	113920	28	35				
			12.88-08.94	110895	28	55	12.88-08.94	110524	24	4.0
			12.88-02.91	110906	28	30				
			12.88-08.94	112159	28	80				
		[OM366.983]	03.91-08.94	113920	28	35				
			12.88-08.94	110895	28	55	12.88-08.94	110524	24	4.0
12.88-02.91			110906	28	30					
12.88-08.94			112159	28	80					
[OM401.973]		03.91-08.94	113920	28	35					
		12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.88-08.94	113855	24	5.4	
1722 9.6		[OM401.978]	12.88-08.94	110895	28	55	12.88-08.94	113855	24	5.4
	12.88-02.91		110906	28	30	12.88-08.94	110206	24	5.4	
	12.88-08.94		112159	28	80					
	[OM401.979]	03.91-08.94	113920	28	35					
		12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.88-08.94	113855	24	5.4	
	1724 6.0	(LK/LN2)[OM366.999]	03.91-08.94	113920	28	35				
			11.86-12.98	110895	28	55	02.92-12.98	113979	24	4.0
			01.91-02.01	111628	28	30	01.84-12.98	110524	24	4.0
	1726 11.0	(MK)[OM441.960]	03.91-12.98	113920	28	35				
			12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4
			12.88-02.91	110906	28	30	12.88-08.94	113855	24	5.4
12.88-08.94			112159	28	80					
03.91-08.94			113920	28	35					
1726 15.1	(MK)[OM440.909]	12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.88-08.94	113855	24	5.4	
		12.88-08.94	112159	28	80					
		03.91-08.94	113920	28	35					
	[OM442.906]	12.88-08.94	110895	28	55	12.88-08.94	110206	24	5.4	
		12.88-02.91	110906	28	30	12.87-09.96	113855	24	5.4	
		12.88-08.94	112159	28	80					
		03.91-08.94	113920	28	35					









**MERCEDES-BENZ** Continued

**Application list**

1828 6.4	(Atego)[OM906.921]	05.98- 09.04	112561	28	80	05.98- 01.01	111982	24	4.0	
		05.98- 09.04	113448	28	100	05.98- 09.04	114523	24	4.0	
	[OM906.923]	05.98- 01.01	112561	28	80	05.98- 09.04	114523	24	4.0	
		05.98- 01.01	113448	28	100	05.98- 01.01	111982	24	4.0	
	(Axor)[OM902.915]					10.04-	114523	24	4.0	
	[OM902.932]					10.04-	114523	24	4.0	
	[OM906.921]	01.02- 08.06	112561	28	80	10.04-	114523	24	4.0	
		01.02- 08.06	113448	28	100					
	[OM906.923]					10.04-	114523	24	4.0	
	[OM906.926]	09.00-	112561	28	80	10.04-	114523	24	4.0	
	[OM906.928]					10.04-	114523	24	4.0	
	(Econic)[OM906.941]	03.98- 01.01	112561	28	80	03.98-	114523	24	4.0	
	03.98- 01.01	113448	28	100	03.98- 01.01	111982	24	4.0		
1828 6.9	(Econic)[M906.900]	10.00-	112561	28	80	10.00-	114523	24	4.0	
		10.00-	113448	28	100	10.00-	111982	24	4.0	
1828 7.2	(Econic)[M902.900]						111982	24	4.0	
	[M902.903]						114523	24	4.0	
							111982	24	4.0	
							114523	24	4.0	
1829 6.4	(Axor)[OM902.915]					10.04-	114523	24	4.0	
	[OM902.932]					10.04-	114523	24	4.0	
	[OM906.921]					10.04-	114523	24	4.0	
	[OM906.923]					10.04-	114523	24	4.0	
	[OM906.926]					10.04-	114523	24	4.0	
	[OM906.928]					10.04-	114523	24	4.0	
	(Axor 2)[OM902.915]					10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
1831 11.0	(MK)[OM445.929]	01.94-	110895	28	55	01.94-	110206	24	5.4	
		01.94-	112159	28	80	12.87- 09.96	113855	24	5.4	
	[OM445.937]	01.94-	110895	28	55	01.94-	110206	24	5.4	
		01.94-	112159	28	80	12.87- 09.96	113855	24	5.4	
	(SK)[OM441.986]	07.92-	110895	28	55	07.92- 09.96	113855	24	5.4	
		07.92-	112159	28	80	07.92-	110206	24	5.4	
		07.92- 09.96	113920	28	35					
	[OM441.993]	07.92-	110895	28	55	07.92- 09.96	113855	24	5.4	
		07.92-	112159	28	80	07.92-	110206	24	5.4	
		07.92- 09.96	113920	28	35					
	[OM445.929]	01.94-	110895	28	55	07.87- 09.96	113855	24	5.4	
		01.94-	112159	28	80	07.92-	110206	24	5.4	
		01.94-	113351	28	100					
		01.94-	113448	28	100					
	[OM445.930]	01.94-	110895	28	55	01.94- 09.96	113855	24	5.4	
		01.94-	112159	28	80	01.94-	110206	24	5.4	
	[OM445.937]	01.94-	110895	28	55	07.87- 09.96	113855	24	5.4	
		01.94-	112159	28	80	07.92-	110206	24	5.4	
	1831 11.9	(Actros)[OM541.920]	09.96-	112561	28	80	04.96- 10.02	113851	24	
			09.96-	113278			AC 09.96-	112107		
			09.96- 09.03	113351	28	100	04.96- 10.02	111771	24	6.2
		09.96- 09.03	113448	28	100	04.96- 10.02	113609	24	6.2	
[OM541.926]		04.97-	112561	28	80	04.97- 10.02	113851	24		
		04.97-	113278			AC 04.97- 10.02	113609	24	6.2	
		04.97-	113351	28	100	AC 04.97-	112107			
		04.97-	113448	28	100	04.97- 10.02	111771	24	6.2	
1831 12.8	(MK)[OM402.987]	12.88- 08.94	113920	28	35	12.88- 08.94	110206	24	5.4	
1831 9.6	(MK)[OM401.972]	12.90-	110895	28	55	12.90-	110206	24	5.4	
		12.90- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		12.90-	112159	28	80					
		03.91- 02.01	113920	28	35					
	[OM401.979]	12.88- 02.01	113920	28	35	12.88- 08.94	110206	24	5.4	
		12.90-	110895	28	55	12.87- 09.96	113855	24	5.4	
		12.90- 02.91	110906	28	30					
		12.90-	112159	28	80					
		12.90- 02.01	113351	28	100					
		12.90- 02.01	113448	28	100					
	[OM401.993]	12.90-	110895	28	55	12.87- 09.96	113855	24	5.4	
		12.90- 02.91	110906	28	30	12.90-	110206	24	5.4	
		12.90-	112159	28	80					
		03.91- 02.01	113920	28	35					
	(SK)[OM401.972]	12.90- 06.96	110895	28	55	07.87- 09.96	113855	24	5.4	
		12.90- 02.01	112159	28	80	07.92-	110206	24	5.4	
		02.91- 02.01	113920	28	35					
		06.96- 02.01	113351	28	100					
		06.96- 02.01	113448	28	100					
	[OM401.979]	02.91- 02.01	113920	28	35	07.87- 09.96	113855	24	5.4	
		07.92-	110895	28	55	07.92-	110206	24	5.4	
		07.92-	112159	28	80					
	[OM401.986]	05.91-	110895	28	55	05.91- 09.96	113855	24	5.4	
		05.91-	112159	28	80	05.91-	110206	24	5.4	
		05.91- 09.96	113920	28	35					
	[OM401.993]	02.91- 02.01	113920	28	35	07.87- 09.96	113855	24	5.4	
		07.92-	110895	28	55	07.92-	110206	24	5.4	
		07.92-	112159	28	80					
		07.92- 02.01	113351	28	100					
		07.92- 02.01	113448	28	100					
1832 11.9	(Actros)[OM541.940]	04.03-	112561	28	80	04.03-	113851	24		
		04.03-	113278			04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	111771	24	6.2	
		04.03-	113448	28	100					
	[OM541.970]					04.03-	113609	24	6.2	
					04.03-	113851	24			
[OM541.971]					04.03-	113609	24	6.2		
					04.03-	113851	24			
1833 7.2	(Axor)[OM926.913]					10.04-	114523	24	4.0	
	(Axor 2)[OM926.913]					10.04-	111982	24	4.0	
						10.04-	114523	24	4.0	
	(Econic)[OM926.934]					09.06-	111982	24	4.0	
	(Zetros)[OM926.935]					10.07-	114523	24	4.0	
[OM926.936]					09.08-	114523	24	4.0		
1834 11.0	(MK)[OM441.986]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80					
		03.91- 02.01	113920	28	35					
	[OM441.987]	01.91-	110895	28	55	12.87- 09.96	113855	24	5.4	
		01.91- 02.91	110906	28	30	01.91-	110206	24	5.4	
		01.91-	112159	28	80					
		03.91- 09.96	113920	28	35					
	[OM441.989]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80					
		03.91- 02.01	113920	28	35					
	[OM441.991]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80					
		03.91- 02.01	113920	28	35					
	[OM445.920]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80					
		01.94- 01.01	113920	28	35					
	[OM445.921]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80					
	03.94- 09.96	113920	28	35						

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



	[OM445.939]	01.91- 01.91- 02.91 01.91- 01.94- 01.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		01.91- 12.87- 09.96	110206 113855	24 24	5.4 5.4
	(SK)[OM441.986]	10.93- 10.93- 10.93- 09.96	110895 112159 113920	28 28 28	55 80 35		07.87- 09.96 10.93-	113855 110206	24 24	5.4 5.4
	[OM441.989]	07.88- 09.93	113920	28	35					
	[OM441.996]	10.93- 10.93- 10.93- 09.96	110895 112159 113920	28 28 28	55 80 35		10.93- 07.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM445.920]	10.93- 10.93- 01.94- 09.96	110895 112159 113920	28 28 28	55 80 35		07.87- 09.96 10.93-	113855 110206	24 24	5.4 5.4
	[OM445.939]	10.93- 10.93- 01.94- 09.96	110895 112159 113920	28 28 28	55 80 35		07.87- 09.96 10.93-	113855 110206	24 24	5.4 5.4
1835 11.9	(Actros)[OM541.922]	09.96- 09.96- 09.96- 09.96-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		04.96- 10.02 04.96- 10.02 AC 09.96- 04.96- 10.02	111771 113609 112107 113851	24 24 24	6.2 6.2 6.2 24
	[OM541.927]	04.97- 04.97- 04.97- 04.97-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		AC 04.97- 04.97- 10.02 04.97- 10.02 04.97- 10.02	112107 113851 113609 111771	24 24 24 24	6.2 6.2 6.2 6.2
1835 12.0	(Axor)[OM457.937]	01.02- 01.02-	113278 113351	28 28	100 100		01.02- 10.04 01.02-	113851 113609	24 24	6.2 6.2
1836 11.9	(Actros)[OM541.942]	04.03- 04.03- 04.03- 04.03-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		04.03- 04.03- 04.03- 04.03-	111771 113609 113851	24 24 24	6.2 6.2 6.2
	(Actros MP2 / MP3)[OM541.943]	10.04- 10.04- 10.04- 10.04-	112561 113351 113351 113351	28 28 28 28	80 100 100 100					
1836 12.0	(Axor 2)[OM457.937]	10.04-	113351	28	100					
	[OM457.948]	10.04-	113351	28	100					
	[OM457.980]	10.04-	113351	28	100					
1838 12.8	(SK)[OM402.971]	12.90- 08.96 12.90- 02.91 12.90- 02.01 03.91- 02.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		12.90- 02.01 07.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM402.972]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		07.87- 09.96 12.90- 02.01	113855 110206	24 24	5.4 5.4
	[OM402.975]	12.90- 08.96 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		12.90- 02.01 07.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM402.978]	12.92- 12.92- 12.92- 02.01	110895 112159 113920	28 28 28	55 80 35		12.92- 09.96 12.92-	113855 110206	24 24	5.4 5.4
	[OM402.985]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		12.90- 02.01 07.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM402.986]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 28 28 28	55 30 80 35		12.90- 02.01 07.87- 09.96	110206 113855	24 24	5.4 5.4
	[OM402.996]	12.92- 12.92- 12.92- 09.96	110895 112159 113920	28 28 28	55 80 35		12.92- 09.96 12.92-	113855 110206	24 24	5.4 5.4
1838 14.6	(SK)[OM440.978]	12.90- 02.01	113920	28	35		12.90- 02.01	110206	24	5.4
	[OM440.979]	12.92- 09.96	113920	28	35		12.92-	110206	24	5.4
	[OM440.982]	12.92- 09.96	113920	28	35		12.92-	110206	24	5.4
	[OM440.991]	12.90- 02.01	113920	28	35		12.90- 02.01	110206	24	5.4
	[OM446.924]	06.95- 06.95- 06.95-	110895 112159 110895	28 28 28	55 80 55		07.87- 09.96 06.95- 02.01	113855 110206	24 24	5.4 5.4
	[OM446.925]	06.95- 06.95- 01.94- 01.94-	110895 112159 112159 112159	28 28 28 28	55 80 80 80		07.87- 09.96 06.95- 01.94- 01.94-	113855 110206 110206 110206	24 24 24 24	5.4 5.4 5.4 5.4
	[OM446.943]	12.90- 02.01	113920	28	35		12.90- 02.01	110206	24	5.4
1840 11.9	(Actros)[OM541.923]	09.96- 09.03 09.96- 09.96- 09.96-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		AC 09.96- 04.96- 10.02 04.96- 10.02 04.96- 10.02	112107 113609 113851 111771	24 24 24 24	6.2 6.2 6.2 6.2
	[OM541.924]	04.97- 04.97- 04.97- 04.97-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		04.97- 10.02 04.97- 10.02 AC 04.97- 04.97- 10.02	111771 113609 112107 113851	24 24 24	6.2 6.2 6.2 24
1840 12.0	(Axor)[OM457.937]	01.02- 01.02-	113278 113351	28 28	100 100		01.02- 10.04 01.02-	113851 113609	24 24	6.2 6.2
	(Axor 2)[OM457.937]	10.04-	113351	28	100					
	[OM457.948]	10.04-	113351	28	100					
	[OM457.955]	10.04-	113351	28	100					
	[OM457.980]	10.04-	113351	28	100					
1840 12.8	(SK)[OM402.971]	07.91- 07.92 07.91- 07.92 07.91- 07.92	110895 112159 113920	28 28 28	55 80 35		07.91- 07.92 07.91- 07.92	113855 110206	24 24	5.4 5.4
1841 11.9	(Actros)[OM541.944]	04.03- 04.03- 04.03- 04.03-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		04.03- 04.03- 04.03- 04.03-	113609 111771 113851	24 24 24	6.2 6.2 6.2
	[OM541.974]						04.03- 04.03-	113609 113851	24 24	6.2 6.2
	(Actros MP2 / MP3)[OM541.991]	04.03-	113351	28	100					
1841 12.0	(Actros)[OM541.944]						02.05- 02.05-	113609 113851	24 24	6.2 6.2
	[OM541.974]						02.05- 02.05-	113609 113851	24 24	6.2 6.2
1843 11.9	(Actros)[OM541.921]	04.97- 04.97- 04.97- 04.97-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		04.97- 10.02 04.97- 10.02 AC 04.97- 04.97- 10.02	113609 113851 112107 111771	24 24 24	6.2 6.2 6.2 6.2
	[OM541.925]	09.96- 09.96- 09.96- 09.96-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		AC 09.96- 04.96- 10.02 04.96- 10.02 04.96- 10.02	112107 113609 111771 113851	24 24 24	6.2 6.2 6.2 6.2
1843 12.0	(Axor)[OM457.937]	01.02- 01.02-	113278 113351	28 28	100 100		01.02- 01.02-	113851 113609	24 24	6.2 6.2
	(Axor 2)[OM457.937]	10.04-	113351	28	100					
	[OM457.948]	10.04-	113351	28	100					
	[OM457.980]	10.04-	113351	28	100					
1844 11.9	(Actros)[OM541.921]	04.03- 04.03- 04.03- 04.03-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		04.03- 04.03- 04.03- 04.03-	113609 111771 113851	24 24 24	6.2 6.2 6.2
	[OM541.946]	04.03- 04.03- 04.03- 04.03-	112561 113278 113351 113448	28 28 28 28	80 100 100 100		04.03- 04.03- 04.03- 04.03-	113851 111771 113609	24 24 24	6.2 6.2 6.2
	[OM541.976]						04.03- 04.03-	113609 113851	24 24	6.2 6.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

1844 12.0	(Actros)[OM541.946]						04.03-	113609	24	6.2		
	[OM541.976]						04.03-	113851	24			
1844 14.6	(SK)[OM440.970]	11.91-	110895	28	55		07.87-	09.96	113855	24	5.4	
		11.91-	112159	28	80		11.91-		110206	24	5.4	
		11.91- 09.96	113920	28	35							
	[OM446.922]	11.91-	110895	28	55		07.87-	09.96	113855	24	5.4	
1846 11.9	(Actros)[OM541.948]	04.03-	112561	28	80		04.03-		113851	24		
		04.03-	113278				04.03-		113609	24	6.2	
		04.03-	113351	28	100							
	[OM541.980]	04.03-	113351	28	100		04.03-		113851	24		
							04.03-		113609	24	6.2	
		[OM541.981]					04.03-		113851	24		
1846 12.0	(Actros)[OM541.948]					04.03-		113609	24	6.2		
1848 11.9	(Actros)[OM541.948]					04.03-		113609	24	6.2		
1848 12.0	(Actros)[OM541.948]					04.03-		113609	24	6.2		
1848 15.9	(Actros)[OM542.921]	04.03-	112159	28	80		AC 09.96-		112107			
		09.96-	112561	28	80		04.96-	10.02	113609	24	6.2	
		09.96-	113278				04.96-	10.02	113851	24		
		09.96-	113351	28	100		04.96-	10.02	111771	24	6.2	
		09.96-	113448	28	100							
	[OM542.925]	04.97-	112561	28	80		AC 04.97-		112107			
		04.97-	113278				04.97-	10.02	113609	24	6.2	
		04.97-	113351	28	100		04.97-	10.02	111771	24	6.2	
		04.97-	113448	28	100		04.97-	10.02	113851	24		
	1850 14.6	(SK)[OM440.973]	07.87-	09.96	111889			07.87-	09.96	110206	24	5.4
12.90-				110895	28	55			113855	24	5.4	
12.90- 02.91				110906	28	30						
12.90-				112159	28	80						
[OM442.971]		03.91-	02.01	113920	28	35						
		12.90-		110895	28	55		12.90-		110206	24	5.4
		12.90- 02.91		110906	28	30		07.87-	09.96	113855	24	5.4
		12.90-		112159	28	80						
		03.91-	02.01	113920	28	35						
[OM442.985]		07.87-	09.96	111889			07.87-	09.96	110206	24	5.4	
		12.90-		110895	28	55		07.87-	09.96	113855	24	5.4
		12.90- 02.91		110906	28	30						
		12.90-		112159	28	80						
		03.91-	02.01	113920	28	35						
[OM442.989]		12.90-		110895	28	55		12.90-		110206	24	5.4
		12.90- 02.91		110906	28	30		07.87-	09.96	113855	24	5.4
		12.90-		112159	28	80						
		03.91-	02.01	113920	28	35						
[OM442.992]	07.87-	09.96	111629	28	120		07.87-	09.96	113855	24	5.4	
	12.90-		110895	28	55		07.87-	09.96	110206	24	5.4	
	12.90- 02.91		110906	28	30							
	12.90-		112159	28	80							
	03.91-	02.01	113920	28	35							
[OM442.997]	12.90-		110895	28	55		12.90-		110206	24	5.4	
	12.90- 02.91		110906	28	30		07.87-	09.96	113855	24	5.4	
	12.90-		112159	28	80							
	03.91-	02.01	113920	28	35							
1850 15.9	(Actros)[OM542.940]	04.03-	112561	28	80		04.03-		111771	24	6.2	
		04.03-	113278				04.03-		113609	24	6.2	
		04.03-	113351	28	100		04.03-		113851	24		
		04.03-	113448	28	100							
1851 15.9	(Actros)[OM542.940]	04.03-	112561	28	80		04.03-		113851	24		
		04.03-	113351	28	100		04.03-		113609	24	6.2	
		04.03-	113448	28	100		04.03-		111771	24	6.2	
1853 14.6	(SK)[OM446.920]	01.96-	110895	28	55		07.87-	09.96	113855	24	5.4	
		01.96-	112159	28	80		01.96-		110206	24	5.4	
[OM446.946]	01.96-	110895	28	55		01.96-	09.96	113855	24	5.4		
	01.96-	112159	28	80		01.96-		110206	24	5.4		
1853 15.9	(Actros)[OM542.920]	09.96-	112561	28	80		04.96-	10.02	113609	24	6.2	
		09.96-	113278				04.96-	10.02	113851	24		
		09.96-	113351	28	100		04.96-	10.02	111771	24	6.2	
		09.96-	113448	28	100		AC 09.96-		112107			
1854 15.9	(Actros)[OM542.942]	04.03-	112561	28	80		04.03-		113609	24	6.2	
		04.03-	113278				04.03-		111771	24	6.2	
		04.03-	113351	28	100		04.03-		113851	24		
		04.03-	113448	28	100							
1855 15.9	(Actros MP2 / MP3)	06.08-	113351	28	100							
1857 15.9	(Actros)[OM542.922]	04.97-	112561	28	80		04.97-	10.02	113609	24	6.2	
		04.97-	113278				04.97-	10.02	111771	24	6.2	
		04.97-	113351	28	100		AC 04.97-		112107			
		04.97-	113448	28	100		04.97-	10.02	113851	24		
1858 15.9	(Actros)[OM542.944]	04.03-	112561	28	80		04.03-		111771	24	6.2	
		04.03-	113278				10.02-		113609	24	6.2	
		04.03-	113351	28	100		10.02-		113851	24		
		04.03-	113448	28	100							
1860 15.9	(Actros MP2 / MP3)[OM542.964]	06.08-	113351	28	100							
1860 16.0	(Actros)[OM542.964]	05.05-					05.05-		113609	24	6.2	
									113851	24		
1919 9.6	(NG)[OM401.909]	03.78-	08.82	110113	28	27		05.74-	08.82	112120	24	6.6
								03.77-	08.82	110206	24	5.4
								05.74-	02.77	110210	24	6.6
	[OM401.916]	03.78-	08.82	110113	28	27		05.74-	08.82	113855	24	5.4
								05.74-	08.82	112120	24	6.6
								03.77-	08.82	110206	24	5.4
1922 10.9	(NG)[OM421.905]	10.81-	10.86	110113	28	27		10.81-	03.91	113855	24	5.4
		11.86-	03.91	110895	28	55		10.81-	03.91	110206	24	5.4
		11.86-	03.91	110906	28	30		10.81-	10.90	110550	24	4.0
		10.88-	03.91	112159	28	80		05.83-	03.91	110210	24	6.6
1922 11.3	(SK)[OM441.905]	05.89-	08.94	110895	28	55		05.89-	08.94	110206	24	5.4
		05.89-	02.91	110906	28	30		05.89-	08.94	113855	24	5.4
		05.89-	08.94	112159	28	80						
		03.91-	08.94	113920	28	35						
	[OM441.914]	05.89-	08.94	110895	28	55		05.89-	08.94	110206	24	5.4
		05.89-	02.91	110906	28	30		05.89-	08.94	113855	24	5.4
		05.89-	08.94	112159	28	80						
		03.91-	08.94	113920	28	35						
	[OM441.923]	05.89-	08.94	110895	28	55		05.89-	08.94	110206	24	5.4
		05.89-	02.91	110906	28	30		05.89-	08.94	113855	24	5.4
		05.89-	08.94	112159	28	80						
		03.91-	08.94	113920	28	35						
[OM441.926]	08.89-	08.94	110895	28	55		08.89-	08.94	110206	24	5.4	
	08.89-	02.91	110906	28	30		08.89-	08.94	113855	24	5.4	
	08.89-	08.94	112159	28	80							
	03.91-	08.94	113920	28	35							
1926 12.8	(NG)[OM402.906]	03.78-	12.80	110113	28	27		08.73-	09.96	112120	24	6.6
								03.77-	12.80	110206	24	5.4
								08.73-	02.77	110210	24	6.6
								08.73-	09.96	113855	24	5.4



	[OM402.912]	03.78- 12.80	110113	28	27		03.77- 12.80	110206	24	5.4
							08.73- 02.77	110210	24	6.6
							08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
	[OM402.916]	03.78- 12.80	110113	28	27		08.73- 09.96	112120	24	6.6
							03.77- 12.80	110206	24	5.4
							05.74- 02.77	110210	24	6.6
							08.73- 09.96	113855	24	5.4
1926 15.1	(MK)[OM442.914]	12.87- 09.96	110895	28	55		12.87- 09.96	110206	24	5.4
		12.87- 12.91	110906	28	30					
		12.87- 09.96	113920	28	35					
	[OM442.922]	12.87- 09.96	110895	28	55		12.87- 09.96	110206	24	5.4
		12.87- 02.91	110906	28	30					
		12.87- 09.96	113920	28	35					
	[OM442.932]	12.87- 09.96	110895	28	55		12.87- 09.96	110206	24	5.4
		12.87- 02.91	110906	28	30					
		12.87- 09.96	113920	28	35					
1928 14.6	(NG)[OM422.905]	10.86- 03.91	110113	28	27		01.80- 03.91	110206	24	5.4
		11.86- 03.91	110895	28	55		01.80- 03.91	113855	24	5.4
		11.86- 03.91	110906	28	30		05.83- 03.91	110210	24	6.6
		10.88- 03.91	112159	28	80					
1928 14.6	(NG)[OM422.905]	01.80- 10.86	110113	28	27		05.83- 03.91	110210	24	6.6
		11.86- 03.91	110895	28	55		01.80- 03.91	110206	24	5.4
		11.86- 03.91	110906	28	30		08.73- 09.96	113855	24	5.4
		10.88- 03.91	112159	28	80		08.73- 09.96	112120	24	6.6
							01.80- 05.89	110550	24	4.0
	[OM422.906]	01.80- 10.86	110113	28	27		05.83- 03.91	110210	24	6.6
		11.86- 03.91	110895	28	55		01.80- 03.91	110206	24	5.4
		11.86- 03.91	110906	28	30		08.73- 09.96	113855	24	5.4
		10.88- 03.91	112159	28	80		08.73- 09.96	112120	24	6.6
	[OM422.907]	01.80- 10.86	110113	28	27		05.83- 03.91	110210	24	6.6
		11.86- 03.91	110895	28	55		08.73- 09.96	113855	24	5.4
		11.86- 03.91	110906	28	30		08.73- 09.96	112120	24	6.6
		10.88- 03.91	112159	28	80		01.80- 03.91	110206	24	5.4
							01.80- 05.89	110550	24	4.0
	[OM422.911]	01.80- 10.86	110113	28	27		05.83- 03.91	110210	24	6.6
		11.86- 03.91	110895	28	55		08.73- 09.96	113855	24	5.4
		11.86- 03.91	110906	28	30		08.73- 09.96	112120	24	6.6
		10.88- 03.91	112159	28	80		01.80- 03.91	110206	24	5.4
							01.80- 05.89	110550	24	4.0
	[OM422.913]	01.80- 10.88	110113	28	27		01.80- 03.91	110206	24	5.4
		11.86- 03.91	110895	28	55		08.73- 09.96	112120	24	6.6
		11.86- 03.91	110906	28	30		08.73- 09.96	113855	24	5.4
		10.88- 03.91	112159	28	80		05.83- 03.91	110210	24	6.6
							01.80- 05.89	110550	24	4.0
1929 15.1	(SK)[OM442.906]	07.88- 08.94	110895	28	55		07.87- 09.96	113855	24	5.4
		07.88- 02.91	110906	28	30		07.88- 08.94	110206	24	5.4
		07.88- 08.94	113920	28	35					
		10.88- 08.94	112159	28	80					
	[OM442.907]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
		07.88- 02.91	110906	28	30		07.87- 09.96	113855	24	5.4
		07.88- 08.94	113920	28	35					
		10.88- 08.94	112159	28	80					
	[OM442.908]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
		07.88- 02.91	110906	28	30		07.87- 09.96	113855	24	5.4
		07.88- 08.94	112159	28	80					
		03.91- 08.94	113920	28	35					
	[OM442.909]	07.88- 08.94	113920	28	35		07.88- 08.94	110206	24	5.4
	[OM442.916]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
		07.88- 02.91	110906	28	30		07.87- 09.96	113855	24	5.4
		10.88- 08.94	112159	28	80					
		03.91- 08.94	113920	28	35					
	[OM442.923]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
		07.88- 02.91	110906	28	30		07.87- 09.96	113855	24	5.4
		10.88- 08.94	112159	28	80					
		03.91- 08.94	113920	28	35					
	[OM442.924]	07.88- 08.94	113920	28	35		07.88- 08.94	110206	24	5.4
	[OM442.925]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
		07.88- 02.91	110906	28	30		07.87- 09.96	113855	24	5.4
		07.88- 08.94	112159	28	80					
		03.91- 08.94	113920	28	35					
	[OM442.926]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
		07.88- 02.91	110906	28	30		07.88- 08.94	113855	24	5.4
		10.88- 08.94	112159	28	80					
		03.91- 08.94	113920	28	35					
	[OM442.929]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
		07.88- 02.91	110906	28	30		07.88- 08.94	113855	24	5.4
		10.88- 08.94	112159	28	80					
		03.91- 08.94	113920	28	35					
	[OM442.971]	07.88- 09.93	113920	28	35		07.88- 09.93	110206	24	5.4
1929 18.3	(SK)[OM443.940]	07.88- 08.94	110895	28	55		07.88- 08.94	110206	24	5.4
1932 15.9	(NG)[OM403.916]	08.73- 09.83	110113	28	27		08.73- 09.96	112120	24	6.6
							08.73- 09.83	110210	24	6.6
							08.73- 09.96	113855	24	5.4
	[OM403.931]	08.73- 09.83	110113	28	27		08.73- 09.96	112120	24	6.6
							08.73- 09.83	110210	24	6.6
							08.73- 09.96	113855	24	5.4
1933 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28	27		11.80- 03.91	110550	24	4.0
		11.86- 03.91	110895	28	55		11.80- 03.91	110210	24	6.6
		11.86- 03.91	110906	28	30		08.73- 09.96	112120	24	6.6
		10.88- 03.91	112159	28	80		08.73- 09.96	113855	24	5.4
	[OM422.954]	11.80- 10.86	110113	28	27		11.80- 03.91	110550	24	4.0
		11.86- 03.91	110895	28	55		08.73- 09.96	112120	24	6.6
		11.86- 03.91	110906	28	30		11.80- 03.91	110210	24	6.6
		10.88- 03.91	112159	28	80		08.73- 09.96	113855	24	5.4
	[OM422.956]	11.80- 10.86	110113	28	27		11.80- 03.91	110210	24	6.6
		11.86- 03.91	110895	28	55		11.80- 03.91	110550	24	4.0
		11.86- 03.91	110906	28	30		08.73- 09.96	113855	24	5.4
		10.88- 03.91	112159	28	80		08.73- 09.96	112120	24	6.6
	[OM422.957]	11.80- 10.86	110113	28	27		08.73- 09.96	113855	24	5.4
		11.86- 03.91	110895	28	55		08.73- 09.96	112120	24	6.6
		11.86- 03.91	110906	28	30		11.80- 03.91	110550	24	4.0
		10.88- 03.91	112159	28	80		11.80- 03.91	110210	24	6.6
	[OM422.958]	11.80- 10.86	110113	28	27		08.73- 09.96	112120	24	6.6
		11.86- 03.91	110895	28	55		11.80- 03.91	110550	24	4.0
		11.86- 03.91	110906	28	30		08.73- 09.96	113855	24	5.4
		10.88- 03.91	112159	28	80		11.80- 03.91	110210	24	6.6
1935 14.6	(NG)[OM442.950]	02.86- 10.86	110113	28	27		08.73- 09.96	113855	24	5.4
		11.86- 09.89	110895	28	55		02.86- 09.89	110206	24	5.4
		11.86- 09.89	110906	28	30					
		10.88- 09.89	112159	28	80					
	[OM442.952]	02.86- 10.86	110113	28	27		0			



MERCEDES-BENZ Continued

Application list

	[OM442.942]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	113855 110206	24 24	5.4 5.4
	[OM442.943]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	113855 110206	24 24	5.4 5.4
	[OM442.944]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	110206 113855	24 24	5.4 5.4
	[OM442.963]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	110206 113855	24 24	5.4 5.4
	[OM442.964]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	113855 110206	24 24	5.4 5.4
	[OM442.966]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	113855 110206	24 24	5.4 5.4
	[OM442.971]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	110206 113855	24 24	5.4 5.4
	[OM442.972]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	110206 113855	24 24	5.4 5.4
	[OM442.976]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	110206 113855	24 24	5.4 5.4
	[OM442.977]	05.89-08.94 05.89-02.91 05.89-08.94 03.91-08.94	110895 110906 112159 113920	28 28 28 28	55 30 80 35		05.89-08.94 05.89-08.94	113855 110206	24 24	5.4 5.4
	[OM442.978]	03.81-08.94 05.89-08.94 05.89-02.91 05.89-08.94	113920 110895 110906 112159	28 28 28 28	35 55 80 80		05.89-08.94 05.89-08.94	110206 113855	24 24	5.4 5.4
1936 18.3	(NG)[OM423.905]	10.81-10.86 11.86-03.91 11.86-03.91 10.88-03.91	110113 110895 110906 112159	28 28 28 28	27 55 30 80		10.81-03.91 10.81-03.91 10.81-03.91 10.81-03.91	113855 110210 110550 112120	24 24 24 24	5.4 6.6 4.0 6.6
	[OM423.906]	10.81-10.86 11.86-03.91 11.86-03.91 10.88-03.91	110113 110895 110906 112159	28 28 28 28	27 55 30 80		10.81-03.91 10.81-03.91 10.81-03.91 10.81-03.91	112120 110550 113855 110210	24 24 24 24	6.6 4.0 5.4 6.6
	[OM423.907]	10.81-10.86 11.86-03.91 11.86-03.91 10.88-03.91	110113 110895 110906 112159	28 28 28 28	27 55 30 80		10.81-03.91 10.81-03.91 10.81-03.91 10.81-03.91	112120 110550 113855 110210	24 24 24 24	6.6 4.0 5.4 6.6
	[OM423.908]	10.81-10.86 06.85-09.96 11.86-03.91 11.86-03.91 10.88-03.91	110113 113920 110895 110906 112159	28 28 28 28 28	27 35 55 30 80		10.81-03.91 10.81-03.91 10.81-03.91 08.73-09.96	110210 113855 110550 112120	24 24 24 24	6.6 5.4 4.0 6.6
1938 14.6	(NG)[OM422.953]	11.80-10.86 11.86-06.90 11.86-06.90 10.88-06.90	110113 110895 110906 112159	28 28 28 28	27 55 30 80		11.80-06.90 11.80-06.90 08.73-09.96 08.73-09.96	110550 110210 112120 113855	24 24 24 24	4.0 6.6 6.6 5.4
	[OM422.955]	11.80-10.86 11.86-06.90 11.86-06.90 10.88-06.90	110113 110895 110906 112159	28 28 28 28	27 55 30 80		08.73-09.96 11.80-06.90	113855 110210	24 24	5.4 6.6
	[OM422.959]	11.80-10.86 11.86-06.90 11.86-06.90 10.88-06.90	110113 110895 110906 112159	28 28 28 28	27 55 30 80		08.73-09.96 11.80-06.90 08.73-09.96 11.80-06.90	112120 110550 113855 110210	24 24 24 24	6.6 4.0 5.4 6.6
1944 14.6	(NG)[OM442.951]	10.85-10.86 11.86-12.89 11.86-12.89 10.88-12.89	110113 110895 110906 112159	28 28 28 28	27 55 30 80		10.85-12.89 08.73-09.96	110206 113855	24 24	5.4 5.4
1945 18.3	(SK)[OM443.940]						07.88-08.94	110210	24	6.6
1948 14.6	(SK)[OM442.982]	09.88-07.92 09.88-02.91 10.88-07.92 03.91-07.92	110895 110906 112159 113920	28 28 28 28	55 30 80 35		09.88-07.92 09.88-07.92 09.88-07.92 09.88-07.92	113855 110206	24 24	5.4 5.4
	[OM442.984]	09.88-07.92 09.88-02.91 10.88-07.92 03.91-07.92	110895 110906 112159 113920	28 28 28 28	55 30 80 35		09.88-07.92 09.88-07.92	110206 113855	24 24	5.4 5.4
	[OM442.985]	09.88-07.92 09.88-02.91 10.88-07.92 03.91-07.92	110895 110906 112159 113920	28 28 28 28	55 30 80 35		09.88-07.92 09.88-07.92	113855 110206	24 24	5.4 5.4
	[OM442.989]	09.88-07.92 09.88-02.91 10.88-07.92 03.91-07.92	110895 110906 112159 113920	28 28 28 28	55 30 80 35		09.88-07.92 09.88-07.92	113855 110206	24 24	5.4 5.4
2020 6.0	(LK/LN2)[OM366.995]	01.84-02.91 03.91-12.98 03.91-12.98	110906 110895 113920	28 28 28	30 55 35		05.92-12.98 01.84-12.98	113979 110524	24 24	4.0 4.0
2024 11.0	(SK)[OM445.924]						01.94-	110206	24	5.4
	[OM445.925]						01.94-	110206	24	5.4
2024 6.0	(LK/LN2)[OM356.999]	01.84-12.98	113920	28	35		01.84-12.98 01.84-12.98 01.84-12.98 01.84-12.98	110524 113979 110524 113979	24 24 24 24	4.0 4.0 4.0 4.0
	[OM357.941]	01.84-12.98	113920	28	35		01.84-12.98 01.84-12.98	110524 113979	24 24	4.0 4.0
	[OM357.947]	01.84-12.98	113920	28	35		01.84-12.98 01.84-12.98	110524 113979	24 24	4.0 4.0
2024 9.6	(SK)[OM401.975]	02.93- 02.93- 02.93-09.94	110895 112159 113920	28 28 28	55 80 35		02.93-09.96 02.93- 02.93-	113855 110206 110210	24 24 24	5.4 5.4 6.6
	[OM401.984]	02.93- 02.93- 02.93-09.96	110895 112159 113920	28 28 28	55 80 35		02.93-09.96 02.93- 02.93-	113855 110206 110210	24 24 24	5.4 5.4 6.6
2025 12.8	(NG)[OM402.912]	10.76-10.80	110113	28	27		03.77-10.80 10.76-02.77 10.76-10.80	110206 110210 113855	24 24 24	5.4 6.6 5.4
	[OM402.916]	10.76-10.80	110113	28	27		03.77-10.80 10.76-02.77 10.76-10.80	110206 110210 113855	24 24 24	5.4 6.6 5.4
2025 14.6	(NG)[OM422.909]	08.83-10.86 11.86-03.91 11.86-03.91 10.88-03.91	110113 110895 110906 112159	28 28 28 28	27 55 30 80		08.83-03.91 08.83-03.91 08.83-03.91	113855 112120 110210	24 24 24	5.4 6.6 6.6
2027 11.0	(SK)[OM445.933]						02.93-09.96	110206	24	5.4
2027 9.6	(SK)[OM401.989]						02.93-09.96	110206	24	5.4



2028 14.6	(NG)[OM422.905]	01.80- 10.86 110113 28 27	01.80- 06.89 110210 24 6.6
		11.86- 06.89 110895 28 55	01.80- 06.89 113855 24 5.4
		11.86- 06.89 110906 28 30	01.80- 06.89 110206 24 5.4
		10.88- 06.89 112159 28 80	
	[OM422.906]	01.80- 10.86 110113 28 27	01.80- 06.89 110210 24 6.6
		11.86- 06.89 110895 28 55	01.80- 06.89 113855 24 5.4
		11.86- 06.89 110906 28 30	01.80- 06.89 112120 24 6.6
		10.88- 06.89 112159 28 80	01.80- 06.89 110206 24 5.4
	[OM422.907]	01.80- 05.85 110113 28 27	05.83- 06.89 110210 24 6.6
		06.85- 06.89 113920 28 35	01.80- 06.89 110206 24 5.4
		11.86- 06.89 110895 28 55	
		10.88- 06.89 112159 28 80	
[OM422.910]	01.80- 10.86 110113 28 27	01.80- 06.89 110210 24 6.6	
	11.86- 06.89 110895 28 55	01.80- 06.89 113855 24 5.4	
	11.86- 06.89 110906 28 30	01.80- 06.89 110206 24 5.4	
	10.88- 06.89 112159 28 80	01.80- 06.89 112120 24 6.6	
[OM422.911]	01.80- 10.86 110113 28 27	01.80- 06.89 110206 24 5.4	
	06.85- 06.89 113920 28 35	01.80- 06.89 112120 24 6.6	
	11.86- 06.89 110895 28 55	01.80- 06.89 113855 24 5.4	
	11.86- 06.89 110906 28 30	01.80- 06.89 110210 24 6.6	
	10.88- 06.89 112159 28 80		
[OM422.913]	01.80- 05.85 110113 28 27	01.80- 06.89 110206 24 5.4	
	06.85- 06.89 113920 28 35	05.83- 06.89 110210 24 6.6	
	11.86- 06.89 110895 28 55		
	10.88- 06.89 112159 28 80		
2031 11.0	(SK)[OM445.929]		01.94- 09.96 110206 24 5.4
	[OM445.930]	01.94- 110895 28 55	01.94- 110206 24 5.4
2031 11.9	(Actros)[OM541.920]	04.96- 112561 28 80	AC 04.96- 112107 24 6.2
		04.96- 113278 28 100	04.96- 10.02 113609 24 6.2
		04.96- 113351 28 100	04.96- 10.02 113851 24 6.2
		04.96- 113448 28 100	04.96- 10.02 111771 24 6.2
	[OM541.926]	04.96- 01.01 112561 28 80	04.96- 10.02 113609 24 6.2
		04.96- 01.01 113278 28 100	AC 04.96- 01.01 112107 24 6.2
		04.96- 01.01 113351 28 100	04.96- 10.02 113851 24 6.2
		04.96- 01.01 113448 28 100	04.96- 10.02 111771 24 6.2
2031 12.8	(SK)[OM402.978]	03.92- 08.96 110895 28 55	03.92- 110206 24 5.4
		03.92- 08.96 113920 28 35	03.92- 110210 24 6.6
	[OM402.996]	03.92- 08.96 110895 28 55	03.92- 110206 24 5.4
		03.92- 08.96 113920 28 35	03.92- 110210 24 6.6
[OM440.979]	03.92- 08.96 113920 28 35	03.92- 110206 24 5.4	
2031 14.6	(SK)[OM446.927]	01.94- 112159 28 80	01.94- 110206 24 5.4
	(SK)[OM401.972]	03.92- 09.96 110895 28 55	03.92- 09.96 113855 24 5.4
2031 9.6	[OM401.979]	03.92- 09.96 112159 28 80	03.92- 09.96 110206 24 5.4
		03.92- 09.96 113920 28 35	03.92- 09.96 110210 24 6.6
		03.92- 09.96 110895 28 55	03.92- 09.96 113855 24 5.4
		03.92- 09.96 112159 28 80	03.92- 09.96 110206 24 5.4
		03.92- 09.96 113920 28 35	03.92- 09.96 110210 24 6.6
	[OM401.986]	03.92- 08.96 110895 28 55	03.92- 110206 24 5.4
		03.92- 08.96 113920 28 35	03.92- 110210 24 6.6
		03.92- 09.96 110895 28 55	03.92- 09.96 113855 24 5.4
		03.92- 09.96 112159 28 80	03.92- 09.96 110206 24 5.4
		03.92- 09.96 113920 28 35	
2032 11.9	(Actros)[OM541.920]	04.03- 113278 28 100	04.03- 113609 24 6.2
		04.03- 113351 28 100	04.03- 113851 24 6.2
		04.03- 113448 28 100	04.03- 111771 24 6.2
	[OM541.926]	04.03- 113278 28 100	04.03- 113609 24 6.2
		04.03- 113351 28 100	04.03- 113851 24 6.2
		04.03- 113448 28 100	04.03- 111771 24 6.2
[OM541.940]	04.03- 113278 28 100	04.03- 113609 24 6.2	
	04.03- 113351 28 100	04.03- 113851 24 6.2	
	04.03- 113448 28 100	04.03- 111771 24 6.2	
[OM541.941]	04.03- 113278 28 100	04.03- 113609 24 6.2	
	04.03- 113351 28 100	04.03- 113851 24 6.2	
	04.03- 113448 28 100	04.03- 111771 24 6.2	
2032 14.6	(NG)[OM422.952]	12.81- 10.86 110113 28 27	12.81- 05.87 110210 24 6.6
		11.86- 05.87 110895 28 55	12.81- 05.87 113855 24 5.4
		11.86- 05.87 110906 28 30	
[OM422.956]	12.81- 10.86 110113 28 27	12.81- 05.87 113855 24 5.4	
	11.86- 05.87 110895 28 55	12.81- 05.87 110210 24 6.6	
	11.86- 05.87 110906 28 30		
2032 15.9	(NG)[OM403.931]	08.75- 09.83 110113 28 27	08.75- 09.83 112120 24 6.6
			08.75- 09.83 110210 24 6.6
			08.75- 09.83 113855 24 5.4
			08.75- 09.83 112120 24 6.6
			08.75- 09.83 110210 24 6.6
[OM403.932]	08.75- 09.83 110113 28 27	08.75- 09.83 113855 24 5.4	
	08.75- 09.83 112120 24 6.6	08.75- 09.83 110210 24 6.6	
	08.75- 09.83 113855 24 5.4	08.75- 09.83 110210 24 6.6	
	08.75- 09.83 112120 24 6.6	08.75- 09.83 113855 24 5.4	
	08.75- 09.83 110210 24 6.6	08.75- 09.83 110210 24 6.6	
2035 11.9	(Actros)[OM541.922]	04.96- 113351 28 100	04.96- 10.02 113609 24 6.2
		04.96- 113448 28 100	04.96- 10.02 111771 24 6.2
			04.96- 10.02 113851 24 6.2
			04.96- 10.02 111771 24 6.2
	[OM541.927]	04.97- 112561 28 80	AC 04.97- 112107 24 6.2
		04.97- 113278 28 100	04.97- 10.02 113851 24 6.2
		04.97- 113351 28 100	04.97- 10.02 113609 24 6.2
		04.97- 113448 28 100	04.97- 10.02 111771 24 6.2
2035 14.6	(NG)[OM442.950]	06.86- 10.86 110113 28 27	08.73- 09.96 113855 24 5.4
		11.86- 07.89 110895 28 55	06.86- 07.89 110206 24 5.4
		11.86- 07.89 110906 28 30	
	[OM442.952]	06.86- 10.86 110113 28 27	06.86- 07.89 110206 24 5.4
		11.86- 07.89 110895 28 55	08.73- 09.96 113855 24 5.4
		11.86- 07.89 110906 28 30	
[OM442.958]	06.86- 10.86 110113 28 27	06.86- 07.89 110206 24 5.4	
	11.86- 07.89 110895 28 55	08.73- 09.96 113855 24 5.4	
	11.86- 07.89 110906 28 30		
2036 11.9	(Actros)[OM541.922]	04.03- 113278 28 100	04.03- 113851 24 6.2
		04.03- 113351 28 100	04.03- 113609 24 6.2
		04.03- 113448 28 100	04.03- 111771 24 6.2
	[OM541.927]	04.03- 113278 28 100	04.03- 113609 24 6.2
		04.03- 113351 28 100	04.03- 111771 24 6.2
		04.03- 113448 28 100	04.03- 113851 24 6.2
	[OM541.942]	04.03- 113278 28 100	04.03- 113609 24 6.2
		04.03- 113351 28 100	04.03- 111771 24 6.2
		04.03- 113448 28 100	04.03- 113851 24 6.2
[OM541.943]	04.03- 113278 28 100	04.03- 113609 24 6.2	
	04.03- 113351 28 100	04.03- 111771 24 6.2	
	04.03- 113448 28 100	04.03- 113851 24 6.2	
[Actros MP2 / MP3][OM541.922]	04.03- 112561 28 80		
[OM541.942]	04.03- 112561 28 80		
[OM541.972]	04.03- 112561 28 80		
[OM541.998]	04.03- 112561 28 80		
2036 14.6	(NG)[OM442.950]	03.84- 05.85 110113 28 27	03.84- 06.89 110210 24 6.6
		06.85- 11.86 113920 28 35	
		11.86- 06.89 110895 28 55	
		10.88- 06.89 112159 28 80	
[OM442.962]	03.84- 05.85 110113 28 27	03.84- 06.89 110210 24 6.6	
	03.84- 06.89 113920 28 35		
	11.86- 06.89 110895 28 55		
	10.88- 06.89 112159 28 80		
2036 18.3	(NG)[OM423.905]	03.84- 10.86 110113 28 27	03.84- 03.91 112120 24 6.6
		11.86- 03.91 110895 28 55	03.84- 03.91 113855 24 5.4
		11.86- 03.91 110906 28 30	03.84- 03.91 110210 24 6.6
		10.88- 03.91 112159 28 80	
[OM423.908]	03.84- 10.86 110113 28 27	03.84- 03.91 112120 24 6.6	
	11.86- 03.91 110895 28 55	03.84- 03.91 110210 24 6.6	
	11.86- 03.91 110906 28 30	03.84- 03.91 113855 24 5.4	
	10.88- 03.91 112159 28 80		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** Continued

**Application list**

2038 12.8	(SK)[OM402.971]	11.91-	110895	28	55	11.91- 09.96	113855	24	5.4	
		11.91-	112159	28	80	11.91-	110206	24	5.4	
		11.91- 08.96	113920	28	35	11.91-	110210	24	6.6	
	[OM402.972]	11.91- 08.96	113920	28	35	11.91-	110206	24	5.4	
		11.91-	110210	24	6.6	11.91- 09.96	113855	24	5.4	
		12.92-	110895	28	55	12.92- 09.96	113855	24	5.4	
	[OM402.978]	12.92-	112159	28	80	12.92-	110206	24	5.4	
		12.92- 09.96	113920	28	35					
		11.91-	110895	28	55	11.91- 09.96	113855	24	5.4	
	[OM402.985]	11.91-	112159	28	80	11.91-	110206	24	5.4	
		11.91- 09.96	113920	28	35	11.91-	110210	24	6.6	
		11.91- 08.96	113920	28	35	11.91-	110206	24	5.4	
	[OM402.986]	11.91-	110210	24	6.6	11.91- 09.96	113855	24	5.4	
		11.91-	110210	24	6.6					
		11.91- 09.96	113855	24	5.4					
2038 14.6	(SK)[OM440.970]	12.92- 09.96	113920	28	35	12.92-	110206	24	5.4	
		12.92-	112159	28	80	12.92-	110206	24	5.4	
	[OM440.979]	01.94-	112159	28	80	01.94-	110206	24	5.4	
	[OM446.925]	01.94-	112159	28	80	01.94-	110206	24	5.4	
	[OM446.927]	01.94-	112159	28	80	01.94-	110206	24	5.4	
2040 11.9	(Actros)[OM541.923]	04.96-	112561	28	80	AC 04.96-	112107			
		04.96-	113278			04.96- 10.02	113851	24		
		04.96-	113351	28	100	04.96- 10.02	113609	24	6.2	
	[OM541.924]	04.96-	113448	28	100	04.96- 10.02	111771	24	6.2	
		04.96- 01.01	112561	28	80	AC 04.96- 01.01	112107			
		04.96- 01.01	113278			04.96- 10.02	113609	24	6.2	
	[OM541.944]	04.96- 01.01	113351	28	100	04.96- 10.02	111771	24	6.2	
		04.96- 01.01	113448	28	100	04.96- 10.02	113851	24		
	2041 11.9	(Actros)[OM541.923]	04.03-	113278			04.03-	113609	24	6.2
04.03-			113351	28	100	04.03-	113851	24		
04.03-			113448	28	100	04.03-	111771	24	6.2	
[OM541.924]		04.03-	113278			04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
		04.03-	113448	28	100	04.03-	111771	24	6.2	
[OM541.944]		04.03-	113278			04.03-	113609	24	6.2	
	04.03-	113351	28	100	04.03-	113851	24			
	04.03-	113448	28	100	04.03-	111771	24	6.2		
2043 11.9	(Actros)[OM541.925]	04.96-	113351	28	100	04.96- 10.02	111771	24	6.2	
						04.96- 10.02	113609	24	6.2	
						04.96- 10.02	113851	24		
2044 11.9	(Actros)[OM541.921]	04.03-	113278			04.03-	113851	24		
		04.03-	113351	28	100	04.03-	113609	24	6.2	
		04.03-	113448	28	100	04.03-	111771	24	6.2	
	[OM541.925]	04.03-	113278			04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
		04.03-	113448	28	100	04.03-	111771	24	6.2	
	[OM541.946]	04.03-	113278			04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
		04.03-	113448	28	100	04.03-	111771	24	6.2	
	(Actros MP2 / MP3)[OM541.925]	04.03-	113278			04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
04.03-		113448	28	100	04.03-	111771	24	6.2		
04.03-		113448	28	100						
2044 12.0	(Actros)[OM541.947]	04.03-	113448	28	100	04.03-	111771	24	6.2	
		04.03-	113448	28	100	04.03-	113609	24	6.2	
		04.03-	113448	28	100	04.03-	113851	24		
		04.03-	113448	28	100					
2044 14.6	(SK)[OM440.970]	01.92-	110895	28	55	01.92- 09.96	113855	24	5.4	
		01.92-	112159	28	80	01.92- 09.96	110206	24	5.4	
		01.92- 09.96	113920	28	35	01.91-	110210	24	6.6	
	[OM440.979]	01.94- 09.96	113920	28	35	01.94- 09.96	110206	24	5.4	
						01.91-	110210	24	6.6	
	[OM446.922]	01.92-	110895	28	55	01.92- 09.96	113855	24	5.4	
		01.92-	112159	28	80	01.92-	110206	24	5.4	
01.92- 09.96		113920	28	35	01.91-	110210	24	6.6		
2046 11.9	(Actros)[OM541.948]	04.03-	113278			04.03-	113851	24		
		04.03-	113351	28	100	04.03-	113609	24	6.2	
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28	80					
		04.03-	112561	28	80					
	[OM541.980]	04.03-	112561	28	80					
		04.03-	112561	28	80					
04.03-		112561	28	80						
2048 11.9	(Actros)[OM541.948]	04.03-	113351	28	100	04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
		06.08-	113351	28	100					
2048 12.0	(Actros)[OM541.948]	04.03-	113351	28	100	04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
2048 15.9	(Actros)[OM542.925]	04.03-	112159	28	80	04.96- 10.02	111771	24	6.2	
		04.96-	113351	28	100	04.96- 10.02	113609	24	6.2	
		04.96- 10.02	113920	28	35	04.96- 10.02	113851	24		
2050 14.6	(SK)[OM440.976]	01.91-	110895	28	55	01.91-	110210	24	6.6	
		01.91- 02.91	110906	28	30	01.91-	110206	24	5.4	
		01.91-	112159	28	80	01.91- 09.96	113855	24	5.4	
		01.91- 02.01	113920	28	35					
	[OM442.985]	01.91-	110895	28	55	01.91-	110210	24	6.6	
		01.91- 02.91	110906	28	30	01.91-	110206	24	5.4	
		01.91-	112159	28	80	01.91- 09.96	113855	24	5.4	
	[OM442.989]	03.91- 02.01	113920	28	35					
		01.91-	110895	28	55	01.91-	110210	24	6.6	
		01.91- 02.91	110906	28	30	01.91-	110206	24	5.4	
	[OM442.992]	01.91-	112159	28	80	01.91- 09.96	113855	24	5.4	
		03.91- 02.01	113920	28	35					
		01.91-	110895	28	55	01.91-	110210	24	6.6	
	[OM442.997]	01.91- 02.91	110906	28	30	01.91- 09.96	113855	24	5.4	
		01.91-	112159	28	80	01.91-	110206	24	5.4	
		03.91- 02.01	113920	28	35	01.91-	110210	24	6.6	
	[OM446.920]	01.91-	110895	28	55	01.91-	110210	24	6.6	
		01.91- 02.91	110906	28	30	01.91- 09.96	113855	24	5.4	
		01.91-	112159	28	80	01.91-	110206	24	5.4	
	2050 15.9	(Actros)[OM542.940]	03.91- 02.01	113920	28	35				
			04.03-	113278			04.03-	113609	24	6.2
04.03-			113351	28	100	04.03-	113851	24		
[OM542.941]	04.03-	113448	28	100	04.03-	111771	24	6.2		
	04.03-	113278			04.03-	113609	24	6.2		
	04.03-	113351	28	100	04.03-	113851	24			
2051 15.9	(Actros MP2 / MP3)	06.08-	113351	28	100	04.03-	113851	24		
		06.08-	113351	28	100	04.03-	113609	24	6.2	
		06.08-	113351	28	100	04.03-	113851	24		
2051 16.0	(Actros)[OM542.960]	04.03-	113351	28	100	04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
2053 11.9	(Actros)[OM542.920]	04.96-	112561	28	80	AC 04.96-	112107			
		04.96-	113278			04.96- 10.02	113851	24		
		04.96-	113351	28	100	04.96- 10.02	113609	24	6.2	
		04.96-	113448	28	100	04.96- 10.02	111771	24	6.2	
2054 15.9	(Actros MP2 / MP3)[OM542.942]	04.03-	113448	28	100					
2055 14.6	(SK)[OM442.997]					01.92- 09.96	110206	24	5.4	
2055 15.9	(Actros MP2 / MP3)	06.08-	113351	28	100					
2219 5.7	(NG)[OM362.906]	02.83- 09.85	110113	28	27	02.83- 09.85	110524	24	4.0	
		02.83- 09.85	110113	28	27	02.83- 09.85	110524	24	4.0	
	[OM362.909]	02.83- 09.85	110113	28	27	02.83- 09.85	110524	24	4.0	



2219 9.6	(NG)[OM401.914]	04.81- 01.87	111141	14	55	03.77- 01.87	110206	24	5.4	
						06.76- 02.77	110210	24	6.6	
						06.76- 01.87	112120	24	6.6	
						06.76- 01.87	113855	24	5.4	
	[OM401.923]	04.81- 01.87	111141	14	55	06.76- 01.87	110206	24	5.4	
						06.76- 01.87	110210	24	6.6	
						08.73- 09.96	112120	24	6.6	
						08.73- 09.96	113855	24	5.4	
	[OM401.925]	04.81- 01.87	111141	14	55	06.76- 01.87	112120	24	6.6	
						03.77- 01.87	110206	24	5.4	
						06.76- 02.77	110210	24	6.6	
						06.76- 01.87	113855	24	5.4	
[OM401.926]	04.81- 01.87	111141	14	55	08.73- 09.96	112120	24	6.6		
					06.76- 01.87	110206	24	5.4		
					06.76- 01.87	110210	24	6.6		
					08.73- 09.96	113855	24	5.4		
[OM401.927]	04.81- 01.87	111141	14	55	06.76- 01.87	110206	24	5.4		
					06.76- 01.87	110210	24	6.6		
					08.73- 09.96	112120	24	6.6		
					08.73- 09.96	113855	24	5.4		
2220 6.0	(NG)[OM366.983]	07.85- 10.86	110113	28	27	07.85- 03.91	110524	24	4.0	
		11.86- 03.91	110895	28	55					
		11.86- 03.91	110906	28	30					
		10.88- 03.91	112159	28	80					
2222 11.0	(NG)[OM421.905]	08.73- 09.96	113920	28	35	08.73- 09.96	113855	24	5.4	
		05.82- 10.86	110113	28	27	05.82- 03.91	110550	24	4.0	
		11.86- 03.91	110895	28	55	08.73- 09.96	112120	24	6.6	
		11.86- 03.91	110906	28	30	05.82- 03.91	110206	24	5.4	
		10.88- 03.91	112159	28	80	05.82- 03.91	110210	24	6.6	
	[OM421.907]	05.82- 10.86	110113	28	27	05.82- 03.91	110206	24	5.4	
		11.86- 03.91	110895	28	55	05.82- 03.91	113855	24	5.4	
		11.86- 03.91	110906	28	30	05.82- 03.91	112120	24	6.6	
		10.88- 03.91	112159	28	80	05.82- 03.91	110210	24	6.6	
	[OM441.905]	08.73- 09.96	113920	28	35	08.73- 09.96	112120	24	6.6	
	[OM441.906]	05.82- 10.86	110113	28	27	05.82- 03.91	110210	24	6.6	
		11.86- 03.91	110895	28	55	05.82- 03.91	113855	24	5.4	
	11.86- 03.91	110906	28	30	05.82- 03.91	112120	24	6.6		
	10.88- 03.91	112159	28	80	05.82- 03.91	110206	24	5.4		
					08.73- 09.96	112120	24	6.6		
2222 11.3	(NG)[OM441.914]	08.73- 09.96	113920	28	35					
	[OM441.919]	08.73- 09.96	113920	28	35					
2224 12.8	(NG)[OM402.910]	04.76- 12.82	111141	14	55	03.77- 12.82	110206	24	5.4	
						04.76- 02.77	110210	24	6.6	
						04.76- 12.82	112120	24	6.6	
						04.76- 12.82	113855	24	5.4	
	[OM402.911]	04.76- 12.82	111141	14	55	04.76- 12.82	110210	24	6.6	
						04.76- 12.82	110206	24	5.4	
						04.76- 12.82	112120	24	6.6	
						04.76- 12.82	113855	24	5.4	
	[OM402.914]	03.78- 06.82	110113	28	27	05.75- 02.77	110210	24	6.6	
						03.77- 03.84	110206	24	5.4	
	[OM402.927]	04.76- 12.82	111141	14	55	03.77- 12.82	110206	24	5.4	
						04.76- 12.82	110210	24	6.6	
					04.76- 12.82	112120	24	6.6		
					04.76- 12.82	113855	24	5.4		
[OM402.928]	04.76- 12.82	111141	14	55	04.76- 12.82	110210	24	6.6		
					04.76- 12.82	110206	24	5.4		
					04.76- 12.82	112120	24	6.6		
					04.76- 12.82	113855	24	5.4		
2225 14.6	(NG)[OM422.909]	08.73- 09.96	113920	28	35	08.73- 09.96	112120	24	6.6	
		04.85- 10.86	110113	28	27	04.85- 03.91	110206	24	5.4	
		11.86- 03.91	110895	28	55	04.85- 03.91	113855	24	5.4	
		11.86- 03.91	110906	28	30	04.85- 03.91	110210	24	6.6	
		10.88- 03.91	112159	28	80	04.85- 03.91	110550	24	4.0	
	[OM422.912]	08.83- 10.86	110113	28	27	08.83- 03.91	113855	24	5.4	
		11.86- 03.91	110895	28	55	08.83- 03.91	110210	24	6.6	
		11.86- 03.91	110906	28	30	08.83- 03.91	110206	24	5.4	
		10.88- 03.91	112159	28	80	08.83- 03.91	112120	24	6.6	
	2226 12.8	(NG)[OM402.912]	09.75- 12.80	110113	28	27	06.75- 02.77	110210	24	6.6
							03.77- 12.80	110206	24	5.4
							08.73- 09.96	112120	24	6.6
						08.73- 09.96	113855	24	5.4	
[OM402.916]		09.75- 12.80	110113	28	27	06.75- 02.77	110210	24	6.6	
						03.77- 12.80	110206	24	5.4	
						08.73- 09.96	112120	24	6.6	
						08.73- 09.96	113855	24	5.4	
[OM402.924]		09.75- 12.80	110113	28	27	08.73- 09.96	112120	24	6.6	
						03.77- 12.80	110206	24	5.4	
						06.75- 02.77	110210	24	6.6	
						08.73- 09.96	113855	24	5.4	
2228 14.6	(NG)[OM422.905]	12.79- 10.86	110113	28	27	12.79- 03.91	110210	24	6.6	
		11.86- 03.91	110895	28	55	08.73- 09.96	112120	24	6.6	
		11.86- 03.91	110906	28	30	12.79- 03.91	110206	24	5.4	
						12.79- 03.91	110550	24	4.0	
						08.73- 09.96	113855	24	5.4	
	[OM422.906]	12.79- 10.86	110113	28	27	12.79- 03.91	110210	24	6.6	
		11.86- 03.91	110895	28	55	12.79- 03.91	110206	24	5.4	
		11.86- 03.91	110906	28	30	08.73- 09.96	112120	24	6.6	
						08.73- 09.96	113855	24	5.4	
	[OM422.911]	12.79- 10.86	110113	28	27	12.79- 03.91	110206	24	5.4	
		11.86- 03.91	110895	28	55	12.79- 03.91	110210	24	6.6	
		11.86- 03.91	110906	28	30	08.73- 09.96	112120	24	6.6	
					12.79- 03.91	110550	24	4.0		
					08.73- 09.96	113855	24	5.4		
2232 15.9	(NG)[OM403.931]	05.75- 09.83	110113	28	27	05.74- 09.83	110210	24	6.6	
						08.73- 09.96	112120	24	6.6	
						08.73- 09.96	113855	24	5.4	
	[OM403.932]	05.75- 09.83	110113	28	27	08.73- 09.96	112120	24	6.6	
						05.74- 09.83	110210	24	6.6	
						08.73- 09.96	113855	24	5.4	
	2233 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28	27	11.80- 05.87	110210	24	6.6
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
							11.80- 05.87	110550	24	4.0
		[OM422.954]	11.80- 10.86	110113	28	27	08.73- 09.96	113855	24	5.4
			11.86- 05.87	110895	28	55	11.80- 05.87	110210	24	6.6
		11.86- 05.87	110906	28	30	08.73- 09.96	112120	24	6.6	
						11.80- 05.87	110550	24	4.0	
[OM422.957]		11.80- 10.86	110113	28	27	08.73- 09.96	112120	24	6.6	
		06.85- 05.87	113920	28	35	11.80- 05.87	110210	24	6.6	
		11.86- 05.87	110895	28	55	11.80- 05.87	110550	24	4.0	
		11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4	
[OM422.958]	11.80- 10.86	110113	28	27	08.73- 09.96	112120	24	6.6		
	06.85- 05.87	113920	28	35	11.80- 05.87	110210	24	6.6		
	11.86- 05.87	110895	28	55	08.73- 09.96	113855	24	5.4		
	11.86- 05.87	110906	28	30	11.80- 05.87	110550	24	4.0		
2235 14.6	(NG)[OM442.950]	11.83- 07.89	110895	28	55	03.86- 07.89	110206	24	5.4	
		03.86- 10.86	110113	28	27	08.73- 09.96	113855	24	5.4	
		11.86- 07.89	110906	28	30					
		10.88- 07.89	112159	28	80					



MERCEDES-BENZ Continued

Application list

2236 18.3	(NG)[OM423.905]	09.82- 10.86	110113	28	27	09.82- 03.91	112120	24	6.6			
		11.86- 03.91	110895	28	55	09.82- 03.91	113855	24	5.4			
		11.86- 03.91	110906	28	30	09.82- 03.91	110210	24	6.6			
	2238 14.6	(NG)[OM422.953]	01.81- 10.86	110113	28	27	09.82- 03.91	112120	24	6.6		
			11.86- 12.86	110895	28	55	09.82- 03.91	113855	24	5.4		
			11.86- 12.86	110906	28	30	09.82- 03.91	110210	24	6.6		
		2244 14.6	(NG)[OM442.951]	10.85- 10.86	110113	28	27	10.85- 07.89	110206	24	5.4	
				11.86- 07.89	110895	28	55	08.73- 09.96	113855	24	5.4	
				11.86- 07.89	110906	28	30	08.73- 09.96	112120	24	6.6	
			2320 6.0	(MK)[OM356.984]	12.87- 09.96	113920	28	35	12.87- 09.96	110524	24	4.0
					12.87- 09.96	113920	28	35	12.87- 09.96	110524	24	4.0
					12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
2327 9.6				(MK)[OM401.973]	02.90- 08.94	110895	28	55	12.87- 09.96	110206	24	5.4
					02.90- 08.94	110906	28	30	02.90- 08.94	110524	24	4.0
					02.90- 08.94	113920	28	35				
	2422 11.0			(MK)[OM441.905]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
					12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
					12.87- 09.96	113920	28	35				
		2422 11.3		(MK)[OM441.905]	08.73- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
					08.73- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
					08.73- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
			2425 14.6	(NG)[OM442.909]	11.86- 06.89	110895	28	55	09.89- 08.94	110206	24	5.4
					11.86- 06.89	110906	28	30	09.89- 08.94	113855	24	5.4
					11.86- 06.89	113920	28	35				
2426 6.0				(MK)[OM401.973]	12.87- 09.96	113920	28	35	02.90- 08.94	110206	24	5.4
					12.87- 09.96	113920	28	35	02.90- 08.94	110206	24	5.4
					12.87- 09.96	113920	28	35				
	2427 15.1			(MK)[OM442.923]	02.90- 08.94	113920	28	35	12.87- 09.96	110206	24	5.4
					02.90- 08.94	113920	28	35	12.87- 09.96	110206	24	5.4
					02.90- 08.94	113920	28	35	12.87- 09.96	110206	24	5.4
		2427 9.6		(MK)[OM401.973]	12.87- 09.96	113920	28	35	01.90- 08.94	113855	24	5.4
					12.87- 09.96	113920	28	35	01.90- 08.94	113855	24	5.4
					12.87- 09.96	113920	28	35				
			2428 14.6	(NG)[OM422.905]	08.73- 09.96	113920	28	35	01.90- 08.94	110206	24	5.4
					08.73- 09.96	113920	28	35	01.90- 08.94	113855	24	5.4
					08.73- 09.96	113920	28	35				
2429 14.6				(SK)[OM442.916]	07.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
					07.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
					07.87- 09.96	113920	28	35				
	2429 15.1			(MK)[OM442.906]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
					12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
					12.87- 09.96	113920	28	35				
		2429 15.1		(SK)[OM442.906]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
					07.88- 08.94	110895	28	55	07.87- 09.96	110206	24	5.4
					07.88- 08.94	110906	28	30	07.87- 09.96	113855	24	5.4
			2429 15.1	(SK)[OM442.906]	10.88- 08.94	112159	28	80	07.87- 09.96	110206	24	5.4
					07.87- 09.96	113920	28	35	07.87- 09.96	113855	24	5.4
					07.88- 08.94	110895	28	55				
2429 15.1				(SK)[OM442.906]	07.88- 02.91	110906	28	30	07.87- 09.96	110206	24	5.4
					10.88- 08.94	112159	28	80	07.87- 09.96	113855	24	5.4
					07.87- 09.96	113920	28	35				
	2429 15.1			(SK)[OM442.906]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
					07.88- 08.94	110895	28	55	07.87- 09.96	110206	24	5.4
					07.88- 02.91	110906	28	30	07.87- 09.96	110206	24	5.4
		2429 15.1		(SK)[OM442.906]	10.88- 08.94	112159	28	80	07.87- 09.96	110206	24	5.4
					07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
					07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
			2429 15.1	(SK)[OM442.906]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
					07.88- 08.94	110895	28	55	07.87- 09.96	110206	24	5.4
					07.88- 02.91	110906	28	30	07.87- 09.96	110206	24	5.4
2429 15.1				(SK)[OM442.906]	10.88- 08.94	112159	28	80	07.87- 09.96	110206	24	5.4
					07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
					07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4







MERCEDES-BENZ Continued

Application list

2438 14.6	(NG)[OM422.953]	06.85- 12.86	113920	28	35	05.83- 12.86	110210	24	6.6
		11.86- 12.86	110895	28	55	01.81- 12.86	110206	24	5.4
	[OM422.955]	11.80- 06.90	113920	28	35	01.81- 12.86	110206	24	5.4
		11.86- 12.86	110895	28	55	05.83- 12.86	110210	24	6.6
	[OM422.959]	11.80- 06.90	113920	28	35	01.81- 12.86	110206	24	5.4
2440 12.0	(Axor 2)[OM457.948]	10.04-	113351	28	100				
	[OM457.981]	10.04-	113351	28	100				
2441 11.9	(Actros MP2 / MP3)[OM541.974]	06.08-	113351	28	100				
	[OM541.990]	06.08-	113351	28	100				
2444 11.9	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28	100				
	[OM541.992]	06.08-	113351	28	100				
2444 14.6	(NG)[OM442.951]	08.73- 09.96	113920	28	35	10.85- 09.96	110206	24	5.4
		11.86- 09.96	110895	28	55				
		11.86- 02.91	110906	28	30				
	[OM442.953]	08.73- 09.96	113920	28	35	03.91- 09.96	110206	24	5.4
		11.86- 09.96	110895	28	55				
2446 11.9	(Actros MP2 / MP3)[OM541.980]	06.08-	113351	28	100				
	[OM541.994]	06.08-	113351	28	100				
	(Actros MP2 / MP3)[OM541.978]	06.08-	113351	28	100				
	[OM442.985]	07.88- 07.92	110895	28	55	07.88- 07.92	110206	24	5.4
		07.88- 02.91	110906	28	30	07.87- 09.96	113855	24	5.4
2448 14.6	(SK)[OM442.984]	01.88- 07.92	112159	28	80	07.88- 07.92	110206	24	5.4
		07.88- 07.92	110895	28	55	07.87- 09.96	113855	24	5.4
		07.88- 01.92	110906	28	30				
		03.91- 07.92	113920	28	35				
	[OM442.985]	07.88- 07.92	110895	28	55	07.88- 07.92	110206	24	5.4
		07.88- 02.91	110906	28	30	07.87- 09.96	113855	24	5.4
		07.88- 07.92	113920	28	35				
		10.88- 07.92	112159	28	80				
	[OM442.989]	07.88- 07.92	110895	28	55	07.88- 07.92	110206	24	5.4
		07.88- 02.91	110906	28	30	07.87- 09.96	113855	24	5.4
2522 11.0	(MK)[OM441.905]	12.87- 09.96	113920	28	35				
	[OM442.992]	07.88- 07.92	113920	28	35	07.88- 07.92	110206	24	5.4
	(MK)[OM441.920]	12.87- 09.96	113920	28	35				
	(Atego)[OM906.920]	05.98- 01.01	112561	28	80	05.98- 09.04	114523	24	4.0
		05.98- 01.01	113448	28	100	05.98- 01.01	111982	24	4.0
2523 6.4	(Axor)[OM906.920]	01.02-	113351	28	100	01.02- 10.04	114523	24	4.0
		01.02-	113448	28	100	01.02-	111982	24	4.0
2524 11.0	(MK)[OM445.924]	12.87- 09.96	113920	28	35	01.94-	110206	24	5.4
	[OM445.938]	12.87- 09.96	113920	28	35				
	[OM445.941]	12.87- 09.96	113920	28	35				
2524 9.6	(MK)[OM401.973]	06.92-	110895	28	55	06.92-	110206	24	5.4
		06.92-	112159	28	80	12.87- 09.96	113855	24	5.4
		02.93- 09.96	113920	28	35				
	[OM401.975]	12.87- 09.96	113920	28	35	06.92-	110206	24	5.4
		06.92-	110895	28	55	12.87- 09.96	113855	24	5.4
2527 11.0	(MK)[OM445.924]	01.94- 09.96	113920	28	35	06.92-	110210	24	6.6
	[OM445.926]					12.87- 09.96	110206	24	5.4
	[OM445.927]					01.94-	110206	24	5.4
	[OM445.929]					01.94-	110206	24	5.4
	[OM445.936]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
	[OM445.940]					01.94-	110206	24	5.4
	(MK)[OM442.914]	03.91- 08.94	113920	28	35	03.91- 08.94	110206	24	5.4
	(MK)[OM401.973]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
		03.91-	110895	28	55	03.91- 09.96	113855	24	5.4
		03.91-	112159	28	80				
2527 15.1 2527 9.6	[OM401.975]	09.92-	110895	28	55	09.92- 09.96	113855	24	5.4
		09.92-	112159	28	80	09.92-	110206	24	5.4
		10.93- 09.96	113920	28	35				
	[OM401.977]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
		09.92-	110895	28	55	09.92- 09.96	113855	24	5.4
		09.92-	112159	28	80				
	[OM401.978]	03.91-	110895	28	55	03.91-	110206	24	5.4
		03.91-	112159	28	80	03.91- 09.96	113855	24	5.4
		03.91- 08.94	113920	28	35				
	[OM401.979]	09.92-	110895	28	55	09.92-	110206	24	5.4
		09.92-	112159	28	80	09.92- 09.96	113855	24	5.4
		10.93- 09.96	113920	28	35				
	[OM401.980]	03.91-	110895	28	55	03.91-	110206	24	5.4
		03.91-	112159	28	80	03.91- 09.96	113855	24	5.4
		03.91- 09.96	113920	28	35				
	[OM401.991]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
	(NG)[OM422.907]	01.80- 03.91	113920	28	35				
	[OM422.911]	01.80- 03.91	113920	28	35				
	[OM422.913]	01.80- 03.91	113920	28	35				
	[OM422.916]	01.80- 03.91	113920	28	35				
2528 6.4	(Atego)[OM906.921]	05.98- 01.01	112561	28	80	05.98- 09.04	114523	24	4.0
		05.98- 01.01	113448	28	100	05.98- 01.01	111982	24	4.0
2531 11.0	(Axor)[OM906.921]	01.02-	113351	28	100	01.02- 10.04	114523	24	4.0
		01.02-	113448	28	100	01.02-	111982	24	4.0
2531 11.9	(MK)[OM445.929]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
	[OM445.937]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
	(SK)[OM445.929]	07.87- 09.96	113920	28	35				
	[OM445.930]	07.87- 09.96	113920	28	35				
	[OM445.937]	07.87- 09.96	113920	28	35				
2531 11.9	(Actros)[OM541.920]	09.96- 01.01	112561	28	80	09.96- 10.02	113851	24	
		09.96- 01.01	113278	28	100	AC 09.96- 01.01	112107	24	
		09.96- 01.01	113351	28	100	09.96- 10.02	113609	24	6.2
		09.96- 01.01	113448	28	100	09.96- 10.02	111771	24	6.2
	[OM541.922]	09.96-	112561	28	80	AC 09.96-	112107	24	
		09.96-	113278	28	100	09.96- 10.02	113851	24	
		09.96-	113351	28	100	09.96- 10.02	113609	24	6.2
		09.96-	113448	28	100	09.96- 10.02	111771	24	6.2
	[OM541.940]	09.96-	112561	28	80	09.96- 10.02	113851	24	
		09.96-	113278	28	100	09.96- 10.02	111771	24	6.2
		09.96-	113351	28	100	09.96- 10.02	113609	24	6.2
		09.96-	113448	28	100				
	[OM541.942]	09.96-	112561	28	80	09.96- 10.02	113609	24	6.2
		09.96-	113351	28	100	09.96- 10.02	113851	24	
		09.96-	113448	28	100	09.96- 10.02	111771	24	6.2
2531 9.6	(MK)[OM401.972]	12.87- 02.01	113920	28	35	12.87- 09.96	113855	24	5.4
		12.90-	110895	28	55	12.87- 09.96	110206	24	5.4
		12.90- 02.91	110906	28	30				
		12.90-	112159	28	80				
	[OM401.979]	12.87- 02.01	113920	28	35	12.87- 09.96	110206	24	5.4
		12.90-	110895	28	55	12.87- 09.96	113855	24	5.4
		12.90- 02.91	110906	28	30				
		12.90-	112159	28	80				
	[OM401.993]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
		12.90-	110895	28	55	12.87- 09.96	113855	24	5.4
[SK][OM401.979]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4	
[OM401.986]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4	
[OM401.993]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4	



2532 11.9	(Actros)[OM541.920]	04.03-	113278			04.03-	113609	24	6.2	
		04.03-	113351	28	100	04.03-	113851	24		
		04.03-	113448	28	100	04.03-	111771	24	6.2	
	[OM541.940]	04.03-	113278			04.03-	113851	24		
		04.03-	113351	28	100	04.03-	113609	24	6.2	
		04.03-	113448	28	100	04.03-	111771	24	6.2	
		04.03-	113278			04.03-	113851	24		
2533 7.2	(Actros MP2 / MP3)	06.08-	113351	28	100					
	(Axor 2)[OM926.913]	10.04-	112561	28	80	10.04-	111982	24	4.0	
2534 11.0	[OM926.919]	10.04-	112561	28	80	10.04-	114523	24	4.0	
		10.04-	112561	28	80	10.04-	111982	24	4.0	
	[OM926.921]	10.04-	112561	28	80	10.04-	114523	24	4.0	
		10.04-	112561	28	80	10.04-	111982	24	4.0	
	[OM926.945]	10.04-	112561	28	80	10.04-	114523	24	4.0	
		10.04-	112561	28	80	10.04-	111982	24	4.0	
	[OM926.990]	10.04-	112561	28	80	10.04-	114523	24	4.0	
10.04-		112561	28	80	10.04-	111982	24	4.0		
2534 11.0	(MK)[OM441.986]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80	01.91-	110210	24	6.6	
		03.91- 02.01	113920	28	35					
	[OM441.987]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80	01.91-	110210	24	6.6	
		03.91- 01.01	113920	28	35					
	[OM441.989]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80	01.91-	110210	24	6.6	
		03.91- 02.01	113920	28	35					
	[OM441.991]	01.91-	110895	28	55	12.87- 09.96	113855	24	5.4	
		01.91- 02.91	110906	28	30	01.91-	110206	24	5.4	
		01.91-	112159	28	80					
		03.91- 09.96	113920	28	35					
	[OM445.920]	01.91-	110895	28	55	01.91-	110210	24	6.6	
		01.91- 02.91	110906	28	30	12.87- 09.96	110206	24	5.4	
		01.91-	112159	28	80	12.87- 09.96	113855	24	5.4	
		03.94- 01.01	113920	28	35					
	[OM445.921]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80					
		01.94- 01.01	113920	28	35					
	[OM445.922]	01.91-	110895	28	55	01.91-	110206	24	5.4	
		01.91- 02.91	110906	28	30	12.87- 09.96	113855	24	5.4	
		01.91-	112159	28	80					
		01.94- 01.01	113920	28	35					
	[OM445.929]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4	
		07.87- 09.96	113920	28	35					
		07.87- 09.96	113920	28	35					
		07.87- 09.96	113920	28	35					
	[OM445.930]	07.87- 09.96	113920	28	35					
		07.87- 09.96	113920	28	35					
		07.87- 09.96	113920	28	35					
		07.87- 09.96	113920	28	35					
	2535 11.9	(Actros)[OM541.922]	09.96- 01.01	112561	28	80	AC 09.96- 01.01	112107		
			09.96- 01.01	113278			09.96- 10.02	111771	24	6.2
			09.96- 01.01	113351	28	100	09.96- 10.02	113609	24	6.2
			09.96- 01.01	113448	28	100	09.96- 10.02	113851	24	
	2535 12.0	(Axor)[OM457.937]	01.02-	113278			01.02-	113609	24	6.2
			01.02-	113351	28	100	01.02-	113851	24	
			10.04-	113351	28	100				
10.04-			113351	28	100					
2536 11.9	(Actros)[OM541.922]	04.03-	112561	28	80	04.03-	113609	24	6.2	
		04.03-	113278			04.03-	113851	24		
		04.03-	113351	28	100	04.03-	111771	24	6.2	
		04.03-	113448	28	100					
[OM541.942]	04.03-	113278			04.03-	113851	24			
	04.03-	113351	28	100	04.03-	113609	24	6.2		
	04.03-	113448	28	100	04.03-	111771	24	6.2		
	04.03-	113278			04.03-	113851	24			
[OM541.943]	04.03-	113278			04.03-	113851	24			
	04.03-	113351	28	100	04.03-	113609	24	6.2		
	04.03-	113448	28	100	04.03-	111771	24	6.2		
	04.03-	113278			04.03-	113851	24			
2536 12.0	(Actros MP2 / MP3)	06.08-	113351	28	100					
	(Axor 2)[OM457.937]	10.04-	113351	28	100					
2536 14.6	(NG)[OM442.950]	10.81- 03.91	113920	28	35					
		10.81- 03.91	113920	28	35					
		10.81- 03.91	113920	28	35					
		10.81- 03.91	113920	28	35					
2536 18.3	(NG)[OM423.905]	10.81- 03.91	113920	28	35					
		10.81- 03.91	113920	28	35					
2538 12.8	(SK)[OM402.971]	03.91-	110895	28	55	03.91-	110210	24	6.6	
		03.91- 09.96	113920	28	35	03.91-	110206	24	5.4	
	[OM402.972]	03.91-	110895	28	55	07.87- 09.96	113855	24	5.4	
		03.91-	110906	28	30	03.91-	110210	24	6.6	
		03.91- 09.96	113920	28	35	03.91-	110206	24	5.4	
		03.91-	110895	28	55	03.91-	110210	24	6.6	
	[OM402.975]	03.91- 08.96	113920	28	35	07.87- 09.96	113855	24	5.4	
		03.91-	110895	28	55	03.91-	110210	24	6.6	
	[OM402.985]	03.91-	110895	28	55	03.91-	110210	24	6.6	
		03.91- 08.96	113920	28	35	03.91-	110206	24	5.4	
	[OM402.986]	03.91-	110895	28	55	07.87- 09.96	113855	24	5.4	
		03.91- 02.01	113920	28	35	03.91-	110210	24	6.6	
		03.91-	110895	28	55	03.91-	110206	24	5.4	
		03.91- 08.96	113920	28	35	07.87- 09.96	113855	24	5.4	
	[OM402.989]	03.91-	110895	28	55	03.91-	110210	24	6.6	
		03.91-	110906	28	30	07.87- 09.96	113855	24	5.4	
		03.91- 08.96	113920	28	35	03.91-	110206	24	5.4	
03.91-		113920	28	35	03.91-	110206	24	5.4		
2538 14.6	(SK)[OM440.970]	03.91-	112159	28	80	03.91-	110210	24	6.6	
		03.91- 09.96	113920	28	35	03.91-	110206	24	5.4	
	[OM440.971]	03.91-	113920	28	35	03.91-	110206	24	5.4	
		03.91-	113920	28	35	03.91-	110210	24	6.6	
	[OM440.978]	03.91-	112159	28	80	03.91-	110210	24	6.6	
		03.91- 02.01	113920	28	35	03.91-	110206	24	5.4	
	[OM440.980]	03.91-	112159	28	80	03.91-	110210	24	6.6	
		03.91- 09.96	113920	28	35	03.91-	110206	24	5.4	
	[OM440.981]	03.91-	113920	28	35	03.91-	110206	24	5.4	
		03.91- 09.96	113920	28	35	03.91-	110210	24	6.6	
	[OM442.989]	03.91- 08.96	113920	28	35	03.91-	110206	24	5.4	
		03.91-	113920	28	35	03.91-	110210	24	6.6	
	[OM442.997]	03.91- 09.96	113920	28	35	03.91-	110206	24	5.4	
		03.91-	113920	28	35	03.91-	110210	24	6.6	
	[OM446.924]	01.94-	112159	28	80	01.94-	110206	24	5.4	
		01.94-	112159	28	80	01.94-	110206	24	5.4	
	[OM446.928]	01.94-	112159	28	80	01.94-	110206	24	5.4	
01.94-		112159	28	80	01.94-	110206	24	5.4		
[OM446.929]	01.94-	112159	28	80	01.94-	110206	24	5.4		
	01.94-	112159	28	80	01.94-	110206	24	5.4		
[OM446.942]	03.91-	112159	28	80	03.91-	110206	24	5.4		
	03.91-	112159	28	80	03.91-	110206	24	5.4		
[OM446.948]	03.91-	112159	28	80	03.91-	110206	24	5.4		
	03.91-	112159	28	80	03.91-	110206	24	5.4		
2540 11.9	(Actros)[OM541.923]	09.96- 01.01	112561	28	80	09.96- 10.02	113851	24		
		09.96- 01.01	113278			09.96- 10.02	111771	24	6.2	
		09.96- 01.01	113351	28	100	AC 09.96- 01.01	112107			
	[OM541.944]	09.96- 01.01	113448	28	100	09.96- 10.02	113609	24	6.2	
		09.96-	112561	28	80	09.96- 10.02	113851	24		
09.96-	113351	28	100	09.96- 10.02	111771	24	6.2			
09.96-	113448	28	100	09.96- 10.02	113609	24	6.2			



MERCEDES-BENZ Continued

Application list

2540 12.0	(Axor)[OM457.937]	01.02-	113278			01.02- 10.04	113851	24	
		01.02-	113351	28	100	01.02-	113609	24 6.2	
	(Axor 2)[OM457.937]	10.04-	113351	28	100				
	[OM457.948]	10.04-	113351	28	100				
	[OM457.980]	10.04-	113351	28	100				
2541 11.9	(Actros)[OM541.944]	04.03-	113278			04.03-	113851	24	
		04.03-	113351	28	100	04.03-	113609	24 6.2	
		04.03-	113448	28	100	04.03-	111771	24 6.2	
	(Actros MP2 / MP3)[OM541.974]	06.08-	112561	28	80				
	(Actros)[OM541.925]	09.96- 01.01	112561	28	80	09.96- 10.02	113609	24 6.2	
2543 11.9		09.96- 01.01	113278			09.96- 10.02	113851	24	
		09.96- 01.01	113351	28	100	09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113448	28	100	AC 09.96- 01.01	112107		
	[OM541.946]	09.96-	112561	28	80	09.96- 10.02	113851	24	
		09.96-	113351	28	100	09.96- 10.02	113609	24 6.2	
		09.96-	113448	28	100	09.96- 10.02	111771	24 6.2	
	2543 12.0	(Axor)[OM457.937]	01.02-	113278			01.02- 10.04	113851	24
			01.02-	113351	28	100	01.02-	113609	24 6.2
		(Axor 2)[OM457.937]	10.04-	113351	28	100			
		[OM457.948]	10.04-	113351	28	100			
[OM457.980]		10.04-	113351	28	100				
2544 11.9	(Actros)[OM541.946]	04.03-	113278			04.03-	113851	24	
		04.03-	113351	28	100	04.03-	113609	24 6.2	
		04.03-	113448	28	100	04.03-	111771	24 6.2	
	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28	100				
	2544 14.6	(SK)[OM440.970]	07.88- 09.96	113920	28	35	01.92- 09.96	110206	24 5.4
		01.92-	112159	28	80	01.92-	110210	24 6.6	
[OM440.972]		01.92- 09.96	110895	28	55	01.92- 09.96	110206	24 5.4	
		01.92-	112159	28	80	01.92-	110210	24 6.6	
		01.92- 09.96	113920	28	35	01.92-	110210	24 6.6	
[OM440.978]		01.92- 09.96	113920	28	35	01.92- 09.96	110206	24 5.4	
		01.92-	112159	28	80	01.92-	110210	24 6.6	
[OM446.922]		01.92- 09.96	113920	28	35	01.92- 09.96	110206	24 5.4	
		01.94-	112159	28	80	01.92-	110210	24 6.6	
[OM446.942]		01.92- 09.96	113920	28	35	01.92- 09.96	110206	24 5.4	
2546 11.9	(Actros)[OM541.948]	04.03-	113278			04.03-	113851	24	
		04.03-	113351	28	100	04.03-	113609	24 6.2	
	(Actros MP2 / MP3)	06.08-	113351	28	100				
2548 11.9	(Actros)[OM541.948]	04.03-	113278			04.03-	113851	24	
		04.03-	113351	28	100	04.03-	113609	24 6.2	
	(Actros MP2 / MP3)[OM541.948]	04.03-	113351	28	100	04.03-	113851	24	
	[OM541.978]	04.03-	113351	28	100	04.03-	113609	24 6.2	
2548 15.9	(Actros)[OM542.921]	09.96- 01.01	112561	28	80	AC 09.96- 01.01	112107		
		09.96- 01.01	113278			09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113351	28	100	09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113448	28	100	09.96- 10.02	113851	24	
	2550 14.6	(SK)[OM440.971]	01.91- 09.96	113920	28	35	01.91- 09.96	110206	24 5.4
		01.91-	112159	28	80	01.91-	110210	24 6.6	
[OM440.973]		01.91- 09.96	113920	28	35	01.91-	110210	24 6.6	
		01.91-	112159	28	80	01.91-	110206	24 5.4	
[OM440.981]		07.87- 09.96	113920	28	35				
[OM440.998]		01.91- 09.96	111629	28	120	01.91- 09.96	110206	24 5.4	
		01.91- 09.96	111833	28	140	01.91-	110210	24 6.6	
		07.91-	110895	28	55				
		07.91- 09.96	113920	28	35				
[OM442.989]		07.87- 09.96	113920	28	35	01.91- 09.96	110206	24 5.4	
2550 15.9	(Actros MP2 / MP3)[OM542.940]	04.03-	112561	28	80	01.91-	110210	24 6.6	
		04.03-	113448	28	100				
	(Actros MP2 / MP3)[OM542.960]	04.03-	113351	28	100				
	(Actros)[OM542.960]	04.03-	113351	28	100	04.03-	113609	24 6.2	
		04.03-	113351	28	100	04.03-	113851	24	
2553 14.6	(SK)[OM446.920]	01.96-	112159	28	80	01.96-	110206	24 5.4	
	(Actros)[OM542.920]	09.96- 01.01	112561	28	80	09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113278			AC 09.96- 01.01	112107		
2553 15.9		09.96- 01.01	113351	28	100	09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113448	28	100	09.96- 10.02	113851	24	
	(Actros MP2 / MP3)[OM542.942]	04.03-	113448	28	100				
	(Actros MP2 / MP3)[OM542.962]	04.03-	113351	28	100				
	(Actros)[OM542.962]	04.03-	113351	28	100	09.05-	113609	24 6.2	
2555 16.0		09.05-				09.05-	113851	24	
	(Actros)[OM542.922]	09.96-	112561	28	80	AC 09.96-	112107		
		09.96-	113278			09.96- 10.02	113609	24 6.2	
		09.96-	113351	28	100	09.96- 10.02	111771	24 6.2	
		09.96-	113448	28	100	09.96- 10.02	113851	24	
2558 15.9	(Actros MP2 / MP3)[OM542.944]	04.03-	113448	28	100				
	(Actros MP2 / MP3)[OM542.964]	04.03-	113351	28	100				
	(NG)[OM402.906]	03.78- 12.81	110113	28	27	03.77- 12.81	110206	24 5.4	
2626 12.8		03.78- 12.81	110113	28	27	08.73- 12.81	110210	24 6.6	
						08.73- 12.81	112120	24 6.6	
						08.73- 12.81	113855	24 5.4	
	[OM402.912]	03.78- 12.81	110113	28	27	08.73- 02.77	110210	24 6.6	
						03.77- 12.81	110206	24 5.4	
						08.73- 12.81	112120	24 6.6	
						08.73- 12.81	113855	24 5.4	
	[OM402.916]	03.78- 03.81	110113	28	27	03.77- 03.81	110206	24 5.4	
						06.75- 02.77	110210	24 6.6	
						06.75- 03.81	112120	24 6.6	
						06.75- 03.81	113855	24 5.4	
	[OM402.926]	03.78- 12.80	110113	28	27	03.77- 12.80	110206	24 5.4	
						05.74- 02.77	110210	24 6.6	
						05.74- 12.80	112120	24 6.6	
						05.74- 12.80	113855	24 5.4	
2628 14.6	(NG)[OM422.905]	02.80- 10.86	110113	28	27	02.80- 03.91	112120	24 6.6	
		11.86- 03.91	110895	28	55	05.83- 03.91	110210	24 6.6	
		11.86- 03.91	110906	28	30	02.80- 03.91	110206	24 5.4	
						02.80- 03.91	110550	24 4.0	
						02.80- 03.91	113855	24 5.4	
	[OM422.907]	02.80- 10.86	110113	28	27	05.83- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28	55	02.80- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28	30	02.80- 03.91	110206	24 5.4	
						02.80- 03.91	113855	24 5.4	
	[OM422.911]	02.80- 10.86	110113	28	27	02.80- 03.91	112120	24 6.6	
		11.86- 03.91	110895	28	55	05.83- 03.91	110210	24 6.6	
		11.86- 03.91	110906	28	30	02.80- 03.91	110206	24 5.4	
						02.80- 03.91	113855	24 5.4	
	[OM422.913]	02.80- 10.86	110113	28	27	05.83- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28	55	02.80- 03.91	112120	24 6.6	
	11.86- 03.91	110906	28	30	02.80- 03.91	110206	24 5.4		
					02.80- 03.91	113855	24 5.4		



2628 18.3	(NG)[OM443.940]	01.90- 03.91	110895	28	55	01.90- 03.91	110210	24	6.6
		01.90- 03.91	110906	28	30	01.90- 03.91	112120	24	6.6
2628 6.4	(Atego)[OM906.921]	05.98- 01.01	112561	28	80	05.98- 09.04	114523	24	4.0
		05.98- 01.01	113448	28	100	05.98- 01.01	111982	24	4.0
	(Axor)[OM902.915]					10.04-	114523	24	4.0
	[OM906.921]	01.02-	113351	28	100	01.02-	111982	24	4.0
		01.02-	113448	28	100	01.02- 10.04	114523	24	4.0
	[OM906.926]					10.04-	114523	24	4.0
	(Econic)[OM906.941]	03.98- 01.01	112561	28	80	01.98-	114523	24	4.0
		03.98- 01.01	113448	28	100	03.98- 01.01	111982	24	4.0
	[OM906.952]	03.98-	112561	28	80	03.98-	111982	24	4.0
		03.98-	113448	28	100	01.98-	114523	24	4.0
2628 6.9	(Econic)[M906.900]	10.00-	112561	28	80	10.00-	114523	24	4.0
		10.00-	113448	28	100	10.00-	111982	24	4.0
2629 12.8	(SK)[OM402.982]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
2629 14.6	(SK)[OM440.970]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM440.971]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.942]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.959]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.966]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.989]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.997]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
2629 15.1	(SK)[OM442.906]	07.88- 08.94	112159	28	80	07.88- 08.94	110206	24	5.4
	[OM442.907]	07.88- 08.94	112159	28	80	07.88- 08.94	110206	24	5.4
	[OM442.917]	07.88- 08.94	112159	28	80	07.88- 08.94	110206	24	5.4
	[OM442.925]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.926]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.929]	10.88- 08.94	112159	28	80				
	[OM442.929]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
2629 18.3	(SK)[OM443.940]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
2629 4.1	(SK)[OM442.906]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
		10.88- 08.94	112159	28	80				
2629 6.4	(Axor)[OM902.915]					10.04-	114523	24	4.0
	[OM906.921]					10.04-	114523	24	4.0
	[OM906.926]					10.04-	114523	24	4.0
2629 9.6	(SK)[OM401.979]					07.88- 08.94	110206	24	5.4
2631 11.0	(SK)[OM441.998]	07.88- 09.96	113920	28	35	06.92-	110206	24	5.4
	[OM445.920]	06.92- 09.96	113920	28	35	06.92-	110210	24	6.6
	[OM445.929]	07.88- 09.96	113920	28	35	01.94-	110206	24	5.4
	[OM445.930]	06.92- 09.96	113920	28	35	06.92-	110210	24	6.6
	[OM445.931]	06.92- 09.96	113920	28	35	01.94-	110206	24	5.4
						06.92-	110210	24	6.6
						06.92-	110206	24	5.4
						06.92-	110210	24	6.6
2631 11.9	(Actros)[OM541.920]	04.97-	112561	28	80	AC 04.97-	112107		
		04.97-	113278	28	100	04.96- 10.02	113609	24	6.2
		04.97-	113351	28	100	04.96- 10.02	113851	24	6.2
		04.97-	113448	28	100	04.97- 10.02	111771	24	6.2
2631 9.6	(SK)[OM401.972]	06.92-	112159	28	80	06.92-	110206	24	5.4
	[OM401.979]	06.92- 09.96	113920	28	35	06.92-	110210	24	6.6
	[OM401.981]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM401.981]	06.92-	112159	28	80	06.92-	110210	24	6.6
	[OM401.986]	06.92- 09.96	113920	28	35	06.92-	110210	24	6.6
	[OM401.986]	06.92-	112159	28	80	06.92-	110206	24	5.4
	[OM401.987]	06.92- 08.96	113920	28	35	06.92-	110210	24	6.6
	[OM401.987]	06.92- 09.96	110895	28	55	06.92-	110210	24	6.6
	[OM401.987]	06.92- 09.96	112159	28	80	06.92-	110206	24	5.4
	[OM401.987]	06.92- 09.96	113920	28	35				
	[OM401.993]	06.92- 09.96	113920	28	35	06.92-	110206	24	5.4
						06.92-	110210	24	6.6
2632 11.9	(Actros)[OM541.940]	04.03-	112561	28	80	04.03-	111771	24	6.2
		04.03-	113278	28	100	04.03-	113609	24	6.2
		04.03-	113351	28	100	04.03-	113851	24	6.2
		04.03-	113448	28	100	04.03-	113851	24	6.2
	[OM541.970]					04.03-	113609	24	6.2
						04.03-	113851	24	6.2
2632 15.9	(NG)[OM403.916]	03.78- 09.83	110113	28	27	08.73- 09.83	110210	24	6.6
	[OM403.931]	03.78- 09.83	110113	28	27	08.73- 09.83	112120	24	6.6
	[OM403.932]	03.78- 09.83	110113	28	27	08.73- 09.83	113855	24	5.4
	[OM403.935]	03.78- 09.83	110113	28	27	08.73- 09.83	110210	24	6.6
						05.74- 09.83	112120	24	6.6
						05.74- 09.83	110210	24	6.6
						05.74- 09.83	113855	24	5.4
						08.73- 09.83	110210	24	6.6
						08.73- 09.83	112120	24	6.6
						08.73- 09.83	113855	24	5.4
2633 14.6	(NG)[OM422.952]	05.82- 10.86	110113	28	27	05.82- 05.87	110210	24	6.6
		11.86- 05.87	110895	28	55	05.82- 05.87	112120	24	6.6
		11.86- 05.87	110906	28	30	05.82- 05.87	113855	24	5.4
	[OM422.954]	05.82- 10.86	110113	28	27	02.82- 05.87	110550	24	4.0
		11.86- 05.87	110895	28	55	05.82- 05.87	112120	24	6.6
		11.86- 05.87	110906	28	30	05.82- 05.87	113855	24	5.4
	[OM422.956]	05.82- 10.87	110113	28	27	05.82- 05.87	110210	24	6.6
		11.86- 05.87	110895	28	55	05.82- 05.87	113855	24	5.4
		11.86- 05.87	110906	28	30	05.82- 05.87	112120	24	6.6
						05.82- 05.87	110550	24	4.0
2633 6.4	(Econic)						111982	24	4.0
							114523	24	4.0
2633 7.2	(Axor)[OM926.913]					10.04-	114523	24	4.0
	(Axor 2)[OM926.913]	10.04-	113448	28	100				
	[OM926.919]	10.04-	113448	28	100				
	[OM926.945]	10.04-	113448	28	100				
	(Econic)[OM926.921]					10.01-	111982	24	4.0
	[OM926.934]					10.01-	114523	24	4.0
						10.01-	111982	24	4.0
						10.01-	114523	24	4.0
2634 11.0	(SK)[OM441.986]	06.92- 09.96	113920	28	35	06.92- 09.96	110206	24	5.4
2634 9.6	(SK)[OM401.986]	06.92- 08.96	113920	28	35				
2635 11.9	(Actros)[OM541.922]	04.97-	112561	28	80	AC 04.97-	112107		
		04.97-	113278	28	100	04.96- 10.02	113609	24	6.2
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2
		04.97-	113448	28	100	04.96- 10.02	113851	24	6.2
2635 12.8	(SK)[OM402.971]	01.91- 08.94	113920	28	35	01.91- 08.94	110206	24	5.4
2635 14.6	(NG)[OM442.950]	04.86- 10.86	110113	28	27	04.86- 03.91	110206	24	5.4
		11.86- 03.91	110895	28	55	04.86- 03.91	113855	24	5.4
		11.86- 03.91	110906	28	30				
	[OM442.952]	04.86- 10.86	110113	28	27	04.86- 03.91	110206	24	5.4
		11.86- 03.91	110895	28	55	04.86- 03.91	113855	24	5.4
		11.86- 03.91	110906	28	30				
	[OM442.962]	09.87- 03.91	113920	28	35	09.87- 03.91	110206	24	5.4
		10.88- 03.91	112159	28	80				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

Application list

	(SK)[OM440.940]	07.88-08.94	112159	28	80	07.88-08.94	110206	24	5.4
		03.91-08.94	113920	28	35				
	[OM440.941]	03.91-08.94	113920	28	35	02.90-08.94	110206	24	5.4
	[OM440.942]	03.91-08.94	113920	28	35	02.90-08.94	110206	24	5.4
	[OM440.970]	07.91-08.94	113920	28	35	07.91-08.94	110206	24	5.4
	[OM440.971]	12.91-08.94	113920	28	35	02.90-08.94	110206	24	5.4
	[OM440.973]	12.91-08.94	113920	28	35	02.90-08.94	110206	24	5.4
	[OM442.942]	02.90-08.94	112159	28	80	02.90-08.94	110206	24	5.4
		02.90-08.94	113920	28	35				
	[OM442.944]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
		10.88-08.94	112159	28	80				
	[OM442.964]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
		10.88-08.94	112159	28	80				
	[OM442.966]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
		10.88-08.94	112159	28	80				
	[OM442.972]	02.90-08.94	112159	28	80	02.90-08.94	110206	24	5.4
		02.90-08.94	113920	28	35				
	[OM442.976]	07.88-08.94	110895	28	55				
		07.88-08.94	113920	28	35				
		10.88-08.94	112159	28	80				
	[OM442.989]	07.88-09.96	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.994]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.997]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
2635 15.1	(SK)[OM442.909]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
	[OM442.923]	07.88-08.94	113920	28	35	07.88-08.94	110206	24	5.4
2636 11.9	(Actros)[OM541.942]	04.03-	112561	28	80	04.03-	111771	24	6.2
		04.03-	113278			04.03-	113609	24	6.2
		04.03-	113351	28	100	04.03-	113851	24	
		04.03-	113448	28	100				
	[OM541.972]					04.03-	113609	24	6.2
						04.03-	113851	24	
2636 12.0	(Axor)[OM457.937]					10.04-	113609	24	6.2
						10.04-	113851	24	
	[OM457.948]					10.04-	113609	24	6.2
						10.04-	113851	24	
	(Axor 2)[OM457.937]	10.04-	113351	28	100				
2636 18.3	(NG)[OM423.905]	11.81-10.86	110113	28	27	11.81-03.91	110210	24	6.6
		11.86-03.91	110895	28	55	11.81-03.91	112120	24	6.6
		11.86-03.91	110906	28	30	11.81-03.91	113855	24	5.4
						11.81-03.91	110550	24	4.0
	[OM423.907]	11.81-10.86	110113	28	27	11.81-03.91	113855	24	5.4
		11.86-03.91	110895	28	55	11.81-03.91	112120	24	6.6
		11.86-03.91	110906	28	30	11.81-03.91	110210	24	6.6
	[OM443.940]	11.81-10.86	110113	28	27	11.81-03.91	112120	24	6.6
		11.86-03.91	110895	28	55	11.81-03.91	110210	24	6.6
		11.86-03.91	110906	28	30	01.90-03.91	110550	24	4.0
2638 12.8	(SK)[OM402.971]	09.91-	110895	28	55	09.91-	110206	24	5.4
		09.91-	112159	28	80				
		09.91-08.96	113920	28	35				
	[OM402.972]	09.91-	110895	28	55	09.91-	110206	24	5.4
		09.91-	112159	28	80				
		09.91-08.96	113920	28	35				
	[OM402.975]	09.91-09.96	110895	28	55	09.91-09.96	110206	24	5.4
		09.91-09.96	112159	28	80				
		09.91-09.96	113920	28	35				
	[OM402.978]	09.91-09.96	110895	28	55	09.91-09.96	110206	24	5.4
		09.91-09.96	112159	28	80				
		09.91-09.96	113920	28	35				
	[OM402.985]	03.91-	110895	28	55	09.91-	110206	24	5.4
		03.91-09.96	113920	28	35				
	[OM402.986]	03.91-	110895	28	55	09.91-	110206	24	5.4
		03.91-09.96	113920	28	35				
	[OM402.996]	09.91-09.96	110895	28	55	09.91-09.96	110206	24	5.4
		09.91-09.96	112159	28	80				
		09.91-09.96	113920	28	35				
2638 14.6	(NG)[OM422.953]	01.81-10.86	110113	28	27	01.81-12.86	113855	24	5.4
		06.85-12.86	113920	28	35	01.81-12.86	110210	24	6.6
		11.86-12.86	110895	28	55	01.81-12.86	112120	24	6.6
		11.86-12.86	110906	28	30				
	[OM422.955]	01.81-10.86	110113	28	27	01.81-12.86	113855	24	5.4
		06.85-12.86	113920	28	35	01.81-12.86	110210	24	6.6
		11.86-12.86	110895	28	55	01.81-12.86	112120	24	6.6
		11.86-12.86	110906	28	30				
	[OM422.959]	06.85-12.86	113920	28	35	01.81-12.86	112120	24	6.6
		11.86-12.86	110895	28	55	01.81-12.86	110210	24	6.6
	(SK)[OM440.970]	09.91-09.96	113920	28	35	09.91-09.96	110206	24	5.4
	[OM440.978]	09.91-08.96	113920	28	35	09.91-	110206	24	5.4
	[OM440.979]	07.92-09.96	113920	28	35	07.92-09.96	110206	24	5.4
	[OM440.981]	09.91-08.96	113920	28	35	09.91-	110206	24	5.4
	[OM440.982]	07.92-08.96	113920	28	35	07.92-	110206	24	5.4
	[OM440.990]	09.91-08.96	113920	28	35	09.91-	110206	24	5.4
	[OM442.989]	09.91-09.96	113920	28	35	09.91-	110206	24	5.4
	[OM442.997]	09.91-09.96	113920	28	35	09.91-	110206	24	5.4
	[OM446.924]	09.91-	112159	28	80	09.91-	110206	24	5.4
		01.94-	110895	28	55				
	[OM446.925]	09.91-	112159	28	80	09.91-	110206	24	5.4
		01.94-	110895	28	55				
	[OM446.926]	09.91-	112159	28	80	09.91-	110206	24	5.4
		01.94-	110895	28	55				
	[OM446.927]	01.94-09.96	112159	28	80	01.94-09.96	110206	24	5.4
	[OM446.936]	07.92-08.96	113920	28	35	07.92-	110206	24	5.4
2640 11.9	(Actros)[OM541.923]	09.96-	112561	28	80	04.96-10.02	113851	24	
		09.96-	113278			04.96-10.02	113609	24	6.2
		09.96-	113351	28	100	AC 09.96-	112107		
		09.96-	113448	28	100	09.96-10.02	111771	24	6.2
						12.90-	110206	24	5.4
2640 12.0	(Axor)[OM457.956]					10.04-	113609	24	6.2
						10.04-	113851	24	
	[OM457.957]					10.04-	113609	24	6.2
						10.04-	113851	24	
	(Axor 2)[OM457.937]	10.04-	113351	28	100				
2641 11.9	(Actros)[OM541.944]	04.03-	112561	28	80	04.03-	113851	24	
		04.03-	113278			04.03-	113609	24	6.2
		04.03-	113351	28	100	04.03-	111771	24	6.2
		04.03-	113448	28	100				
	[OM541.974]					04.03-	113609	24	6.2
						04.03-	113851	24	
2643 11.9	(Actros)[OM541.925]	04.97-	112561	28	80	04.97-10.02	111771	24	6.2
		04.97-	113278			04.96-10.02	113609	24	6.2
		04.97-	113351	28	100	AC 04.97-	112107		
		04.97-	113448	28	100	04.96-10.02	113851	24	
2643 12.0	(Axor)[OM457.956]					10.04-	113609	24	6.2
						10.04-	113851	24	
	[OM457.957]					10.04-	113609	24	6.2
						10.04-	113851	24	
	(Axor 2)[OM457.937]	10.04-	113351	28	100				
2644 11.9	(Actros)[OM541.946]	06.03-	112561	28	80	04.03-	111771	24	6.2
		06.03-	113278			04.03-	113609	24	6.2
		06.03-	113351	28	100	04.03-	113851	24	
		06.03-	113448	28	100				
	[OM541.976]					04.03-	113609	24	6.2
						04.03-	113851	24	



2644 14.6	(NG)[OM442.951]	10.85- 02.90	113920	28	35	10.85- 02.90	110206	24	5.4
		11.86- 02.90	110895	28	55				
	[OM442.953]	10.85- 10.86	110113	28	27	10.85- 02.90	113855	24	5.4
		10.85- 02.90	113920	28	35	10.85- 02.90	110206	24	5.4
		10.86- 02.90	110895	28	55				
		10.86- 02.90	110906	28	30				
		10.88- 02.90	112159	28	80				
	[OM442.980]	10.85- 10.86	110113	28	27	10.85- 02.90	113855	24	5.4
		10.85- 02.90	113920	28	35	10.85- 02.90	110206	24	5.4
		11.86- 02.90	110895	28	55				
		11.86- 02.90	110906	28	30				
		10.88- 02.90	112159	28	80				
	(SK)[OM440.970]	01.92- 09.96	110895	28	55	01.92- 09.96	110206	24	5.4
		01.92- 09.96	112159	28	80				
		01.92- 09.96	113920	28	35				
	[OM440.979]	01.92- 09.96	110895	28	55	01.92- 09.96	110206	24	5.4
		01.92- 09.96	113920	28	35				
	[OM446.922]	01.94- 09.96	110895	28	55	01.92- 09.96	110206	24	5.4
		01.94- 09.96	112159	28	80				
	[OM446.936]	01.94- 09.96	112159	28	80	01.92- 09.96	110206	24	5.4
2645 14.6	(SK)[OM442.989]	02.90- 09.96	113920	28	35				
2646 11.9	(Actros)[OM541.948]	06.03- 09.96	112561	28	80	06.03- 09.96	111771	24	6.2
		06.03- 09.96	113278	28	100	04.03- 09.96	113609	24	6.2
		06.03- 09.96	113351	28	100	04.03- 09.96	113851	24	6.2
	[OM541.980]					04.03- 09.96	113609	24	6.2
						04.03- 09.96	113851	24	6.2
2648 11.9	(Actros)[OM541.948]					04.03- 09.96	113609	24	6.2
						04.03- 09.96	113851	24	6.2
	(Actros MP2 / MP3)[OM541.948]	04.03- 09.96	113351	28	100				
	[OM541.978]	04.03- 09.96	113351	28	100				
2648 14.6	(SK)[OM442.983]	12.88- 07.92	113920	28	35	12.88- 07.92	110206	24	5.4
	[OM442.985]	12.88- 07.92	112159	28	80	12.88- 07.92	110206	24	5.4
		12.88- 07.92	113920	28	35				
	[OM442.989]	07.88- 08.94	113920	28	35	12.88- 08.94	110206	24	5.4
		12.88- 07.92	112159	28	80				
	[OM442.992]	12.88- 07.92	112159	28	80	12.88- 07.92	110206	24	5.4
		12.88- 07.92	113920	28	35				
	[OM442.994]	12.88- 07.92	112159	28	80	12.88- 07.92	110206	24	5.4
		12.88- 07.92	113920	28	35				
2648 15.9	(Actros)[OM542.921]	09.96- 10.02	112561	28	80	AC 09.96- 10.02	112107	24	6.2
		09.96- 10.02	113278	28	100	04.96- 10.02	113609	24	6.2
		09.96- 10.02	113351	28	100	09.96- 10.02	111771	24	6.2
		09.96- 10.02	113448	28	100	04.96- 10.02	113851	24	6.2
2650 14.6	(SK)[OM440.971]	07.88- 09.96	113920	28	35	07.88- 08.94	110206	24	5.4
						07.92- 09.96	110210	24	6.6
	[OM440.973]	07.92- 09.96	110895	28	55	07.92- 09.96	110206	24	5.4
		07.92- 09.96	113920	28	35	07.92- 09.96	110210	24	6.6
	[OM440.982]	07.87- 09.96	113920	28	35	07.87- 09.96	110206	24	5.4
	[OM442.989]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.994]	07.88- 08.94	113920	28	35	07.88- 08.94	110206	24	5.4
	[OM442.997]	07.88- 09.96	113920	28	35	07.88- 09.96	110206	24	5.4
		07.92- 09.96	112159	28	80	07.92- 09.96	110210	24	6.6
2650 15.9	(Actros)[OM542.940]	04.03- 09.96	112561	28	80	04.03- 09.96	113851	24	6.2
		04.03- 09.96	113278	28	100	04.03- 09.96	113609	24	6.2
		04.03- 09.96	113351	28	100	04.03- 09.96	111771	24	6.2
		04.03- 09.96	113448	28	100				
2651 15.9	(Actros)[OM542.940]	04.03- 09.96	112561	28	80	04.03- 09.96	113851	24	6.2
		04.03- 09.96	113351	28	100	04.03- 09.96	111771	24	6.2
		04.03- 09.96	113448	28	100				
	(Actros MP2 / MP3)[OM542.960]	04.03- 09.96	113351	28	100				
2653 14.6	(SK)[OM446.920]					01.96- 09.96	110206	24	5.4
	[OM446.946]					07.92- 09.96	110206	24	5.4
2653 15.9	(Actros)[OM542.920]	09.96- 10.02	112561	28	80	AC 04.96- 10.02	113609	24	6.2
		09.96- 10.02	113278	28	100	09.96- 10.02	112107	24	6.2
		09.96- 10.02	113351	28	100	09.96- 10.02	111771	24	6.2
		09.96- 10.02	113448	28	100	04.96- 10.02	113851	24	6.2
2654 15.9	(Actros)[OM542.942]	04.03- 09.96	112561	28	80	04.03- 09.96	113609	24	6.2
		04.03- 09.96	113278	28	100	04.03- 09.96	113851	24	6.2
		04.03- 09.96	113351	28	100	04.03- 09.96	111771	24	6.2
		04.03- 09.96	113448	28	100				
2655 15.9	(Actros)[OM542.942]	04.03- 09.96	112561	28	80	04.03- 09.96	111771	24	6.2
		04.03- 09.96	113351	28	100	04.03- 09.96	113609	24	6.2
		04.03- 09.96	113448	28	100	04.03- 09.96	113851	24	6.2
	(Actros MP2 / MP3)[OM542.962]	04.03- 09.96	113351	28	100				
2657 15.9	(Actros)[OM542.922]	04.97- 01.01	112561	28	80	AC 04.97- 01.01	112107	24	6.2
		04.97- 01.01	113278	28	100	04.97- 01.01	113609	24	6.2
		04.97- 01.01	113351	28	100	04.97- 01.01	111771	24	6.2
		04.97- 01.01	113448	28	100	04.97- 01.01	113851	24	6.2
2658 15.9	(Actros)[OM542.944]	04.03- 09.96	112561	28	80	04.03- 09.96	113609	24	6.2
		04.03- 09.96	113278	28	100	04.03- 09.96	113851	24	6.2
		04.03- 09.96	113351	28	100	04.03- 09.96	111771	24	6.2
		04.03- 09.96	113448	28	100				
2660 15.9	(Actros MP2 / MP3)[OM542.964]	05.05- 09.96	113351	28	100				
2732 11.9	(Actros MP2 / MP3)	06.08- 09.96	113351	28	100				
2733 7.2	(Zetros)[OM926.935]					09.08- 09.96	114523	24	4.0
	[OM926.936]					09.08- 09.96	114523	24	4.0
2736 11.9	(Actros MP2 / MP3)	06.08- 09.96	113351	28	100				
2741 11.9	(Actros MP2 / MP3)	06.08- 09.96	113351	28	100				
2744 11.9	(Actros MP2 / MP3)	06.08- 09.96	113351	28	100				
2746 11.9	(Actros MP2 / MP3)	06.08- 09.96	113351	28	100				
2748 11.9	(Actros MP2 / MP3)	06.08- 09.96	113351	28	100				
3025 14.6	(NG)[OM422.909]	08.83- 03.91	113920	28	35	08.83- 03.91	112120	24	6.6
	[OM422.912]	08.83- 03.91	113920	28	35	08.83- 03.91	112120	24	6.6
	[OM422.919]	12.85- 07.87	110113	28	27	12.85- 07.87	110206	24	5.4
		11.86- 07.87	110895	28	55	12.85- 07.87	110210	24	6.6
		11.86- 07.87	110906	28	30	12.85- 07.87	112120	24	6.6
						12.85- 07.87	113855	24	5.4
	[OM422.920]	12.85- 07.87	110113	28	27	12.85- 07.87	110206	24	5.4
		11.86- 07.87	110895	28	55	12.85- 07.87	110210	24	6.6
		11.86- 07.87	110906	28	30	12.85- 07.87	112120	24	6.6
						12.85- 07.87	113855	24	5.4
	[OM442.920]	11.86- 07.87	110895	28	55	12.85- 07.87	112120	24	6.6
		11.86- 07.87	113920	28	35	12.85- 07.87	110210	24	6.6
						12.85- 07.87	110206	24	5.4
3028 14.6	(NG)[OM422.905]	06.85- 08.89	113920	28	35	05.83- 08.89	110210	24	6.6
		11.86- 08.89	110895	28	55	02.80- 08.89	110206	24	5.4
	[OM422.911]	06.85- 08.89	113920	28	35	05.83- 08.89	110210	24	6.6
		11.86- 08.89	110895	28	55	02.80- 08.89	110206	24	5.4
	[OM422.919]	12.85- 07.87	113920	28	35	12.85- 07.87	110210	24	6.6
						12.85- 07.87	110206	24	5.4
3033 14.6	(NG)[OM422.954]	06.85- 05.87	113920	28	35	05.83- 05.87	110210	24	6.6
		11.86- 05.87	110895	28	55	12.82- 05.87	110206	24	5.4
	[OM422.957]	06.85- 05.87	113920	28	35	05.83- 05.87	110210	2	



MERCEDES-BENZ Continued

Application list

3038 14.6	(NG)[OM422.953]	06.85- 12.86 113920 28 35	01.81- 12.86 110210 24 6.6
		11.86- 12.86 110895 28 55	
	[OM422.955]	06.85- 12.86 113920 28 35	01.81- 12.86 110210 24 6.6
3050 14.6	(SK)[OM440.976]	12.93- 09.96 110895 28 55	12.93- 09.96 110206 24 5.4
		12.93- 09.96 112159 28 80	02.91- 110210 24 6.6
		12.93- 09.96 113920 28 35	
3053 14.6	[OM446.933]	01.94- 09.96 112159 28 80	01.94- 09.96 110206 24 5.4
	(SK)[OM440.976]	12.93- 09.96 110895 28 55	12.93- 110206 24 5.4
		12.93- 09.96 112159 28 80	
3228 14.6	(NG)[OM422.919]	07.87- 03.91 110895 28 55	07.87- 03.91 110206 24 5.4
		07.87- 03.91 110906 28 30	07.87- 03.91 113855 24 5.4
		10.88- 03.91 112159 28 80	
3229 15.1	[OM422.921]	07.87- 03.91 110895 28 55	07.87- 03.91 110206 24 5.4
		07.87- 03.91 110906 28 30	07.87- 03.91 113855 24 5.4
		10.88- 03.91 112159 28 80	
3228 6.4	(Axor)[OM906.921]		01.02- 10.04 114523 24 4.0
3229 15.1	(SK)[OM442.915]	09.89- 08.94 113920 28 35	09.89- 08.94 110206 24 5.4
	[OM442.916]	09.89- 07.92 110113 28 27	
		09.89- 07.92 110895 28 55	
		09.89- 07.92 110906 28 30	
		09.89- 07.92 112159 28 80	
		09.89- 08.94 113920 28 35	
	[OM442.923]	09.89- 01.92 113920 28 35	09.89- 01.92 110206 24 5.4
	[OM442.927]	09.89- 08.94 112159 28 80	09.89- 08.94 110206 24 5.4
		09.89- 08.91 113920 28 35	
		09.89- 08.94 112159 28 80	09.89- 08.94 110206 24 5.4
3231 11.0	(MK)[OM445.929]	12.87- 09.96 113920 28 35	
3231 11.9	(Actros)[OM541.920]	04.97- 01.01 112561 28 80	04.97- 10.02 113851 24
		04.97- 01.01 113278 28 100	04.97- 10.02 113609 24 6.2
		04.97- 01.01 113351 28 100	04.97- 10.02 111771 24 6.2
		04.97- 01.01 113448 28 100	AC 04.97- 01.01 112107
	[OM541.940]	04.03- 113351 28 100	04.03- 111771 24 6.2
3231 9.6	(MK)[OM401.972]	12.87- 09.96 113920 28 35	04.03- 113609 24 6.2
	[OM401.979]	12.87- 09.96 113920 28 35	04.03- 113851 24
	[OM401.993]	12.87- 09.96 113920 28 35	
3232 11.9	(Actros)[OM541.920]	04.03- 113351 28 100	04.03- 111771 24 6.2
			04.03- 113609 24 6.2
			04.03- 113851 24
	[OM541.940]	04.03- 113351 28 100	04.03- 111771 24 6.2
			04.03- 113609 24 6.2
3233 11.0	(Actros MP2 / MP3)[OM541.970]	04.03- 112561 28 80	04.03- 111771 24 6.2
	[OM541.996]	04.03- 112561 28 80	04.03- 111771 24 6.2
	(SK)[OM441.982]	10.90- 07.92 112159 28 80	10.90- 07.92 110206 24 5.4
3234 11.0	[OM441.985]	10.90- 08.91 113920 28 35	
		10.90- 07.92 112159 28 80	10.90- 07.92 110206 24 5.4
		10.90- 08.91 113920 28 35	
3235 11.9	(SK)[OM441.988]	02.92- 112159 28 80	02.92- 110206 24 5.4
	[OM441.990]	02.92- 112159 28 80	02.92- 110206 24 5.4
	[OM441.992]	02.92- 112159 28 80	02.92- 110206 24 5.4
	[OM445.922]	02.92- 09.96 113920 28 35	02.92- 110206 24 5.4
	(Actros)[OM541.922]	04.97- 112561 28 80	04.97- 10.02 113609 24 6.2
3235 14.6		04.97- 113278 28 100	04.97- 10.02 111771 24 6.2
		04.97- 113351 28 100	04.97- 10.02 113851 24
	[OM541.942]	04.97- 113448 28 100	AC 04.97- 112107
		04.97- 112561 28 80	04.97- 113609 24 6.2
		04.97- 113278 28 100	04.97- 113851 24
		04.97- 113351 28 100	04.97- 10.02 111771 24 6.2
		04.97- 113448 28 100	
	(NG)[OM442.944]	07.88- 08.94 113920 28 35	07.88- 08.94 110206 24 5.4
		10.88- 08.94 110895 28 55	
	(SK)[OM442.944]	07.87- 09.96 113920 28 35	07.87- 09.96 110206 24 5.4
3236 11.9	[OM442.952]	07.87- 02.91 113920 28 35	07.87- 07.92 110206 24 5.4
		10.88- 05.91 112159 28 80	
	[OM442.959]	10.88- 07.92 112159 28 80	07.87- 07.92 110206 24 5.4
		10.88- 08.91 113920 28 35	
	[OM442.963]	07.87- 09.96 113920 28 35	07.87- 09.96 110206 24 5.4
	[OM442.976]	07.87- 09.96 113920 28 35	07.87- 09.96 110206 24 5.4
	(Actros MP2 / MP3)[OM541.972]	04.03- 112561 28 80	04.03- 111771 24 6.2
		04.03- 113448 28 100	
	[OM541.998]	04.03- 112561 28 80	04.03- 111771 24 6.2
		04.03- 113448 28 100	
3236 12.0	(Axor)[OM457.956]		10.04- 113609 24 6.2
	[OM457.957]		10.04- 113851 24
3238 12.8	(SK)[OM402.971]	10.90- 02.01 112159 28 80	10.04- 113609 24 6.2
		10.90- 09.96 113920 28 35	10.04- 113851 24
	[OM402.972]	07.87- 09.96 113920 28 35	07.87- 09.96 110206 24 5.4
	[OM402.973]	10.90- 02.01 112159 28 80	10.90- 02.01 110206 24 5.4
		10.90- 08.91 113920 28 35	
	[OM402.975]	03.91- 09.96 113920 28 35	
	[OM402.977]	10.90- 02.01 113920 28 35	10.90- 02.01 110206 24 5.4
	[OM402.982]	10.90- 02.01 112159 28 80	10.90- 02.01 110206 24 5.4
		10.90- 08.91 113920 28 35	
	[OM402.985]	07.87- 09.96 113920 28 35	07.87- 09.96 110206 24 5.4
	[OM402.986]	07.87- 09.96 113920 28 35	07.87- 09.96 110206 24 5.4
	[OM402.987]	10.90- 02.01 113920 28 35	10.90- 02.01 110206 24 5.4
	(SK)[OM440.970]	06.91- 02.01 112159 28 80	10.90- 02.01 110206 24 5.4
		10.91- 02.01 113920 28 35	
	3238 14.6	[OM440.971]	10.90- 02.01 113920 28 35
[OM440.980]		06.91- 02.01 112159 28 80	10.90- 02.01 110206 24 5.4
		10.91- 02.01 113920 28 35	
[OM442.989]		10.90- 02.01 113920 28 35	10.90- 02.01 110206 24 5.4
[OM442.997]			10.90- 02.01 110206 24 5.4
[OM446.925]			07.87- 09.96 110206 24 5.4
[OM446.926]		01.94- 112159 28 80	01.94- 110206 24 5.4
[OM446.927]			07.87- 09.96 110206 24 5.4
[OM446.939]		01.94- 112159 28 80	01.94- 110206 24 5.4
(SK)[OM423.905]		03.91- 09.96 113920 28 35	
3240 11.9	[OM423.907]	03.91- 09.96 113920 28 35	
	(Actros)[OM541.923]	04.97- 01.01 112561 28 80	AC 04.97- 01.01 112107
		04.97- 01.01 113278 28 100	04.97- 10.02 113609 24 6.2
3240 12.0		04.97- 01.01 113351 28 100	04.97- 10.02 111771 24 6.2
		04.97- 01.01 113448 28 100	04.97- 10.02 113851 24
	(Axor)[OM457.937]		03.05- 113609 24 6.2
	[OM457.948]		03.05- 113851 24
	[OM457.956]		03.05- 113609 24 6.2
3240 12.0	[OM457.957]		10.04- 113851 24
			10.04- 113609 24 6.2
			10.04- 113851 24



3241 11.9	(Actros)[OM541.944]	04.03-	113351	28	100		04.03-	111771	24	6.2	
							04.03-	113609	24	6.2	
							04.03-	113851	24		
	(Actros MP2 / MP3)[OM541.944]	06.08-	113351	28	100						
	OM541.974]	04.03-	113448	28	100		04.03-	111771	24	6.2	
	OM541.990]	04.03-	113448	28	100		04.03-	111771	24	6.2	
3243 11.9	(Actros)[OM541.924]	04.97-	112561	28	80		AC 04.97-	112107			
		04.97-	113278				04.97- 10.02	113609	24	6.2	
		04.97-	113351	28	100		04.97- 10.02	111771	24	6.2	
		04.97-	113448	28	100		04.97- 10.02	113851	24		
	OM541.925]	04.97- 01.01	112561	28	80		AC 04.97- 01.01	112107			
		04.97- 01.01	113278				04.97- 10.02	111771	24	6.2	
		04.97- 01.01	113351	28	100		04.97- 10.02	113609	24	6.2	
		04.97- 01.01	113448	28	100		04.97- 10.02	113851	24		
3243 12.0	(Axor)[OM457.948]						03.05-	113609	24	6.2	
							03.05-	113851	24		
	OM457.956]						10.04-	113609	24	6.2	
							10.04-	113851	24		
	OM457.957]					10.04-	113609	24	6.2		
						10.04-	113851	24			
3244 11.9	(Actros MP2 / MP3)[OM541.976]	04.03-	113351	28	100		04.03-	112107			
	OM541.992]	04.03-	113351	28	100		04.03-	112107			
3244 14.6	(SK)[OM440.970]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM440.980]	01.94- 09.96	113920	28	35		01.94- 09.96	110206	24	5.4	
	OM446.922]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM446.939]	01.94- 09.96	113920	28	35		01.94- 09.96	110206	24	5.4	
	(Actros)[OM541.948]						04.03-	113609	24	6.2	
						04.03-	113851	24			
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28	80						
	OM541.980]	04.03-	112561	28	80						
	OM541.994]	04.03-	112561	28	80						
3248 11.9	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28	100						
3248 11.9	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28	100						
3248 14.6	(SK)[OM442.984]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM442.985]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM442.989]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM442.992]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
3250 14.6	(SK)[OM440.971]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM440.973]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM440.975]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	OM442.997]	07.87- 09.96	113920	28	35		07.87- 09.96	110206	24	5.4	
	(NG)[OM423.908]	09.85- 08.94	110895	28	55		09.85- 08.94	110210	24	6.6	
	10.88- 08.94	112159	28	80		09.85- 08.94	112120	24	6.6		
						09.85- 08.94	113855	24	5.4		
	OM423.950]	09.85- 08.94	110895	28	55		09.85- 08.94	110210	24	6.6	
		10.88- 08.94	112159	28	80		09.85- 08.94	112120	24	6.6	
						09.85- 08.94	113855	24	5.4		
	OM423.951]	09.85- 08.94	110895	28	55		09.85- 08.94	112120	24	6.6	
		10.88- 08.94	112159	28	80		09.85- 08.94	110210	24	6.6	
						09.85- 08.94	113855	24	5.4		
3253 14.6	(SK)[OM446.920]	01.96-	112159	28	80		01.96-	110206	24	5.4	
	OM446.933]	01.96-	112159	28	80		01.96-	110206	24	5.4	
	OM446.945]	01.96-	112159	28	80		01.96-	110206	24	5.4	
3328 14.6	(NG)[OM422.905]	02.80- 03.91	113920	28	35		02.80- 03.91	112120	24	6.6	
	OM422.907]	02.80- 03.91	113920	28	35		02.80- 03.91	112120	24	6.6	
	OM422.911]	02.80- 03.91	113920	28	35		02.80- 03.91	112120	24	6.6	
	OM422.913]	02.80- 03.91	113920	28	35		02.80- 03.91	112120	24	6.6	
	OM422.914]	07.82- 10.86	110113	28	27		07.82- 07.87	110206	24	5.4	
		11.86- 07.87	110895	28	55		05.83- 07.87	110210	24	6.6	
		11.86- 07.87	110906	28	30		07.82- 07.87	112120	24	6.6	
							07.82- 07.87	110550	24	4.0	
							07.82- 07.87	113855	24	5.4	
		OM422.916]	02.80- 03.91	113920	28	35		02.80- 03.91	112120	24	6.6
		OM422.919]	07.82- 10.86	110113	28	27		07.82- 07.87	112120	24	6.6
		11.86- 07.87	110895	28	55		05.83- 07.87	110210	24	6.6	
		11.86- 07.87	110906	28	30		07.82- 07.87	110206	24	5.4	
						07.82- 07.87	110550	24	4.0		
						07.82- 07.87	113855	24	5.4		
3331 11.9	(Actros)[OM541.920]	04.97-	112561	28	80		AC 04.97-	113609	24	6.2	
		04.97-	113278				112107				
		04.97-	113351	28	100		AC 04.97-	10.02	111771	24	6.2
		04.97-	113448	28	100		04.97- 10.02	113851	24		
	OM541.926]	04.97-	112561	28	80		04.97- 10.02	111771	24	6.2	
		04.97-	113278				04.97- 10.02	113609	24	6.2	
		04.97-	113351	28	100		AC 04.97-	10.02	112107		
		04.97-	113448	28	100		04.97- 10.02	113851	24		
	OM541.940]	04.03-	113351	28	100		04.03-	111771	24	6.2	
							04.03-	113609	24	6.2	
						04.03-	113851	24			
	OM541.970]					04.03-	111771	24	6.2		
						04.03-	113609	24	6.2		
						04.03-	113851	24			
3332 11.9	(Actros)[OM541.920]	04.03-	113351	28	100		04.03-	111771	24	6.2	
							04.03-	113609	24	6.2	
							04.03-	113851	24		
	OM541.940]	04.03-	113351	28	100		04.03-	113851	24		
						04.03-	111771	24	6.2		
						04.03-	113609	24	6.2		
						04.03-	113851	24			
	OM541.941]					04.03-	113609	24	6.2		
						04.03-	113851	24			
	OM541.970]					04.03-	111771	24	6.2		
						04.03-	113609	24	6.2		
						04.03-	113851	24			
3332 12.0	(Actros MP2 / MP3)		113448	28	100						
	(Actros)[OM541.970]						04.03-	113609	24	6.2	
						04.03-	113851	24			
3333 14.6	(NG)[OM422.954]	12.82- 05.85	110113	28	27		05.83- 11.91	110210	24	6.6	
		06.85- 11.91	113920	28	35		12.82- 11.91	110206	24	5.4	
		11.86- 11.91	110895	28	55		12.82- 11.91	110550	24	4.0	
		10.88- 11.91	112159	28	80						
3335 11.9	(Actros)[OM541.922]	04.97- 01.01	112561	28	80		AC 04.97- 10.02	113609	24	6.2	
		04.97- 01.01	113278				04.97- 01.01	112107			
		04.97- 01.01	113351	28	100		04.97- 10.02	113851	24		
		04.97- 01.01	113448	28	100		04.97- 10.02	111771	24	6.2	
							AC 04.97-	10.02	112107		
3335 12.0	(Axor)[OM457.937]	10.04-	113448	28	100						
3335 14.6	(NG)[OM442.950]	04.86- 03.91	110895	28	55						
		04.86- 03.91	113920	28	35						
	OM442.962]	04.86- 03.91	113920	28	35						
3336 11.9	(Actros)[OM541.927]						04.03-	113609	24	6.2	
							04.03-	113851	24		
	OM541.942]	04.03-	112561	28	80		04.03-	111771	24	6.2	
		04.03-	113351	28	100		04.03-	113609	24	6.2	
							04.03-	113851	24		
							04.03-	113609	24	6.2	
	OM541.943]					04.03-	113851	24			
	(Actros MP2 / MP3)		112561	28	80		04.03-	113851	24		
3336 12.0	(Actros)[OM541.972]						04.03-	113609	24	6.2	
							04.03-	113851			





MERCEDES-BENZ Continued

Application list

3336 18.3	(NG)[OM423.905]	11.81- 11.91	113920	28	35	11.81- 11.91	112120	24	6.6	
		12.82- 10.86	110113	28	27	12.82- 11.91	110210	24	6.6	
		11.86- 11.91	110895	28	55	12.82- 11.91	113855	24	5.4	
		11.86- 02.91	110906	28	30					
		10.88- 11.91	112159	28	80					
	[OM423.907]	11.81- 11.91	113920	28	35	11.81- 11.91	112120	24	6.6	
		09.86- 10.86	110113	28	27	09.86- 11.91	110550	24	4.0	
		11.86- 02.91	110906	28	30	09.86- 11.91	110210	24	6.6	
						09.86- 11.91	113855	24	5.4	
		10.88- 11.91	112159	28	80					
3338 14.6	(NG)[OM442.950]	01.81- 12.86	113920	28	35					
3340 11.9	(Actros)[OM541.923]	04.97-	112561	28	80	04.97- 10.02	113851	24		
		04.97-	113278			04.97- 10.02	113609	24	6.2	
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2	
		04.97-	113448	28	100	AC 04.97-	112107			
	[OM541.924]	04.97-	112561	28	80	AC 04.97-	112107			
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2	
		04.97-	113448	28	100	04.97-	113609	24	6.2	
						04.97- 10.02	113851	24		
	3340 12.0	(Axor)[OM457.937]	10.04-	113448	28	100	10.04-	113851	24	
		[OM457.948]					10.04-	113609	24	6.2
[OM457.956]						10.04-	113851	24		
[OM457.957]						10.04-	113609	24	6.2	
						10.04-	113851	24		
3341 11.9	(Actros)[OM541.923]					04.03-	111771	24	6.2	
						04.03-	113609	24	6.2	
	[OM541.944]	04.03-	113351	28	100	04.03-	113851	24		
						04.03-	111771	24	6.2	
	[OM541.945]					04.03-	113609	24	6.2	
						04.03-	113851	24		
	(Actros MP2 / MP3)[OM541.974]	04.03-	112561	28	80	04.03-	111771	24	6.2	
	[OM541.990]	04.03-	112561	28	80	04.03-	111771	24	6.2	
	[OM541.991]	04.03-	112561	28	80					
			113448	28	100					
3341 12.0	(Actros)[OM541.974]					04.03-	113609	24	6.2	
						04.03-	113851	24		
3343 11.9	(Actros)[OM541.921]	04.97-	112561	28	80	04.97- 10.02	113609	24	6.2	
		04.97-	113278			AC 04.97-	112107			
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2	
		04.97-	113448	28	100	04.97- 10.02	113851	24		
	[OM541.925]	04.97-	112561	28	80	04.97- 10.02	113851	24		
		04.97-	113278			04.97- 10.02	113609	24	6.2	
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2	
		04.97-	113448	28	100	AC 04.97-	112107			
	3343 12.0	(Axor)[OM457.937]	10.04-	113448	28	100				
	3344 11.9	(Actros)[OM541.921]					04.03-	111771	24	6.2
						04.03-	113609	24	6.2	
						04.03-	113851	24		
						04.03-	111771	24	6.2	
[OM541.946]		04.03-	113351	28	100	04.03-	113609	24	6.2	
						04.03-	113851	24		
[OM541.947]		04.03-	113351	28	100	04.03-	113851	24		
						04.03-	111771	24	6.2	
(Actros MP2 / MP3)[OM541.976]		04.03-	112561	28	80	04.03-	113609	24	6.2	
[OM541.992]		04.03-	112561	28	80	04.03-	111771	24	6.2	
		112561	28	80						
3344 12.0	(Actros)[OM541.947]					04.03-	111771	24	6.2	
						04.03-	113609	24	6.2	
	[OM541.976]					04.03-	113851	24		
						04.03-	113609	24	6.2	
						04.03-	113851	24		
3346 11.9	(Actros)[OM541.948]	04.03-	113351	28	100	04.97- 10.02	113851	24		
		06.03-	112561	28	80	04.97-	113609	24	6.2	
		06.03-	113278							
	[OM541.949]					04.03-	113609	24	6.2	
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28	80	04.03-	113851	24		
	[OM541.949]	04.03-	112561	28	80					
	[OM541.980]	04.03-	112561	28	80					
	[OM541.994]	04.03-	112561	28	80					
	[OM541.995]	04.03-	112561	28	80					
			112561	28	80					
3348 11.9	(Actros)[OM541.948]					04.03-	113609	24	6.2	
						04.03-	113851	24		
	[OM541.978]	04.03-	113351	28	100					
	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28	100					
3348 15.9	(Actros)[OM542.921]	04.97-	112561	28	80	04.97- 10.02	113851	24		
		04.97-	113278			04.97- 10.02	111771	24	6.2	
		04.97-	113351	28	100	04.97- 10.02	113609	24	6.2	
		04.97-	113448	28	100	AC 04.97-	112107			
	[OM542.925]	04.97-	112561	28	80	04.97- 10.02	113609	24	6.2	
		04.97-	113278			AC 04.97-	112107			
		04.97-	113351	28	100	04.97- 10.02	111771	24	6.2	
		04.97-	113448	28	100	04.97- 10.02	113851	24		
	(Actros MP2 / MP3)[OM542.921]	04.03-	113351	28	100					
	3350 15.9	(Actros)[OM542.940]	04.03-	113351	28	100	04.03-	111771	24	6.2
						04.03-	113609	24	6.2	
						04.03-	113851	24		
						04.03-	111771	24	6.2	
3351 15.9	(Actros)[OM542.940]	04.03-	113351	28	100	04.03-	113609	24	6.2	
						04.03-	111771	24	6.2	
	(Actros MP2 / MP3)[OM542.940]	04.03-	113351	28	100	04.03-	113851	24		
	[OM542.960]	04.03-	113351	28	100					
[OM542.961]	06.08-	113351	28	100						
3351 16.0	(Actros)[OM542.941]					04.03-	113609	24	6.2	
						04.03-	113851	24		
3353 15.9	(Actros)[OM542.920]	04.97-	112561	28	80	04.97- 10.02	113609	24	6.2	
		04.97-	113278			04.97- 10.02	111771	24	6.2	
	04.97-	113351	28	100	AC 04.97-	112107				
	04.97-	113448	28	100	04.97- 10.02	113851	24			
3354 15.9	(Actros)[OM542.942]	04.03-	113351	28	100	04.03-	111771	24	6.2	
						04.03-	113609	24	6.2	
	[OM542.962]	04.03-	113351	28	100	04.03-	113851	24		
						04.03-	111771	24	6.2	
						04.03-	113609	24	6.2	
3355 15.9	(Actros)[OM542.942]	04.03-	113351	28	100	04.03-	111771	24	6.2	
						04.03-	113609	24	6.2	
	[OM542.962]	04.03-	113351	28	100	04.03-	113851	24		
						04.03-	111771	24	6.2	
	(Actros MP2 / MP3)[OM542.963]	04.03-	112159	28	80	04.03-	113609	24	6.2	
					04.03-	113851	24			

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



3355 16.0	(Actros)[OM542.962]							04.03-113609	24 6.2
								04.03-113851	24
3357 15.9	(Actros)[OM542.922]	04.97-01.01	112561	28 80				04.97-113609	24 6.2
		04.97-01.01	113278				AC	04.97-112107	
		04.97-01.01	113351	28 100				04.97-111771	24 6.2
		04.97-01.01	113448	28 100				04.97-113851	24
3358 15.9	(Actros)[OM542.944]	04.03-	112561	28 80				04.03-113851	24
		04.03-	113351	28 100				04.03-113609	24 6.2
		04.03-	113448	28 100				04.03-111771	24 6.2
3360 15.9	(Actros MP2 / MP3)	04.03-	112561	28 80					
3525 14.6	(SK)[OM442.950]	07.87-02.91	113920	28 35				07.87-110206	24 5.4
		10.88-05.91	112159	28 80					
3528 14.6	(NG)[OM422.905]	07.82-07.87	113920	28 35					
	[OM422.919]	07.82-07.87	113920	28 35				07.82-110206	24 5.4
		07.87-09.89	110895	28 55				07.87-113855	24 5.4
		07.87-09.89	110906	28 30					
		10.88-09.89	112159	28 80					
3529 15.1	(SK)[OM442.906]	07.88-08.94	113920	28 35					
	[OM442.907]	07.88-08.94	113920	28 35					
	[OM442.925]	07.88-08.94	113920	28 35					
3534 11.0	(SK)[OM441.988]	10.93-09.96	113920	28 35			10.93-	110206	24 5.4
	[OM445.922]	10.93-09.96	113920	28 35			10.93-	110206	24 5.4
3535 12.8	(SK)[OM402.982]	03.91-08.94	113920	28 35			03.91-08.94	110206	24 5.4
	[OM402.983]	03.91-08.94	113920	28 35			03.91-08.94	110206	24 5.4
3535 14.6	(NG)[OM442.950]	09.87-02.90	110895	28 55			09.87-02.90	113855	24 5.4
		09.87-02.90	110906	28 30			09.87-02.90	110206	24 5.4
		10.88-02.90	112159	28 80					
	[OM442.952]	09.87-02.90	110895	28 55			09.87-02.90	110206	24 5.4
		09.87-02.90	110906	28 30			09.87-02.90	113855	24 5.4
		10.88-02.90	112159	28 80					
	[OM442.959]	09.87-01.89	110895	28 55			09.87-01.89	113855	24 5.4
		09.87-01.89	110906	28 30			09.87-01.89	110206	24 5.4
		10.88-01.89	112159	28 80					
	(SK)[OM440.940]	07.88-08.94	113920	28 35					
	[OM442.942]	07.87-09.96	113920	28 35			07.88-08.94	110206	24 5.4
	[OM442.944]	07.88-08.94	113920	28 35			07.88-08.94	110206	24 5.4
	[OM442.945]	10.88-08.94	112159	28 80			10.88-08.94	110206	24 5.4
		10.88-08.94	113920	28 35					
	[OM442.946]	02.90-08.94	110895	28 55			02.90-08.94	110206	24 5.4
		02.90-02.91	110906	28 30					
		02.90-08.94	112159	28 80					
		03.91-08.94	113920	28 35					
	[OM442.957]	02.90-08.94	112159	28 80			02.90-08.94	110206	24 5.4
		02.90-08.94	113920	28 35					
	[OM442.959]	07.88-08.94	113920	28 35			07.88-08.94	110206	24 5.4
		10.88-08.94	112159	28 80					
	[OM442.964]	07.88-08.94	113920	28 35			07.88-08.94	110206	24 5.4
	[OM442.966]	07.87-09.96	113920	28 35			07.88-08.94	110206	24 5.4
	[OM442.989]	10.88-08.94	113920	28 35			10.88-08.94	110206	24 5.4
3536 18.3	(NG)[OM423.907]	12.82-11.91	113920	28 35			12.82-11.91	112120	24 6.6
3538 12.8	(SK)[OM402.971]	09.91-09.96	113920	28 35					
	[OM402.972]	09.91-09.96	113920	28 35					
	[OM402.973]	03.91-110895	28 55				03.91-110210	24 6.6	
		03.91-112159	28 80				03.91-110206	24 5.4	
		03.91-09.96	113920	28 35					
	[OM402.974]	09.91-09.96	113920	28 35					
	[OM402.975]	09.91-09.96	113920	28 35					
	[OM402.977]	09.91-09.96	113920	28 35					
	[OM402.978]	03.91-110895	28 55				03.91-110210	24 6.6	
		03.91-112159	28 80				03.91-110206	24 5.4	
		03.91-09.96	113920	28 35					
	[OM402.982]	03.91-110895	28 55				03.91-110210	24 6.6	
		03.91-112159	28 80				03.91-110206	24 5.4	
		03.91-09.96	113920	28 35					
	[OM402.983]	03.91-110895	28 55				03.91-110206	24 5.4	
		03.91-112159	28 80				03.91-110210	24 6.6	
		03.91-09.96	113920	28 35					
	[OM402.984]	09.91-09.96	113920	28 35					
	[OM402.985]	09.91-09.96	113920	28 35					
	[OM402.987]	03.91-110895	28 55				03.91-110210	24 6.6	
		03.91-112159	28 80				03.91-09.96	110206	24 5.4
		03.91-09.96	113920	28 35					
3538 14.6	(SK)[OM440.970]	03.91-09.96	113920	28 35			03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM440.975]	03.91-09.96	113920	28 35			03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM440.979]	03.91-09.96	113920	28 35			03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM440.982]	03.91-09.96	113920	28 35			03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM440.983]	03.91-09.96	113920	28 35			03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM440.984]	03.91-09.96	113920	28 35			03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM440.985]	05.92-09.96	113920	28 35			05.92-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM440.987]	03.91-09.96	113920	28 35			03.91-110210	24 6.6	
	[OM440.990]	09.91-09.96	113920	28 35					
	[OM442.989]	03.91-09.96	113920	28 35			03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM442.997]						03.91-110206	24 5.4	
							03.91-110210	24 6.6	
	[OM446.924]	09.91-09.96	113920	28 35					
	[OM446.926]	03.91-09.96	113920	28 35			03.91-110210	24 6.6	
		01.94-110895	28 55				01.94-110206	24 5.4	
		01.94-112159	28 80						
	[OM446.930]	01.94-110895	28 55				01.94-110206	24 5.4	
		01.94-112159	28 80						
	[OM446.931]	01.94-112159	28 80				01.94-110206	24 5.4	
	[OM446.939]	05.92-09.96	113920	28 35			03.91-110206	24 5.4	
		01.94-112159	28 80				03.91-110210	24 6.6	
	[OM446.940]	01.94-112159	28 80				03.91-110210	24 6.6	
		01.94-09.96	113920	28 35			03.91-110206	24 5.4	
3544 14.6	(NG)[OM442.951]	08.73-09.96	112159	28 80			08.73-09.96	110206	24 5.4
		09.87-03.92	110895	28 55					
		09.87-03.92	113920	28 35					
	[OM442.953]	09.87-03.92	110895	28 55			09.87-03.92	110206	24 5.4
		09.87-03.92	113920	28 35					
	[OM442.980]	08.73-09.96	112159	28 80			08.73-09.96	110206	24 5.4
		09.87-03.92	110895	28 55					
		09.87-03.92	113920	28 35					
	(SK)[OM440.970]	03.91-09.96	113920	28 35			03.91-09.96	110206	24 5.4
	[OM440.978]	01.92-09.96	113920	28 35			01.92-09.96	110206	24 5.4
	[OM440.980]	03.91-09.96	113920	28 35					
	[OM440.985]	03.91-09.96	113920	28 35					
	[OM446.922]	01.92-09.96	113920	28 35			01.92-09.96	110206	24 5.4
3548 14.6	(SK)[OM440.975]	05.92-09.96	113920	28 35					
	[OM442.993]	05.92-09.96	113920	28 35					



MERCEDES-BENZ Continued

Application list

3550 14.6	(SK)[OM440.975]	03.91-09.96	113920	28	35	05.92-	110206	24	5.4	
		05.92-	112159	28	80					
	[OM440.976]	05.92-09.96	110895	28	55	12.93-	110206	24	5.4	
		05.92-09.96	112159	28	80					
		05.92-09.96	113920	28	35					
3553 14.6	[OM440.982]	03.91-09.96	113920	28	35					
	[OM442.993]					05.92-	110206	24	5.4	
	[OM442.997]	03.91-09.96	113920	28	35	05.92-	110206	24	5.4	
		05.92-09.96	111629	28	120					
3836 18.3	(NG)[OM423.907]	11.81-03.91	113920	28	35	11.81-03.91	112120	24	6.6	
	3850 18.3	(NG)[OM423.950]	09.85-08.94	110895	28	55	09.85-08.94	110210	24	6.6
			10.88-08.94	112159	28	80	09.85-08.94	112120	24	6.6
4140 11.9	(Actros)[OM541.923]	04.97-01.01	112561	28	80	04.97-10.02	113851	24		
		04.97-01.01	113278			AC 04.97-01.01	112107			
		04.97-01.01	113351	28	100	04.97-10.02	111771	24	6.2	
		04.97-01.01	113448	28	100	04.97-10.02	113609	24	6.2	
	[OM541.924]	04.97-	112561	28	80	AC 04.97-	112107			
		04.97-	113278			04.97-10.02	113609	24	6.2	
		04.97-	113351	28	100	04.97-10.02	111771	24	6.2	
		04.97-	113448	28	100	04.97-10.02	113851	24		
	[OM541.944]	04.03-	113351	28	100	04.03-	111771	24	6.2	
	4141 11.9	(Actros MP2 / MP3)[OM541.974]	04.03-	112561	28	80	04.03-	111771	24	6.2
		[OM541.990]	04.03-	112561	28	80	04.03-	111771	24	6.2
		[OM541.991]	04.03-	113351	28	100	04.03-	113609	24	6.2
4141 12.0	(Actros)[OM541.974]				04.03-	113609	24	6.2		
4143 11.9	(Actros)[OM541.921]	04.97-	112561	28	80	AC 04.97-	112107			
		04.97-	113278			04.97-10.02	113851	24		
		04.97-	113351	28	100	04.97-10.02	111771	24	6.2	
		04.97-	113448	28	100	04.97-10.02	113609	24	6.2	
	[OM541.925]	04.97-	112561	28	80	04.97-10.02	113609	24	6.2	
		04.97-	113278			04.97-10.02	111771	24	6.2	
		04.97-	113351	28	100	AC 04.97-	112107			
		04.97-	113448	28	100	04.97-10.02	113851	24		
	4144 11.9	(Actros)[OM541.925]				04.03-	111771	24	6.2	
						04.03-	113609	24	6.2	
					04.03-	113851	24			
[OM541.946]					04.03-	111771	24	6.2		
					04.03-	113609	24	6.2		
					04.03-	113851	24			
[OM541.976]					04.03-	111771	24	6.2		
					04.03-	113609	24	6.2		
(Actros MP2 / MP3)[OM541.946]		04.03-	113448	28	100	04.03-	111771	24	6.2	
[OM541.947]		04.03-	113448	28	100					
[OM541.976]	04.03-	112561	28	80	04.03-	111771	24	6.2		
[OM541.992]	04.03-	113448	28	100	04.03-	111771	24	6.2		
[OM541.993]	04.03-	112561	28	80	04.03-	111771	24	6.2		
[OM541.993]	04.03-	113448	28	100						
4144 12.0	(Actros)[OM541.976]				04.03-	113609	24	6.2		
4146 11.9	(Actros)[OM541.948]				04.03-	113851	24			
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28	80	04.03-	113609	24	6.2	
	[OM541.949]	04.03-	112561	28	80					
	[OM541.980]	04.03-	112561	28	80					
4148 11.9	[OM541.994]	04.03-	112561	28	80					
	(Actros)[OM541.948]				04.03-	113609	24	6.2		
	(Actros MP2 / MP3)[OM541.948]	04.03-	113351	28	100	04.03-	113851	24		
[OM541.978]	04.03-	113351	28	100						
4148 15.9	(Actros)[OM542.921]	04.97-	112561	28	80	AC 04.97-	112107			
		04.97-	113351	28	100	04.97-10.02	111771	24	6.2	
		04.97-	113448	28	100	04.97-10.02	113609	24	6.2	
	[OM542.925]	04.97-01.01	112561	28	80	04.97-10.02	113609	24	6.2	
		04.97-01.01	113278			AC 04.97-01.01	112107			
	04.97-01.01	113351	28	100	04.97-10.02	113851	24			
	04.97-01.01	113448	28	100	04.97-10.02	111771	24	6.2		
4150 15.9	(Actros MP2 / MP3)[OM542.940]	04.03-	113448	28	100					
[OM542.941]	04.03-	112561	28	80						
[OM542.941]	04.03-	113448	28	100						
4151 15.9	(Actros MP2 / MP3)[OM542.961]	04.03-	113351	28	100					
4151 16.0	(Actros)[OM542.960]				05.05-	113609	24	6.2		
[OM542.960]					05.05-	113851	24			
4160 15.9	(Actros)[OM542.956]	10.02-	112159	28	80					
	[OM542.957]	10.02-	112159	28	80					
4844 14.6	(SK)[OM440.970]	12.91-08.94	113920	28	35					
	[OM440.979]	12.91-08.94	113920	28	35					
	[OM440.984]	03.91-09.96	113920	28	35					
	[OM446.940]	03.91-09.96	113920	28	35					
	(SK)[OM423.950]					07.87-08.96	110206	24	5.4	
4850 18.3	(SK)[OM442.997]	07.88-08.94	112159	28	80					
1861 LS 15.9	(Actros)[OM542.958]	05.05-	113351	28	100	05.05-	113851	24		
4140 B 12.0	(Axor)[OM457.956]	01.11-	113351	28	100					
	[OM457.957]	01.11-	113351	28	100					
4148 K 12.0	(Actros)[OM541.948]	04.03-	113351	28	100					
925 AF 6.4	(Atego)[OM906.911]	01.98-09.04	112561	28	80					
O 100 2.9 Diesel	[OM602.940]	01.94-	112734	14	80	01.94-	113389	12	2.2	
		01.94-	113768	14	95					
		06.96-	112529	14	90					
		ACPS 01.94-	110923	14	55					
O 301 6.0	[OM366.917]					06.86-05.87	110524	24	4.0	
	[OM366.965]					02.86-05.87	110524	24	4.0	
O 302 5.7	[OM352.980]					12.69-12.74	110512	24	5.4	
						11.64-11.75	110601	24	5.4	
	[OM352.993]					12.69-12.74	110512	24	5.4	
						11.64-11.75	110601	24	5.4	
O 302 8.7	[OM360.916]					05.69-12.74	110512	24	5.4	
						12.69-12.74	110531	24	6.6	
						05.69-12.74	110601	24	5.4	
						05.69-12.74	110512	24	5.4	
						12.69-12.74	110531	24	6.6	
						05.69-12.74	110601	24	5.4	
	[OM360.979]					05.69-12.74	110512	24	5.4	
						12.69-12.74	110531	24	6.6	
						05.69-12.74	110601	24	5.4	
	[OM360.980]					05.69-12.74	110512	24	5.4	
						12.69-12.74	110531	24	6.6	
						05.69-12.74	110601	24	5.4	
[OM360.981]					05.69-12.74	110512	24	5.4		
					12.69-12.74	110531	24	6.6		
					05.69-12.74	110601	24	5.4		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.







Application list

MERCEDES-BENZ Continued

O 404 14.6	[OM446.934]	01.95- 10.99	111833	28	140	01.95- 10.99	110206	24	5.4
	[OM446.938]	01.95- 10.99	111833	28	140	01.95- 10.99	110206	24	5.4
O 404 15.1	[OM442.930]	09.91- 01.92	111833	28	140	09.91- 01.92	110206	24	5.4
	[OM442.931]	09.91- 01.92	111833	28	140	09.91- 01.92	110206	24	5.4
O 404 9.6	[OM401.970]	09.91- 10.99	111833	28	140	09.91- 10.99	110206	24	5.4
O 404 9.8	[OM401.974]	09.91- 10.99	111833	28	140	09.91- 10.99	110206	24	5.4
O 405 12.0	[OM427.905]					11.86-	110210	24	6.6
	[OM427.910]	11.86-	111833	28	140				
	[OM427.911]	11.85-	111833	28	140	11.85- 12.86	110550	24	4.0
						11.85-	110210	24	6.6
						11.85-	110210	24	6.6
	[OM427.950]	11.85-	111833	28	140	11.85- 12.86	110550	24	4.0
						01.85- 12.86	110550	24	4.0
	[OM447.905]	11.85- 02.01	111833	28	140	11.85- 02.01	110210	24	6.6
						11.86-	110550	24	4.0
	[OM447.907]	11.86-	111833	28	140	11.86-	110210	24	6.6
						11.86-	110550	24	4.0
	[OM447.908]	11.85-	111833	28	140	11.85-	110210	24	6.6
						11.85-	110210	24	6.6
	[OM447.910]	11.85-	111833	28	140	11.85-	110550	24	4.0
						11.85-	110210	24	6.6
	[OM447.911]	11.85-	111833	28	140				
						11.86-	110210	24	6.6
	[OM447.913]	11.86-	111833	28	140				
						11.91-	110550	24	4.0
	[OM447.914]	11.86-	111833	28	140	11.86-	110210	24	6.6
						11.86-	110210	24	6.6
	[OM447.950]	11.86-	111833	28	140				
						11.85- 02.01	110210	24	6.6
	[OM447.951]	11.85- 02.01	111833	28	140	11.86-	110550	24	4.0
						11.85-	110550	24	4.0
	[OM447.955]	11.85- 02.01	111833	28	140	11.85- 02.01	110210	24	6.6
						11.85-	110210	24	6.6
	[OM447.956]	11.85-	111833	28	140				
						11.85-	110210	24	6.6
	[OM447.957]	11.85-	111833	28	140	11.91-	110550	24	4.0
						11.85-	110210	24	6.6
	[OM447.959]	11.85-	111833	28	140	11.85-	110210	24	6.6
	[OM447.970]	11.85-	111833	28	140	11.86-	110210	24	6.6
	[OM447.971]	11.86-	111833	28	140	11.85-	110210	24	6.6
	[OM447.972]	11.85-	111833	28	140	11.91-	110210	24	6.6
	[OM447.973]	11.91-	111833	28	140	11.86-	110210	24	6.6
	[OM447.974]	11.86-	111833	28	140	11.85-	110210	24	6.6
	[OM447.975]	11.85-	111833	28	140	11.91-	110210	24	6.6
	[OM447.976]	11.91-	111833	28	140	11.85-	110210	24	6.6
	[OM447.981]	11.85-	111833	28	140				
						11.91-	110210	24	6.6
	[OM447.986]	11.91-	111833	28	140	11.91-	110550	24	4.0
						11.91-	110210	24	6.6
O 405 G 12.0	[OM447.977]					09.91-	110210	24	6.6
	[OM447.980]					09.91-	110210	24	6.6
O 405 GN 12.0	[OM447.978]					11.85-	110210	24	6.6
	[OM447.979]	11.85-	111833	28	140	09.91-	110210	24	6.6
						09.91-	110550	24	4.0
	[OM447.984]	09.91-	111833	28	140	09.91-	110210	24	6.6
						09.91-	110550	24	4.0
O 405 GNTD 12.0	[OM447.998]					09.91-	110210	24	6.6
O 407 12.0	[OM447.906]					03.87- 02.01	110210	24	6.6
		03.87- 02.01	111833	28	140	03.87-	110550	24	4.0
	[OM447.908]	03.87- 02.01	111833	28	140	03.87-	110550	24	4.0
						03.87- 02.01	110210	24	6.6
	[OM447.954]	03.87- 02.01	111833	28	140	03.87- 02.01	110210	24	6.6
	[OM447.985]	03.87- 02.01	111833	28	140	02.91- 02.01	110210	24	6.6
	[OM447.990]	11.91- 02.01	111833	28	140	03.87- 02.01	110210	24	6.6
O 408 12.0	[OM447.991]	03.87- 02.01	111833	28	140				
	[OM447.912]	11.91- 02.01	111833	28	140	02.91- 02.01	110210	24	6.6
		01.91- 12.01	111833	28	140	01.91- 12.01	110210	24	6.6
	[OM447.958]	01.91- 12.01	111833	28	140	01.95- 12.98	113133		
						01.95- 12.98	113133		
	[OM447.987]	08.92- 12.01	111833	28	140	08.92-	110210	24	6.6
						01.95- 12.98	113133		
	[OM447.992]	01.91- 12.01	111833	28	140	01.91- 12.01	110210	24	6.6
						01.95- 12.98	113133		
	[OM447.993]	08.92- 12.01	111833	28	140	08.92- 12.01	110210	24	6.6
						01.95- 12.98	113133		
O 500 12.0	(Touro)[OM457.944]					10.01-	113608	24	6.2
						10.01-	113609	24	6.2
						10.01-	113851	24	
O 510 6.4	(Tourino)[OM906.961]	10.03-	111833	28	140	10.03-	114523	24	4.0
		10.03-	113448	28	100	10.03-	111982	24	4.0
	[OM906.962]	10.03-	111833	28	140	10.03-	114523	24	4.0
		10.03-	113448	28	100	10.03-	111982	24	4.0
O 520 4.3	(Cito)[OM904.942]	06.99-	113448	28	100	01.99-	111982	24	4.0
						06.99-	114523	24	4.0
O 530 G 6.4	(Axor)[OM909.901]	01.99-	113351	28	100	01.99-	114523	24	4.0
		01.99-	113448	28	100	01.99-	111982	24	4.0
	(Citaro)[OM457.935]					01.98-	113608	24	6.2
	[OM906.930]					01.99-	111982	24	4.0
		01.99-	113448	28	100	01.99-	114523	24	4.0
	[OM906.960]	01.99-	113351	28	100	01.99-	114523	24	4.0
		01.99-	113448	28	100	01.99-	111982	24	4.0
	[OM906.961]	01.99-	113448	28	100	01.99-	114523	24	4.0
						01.99-	111982	24	4.0
	[OM909.921]	01.99-	113448	28	100	01.99-	114523	24	4.0
		01.99-	113351	28	100	01.99-	111982	24	4.0
		01.99-	113448	28	100				
O 530 GNG 12.0	(Citaro)[M476.930]					04.00-	110210	24	6.6
O 530 L 6.4	(Citaro)[OM906.930]					01.99-	111982	24	4.0
		01.99-	113448	28	100	01.99-	114523	24	4.0
	[OM906.960]	01.01-	113351	28	100	01.99-	114523	24	4.0
		01.01-	113448	28	100	01.99-	111982	24	4.0
	[OM909.901]					01.99-	114523	24	4.0
		01.99-	113351	28	100	01.99-	111982	24	4.0
		01.99-	113448	28	100				
	[OM909.921]	01.99-	113351	28	100	01.99-	114523	24	4.0
		01.99-	113448	28	100	01.99-	111982	24	4.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O 530 N 12.0	(Citaro)[OM457.934]					01.98-	110210	24	6.6			
						01.98-	110550	24	4.0			
	[OM457.942]	01.98-	111833	28	140	01.98-	113608	24	6.2			
						01.98-	110210	24	6.6			
O 530 N 6.4	(Citaro)[OM906.962]	04.00-	113278			04.99-	114523	24	4.0			
						04.00-	111982	24	4.0			
		04.00-	113351	28	100							
		04.00-	113448	28	100							
	[OM906.963]	04.99-	113351	28	100	04.99-	114523	24	4.0			
		04.99-	113448	28	100	04.99-	111982	24	4.0			
O 530 N3 6.4	(Citaro)[OM906.930]	01.98-	112561	28	80	01.98-	111982	24	4.0			
		01.98-	113448	28	100	01.98-	114523	24	4.0			
	[OM906.931]	01.98-	112561	28	80	01.98-	111982	24	4.0			
		01.98-	113448	28	100	01.98-	114523	24	4.0			
O 530 NG 12.0	(Citaro)[M476.930]					04.00-	110210	24	6.6			
	[M476.932]					06.00-	110210	24	6.6			
	[M476.933]	04.00-	111833	28	140	04.00-	113608	24	6.2			
						04.00-	110210	24	6.6			
	[M476.934]	04.00-	111833	28	140	04.00-	113608	24	6.2			
						04.00-	110210	24	6.6			
O 550 12.0	(Integro)[OM457.952]					01.06-	113609	24	6.2			
						01.06-	113851	24				
O 580 RHD 12.0	(Travego)[OM457.936]					10.99-	113608	24	6.2			
O 580-15 RH 12.0	(Travego)[OM457.940]					10.99-	113608	24	6.2			
O 580-15 RHD 12.0	(Travego)[OM457.93.]					10.99-	113608	24	6.2			
O 580-17 RHD 12.0	(Travego)[OM457.944]					10.99-	113608	24	6.2			
O 580-17 RHD 15.9	(Travego)[OM542.948]					10.99-	111771	24	6.2			
						10.99-	113609	24	6.2			
						10.99-	113851	24				
U 100 2.9	(Unimog)[OM602.215]					11.92-	113444#	12	2.2			
	[OM602.948]					11.92-	113444#	12	2.2			
	[OM602.881]	07.96-	111890	14	90	07.96-	111851	12	2.0			
	[OM602.889]	07.96-	111890	14	90	07.96-	111851	12	2.0			
						09.96-	112226		BO			
U 100 5.7	(Unimog)[OM353.901]					09.73-	12.76	110525	12	3.0		
U 1000 5.7	(Unimog)[OM353.940]	01.77-	12.82	111141	14	55						
	[OM353.962]	01.77-	05.88	111141	14	55	06.84-	05.88	110525	12	3.0	
						01.77-	05.88	110512	24	5.4		
						01.77-	05.88	110601	24	5.4		
U 1000 6.0	(Unimog)[OM356.914]	01.88-	12.92	111141	14	55	01.88-	01.91	110525	12	3.0	
		01.88-	12.92	113920	28	35	01.91-	12.92	110524	24	4.0	
	[OM366.915]	01.88-	12.92	111141	14	55	01.88-	01.91	110525	12	3.0	
		01.88-	12.92	113920	28	35	01.91-	12.92	110524	24	4.0	
U 110 4.0	(Unimog)[OM364.955]	07.92-	111141	14	55	07.92-	110525	12	3.0			
	Eng. 393454-	07.92-	113611	14	90							
	[OM364.958]	07.92-	111141	14	55	02.92-	110525	12	3.0			
		07.92-	113611	14	90							
U 1100 5.7	(Unimog)[OM353.901]	01.77-	05.88	112098	14	65						
	[OM353.907]	01.77-	01.88	112098	14	65						
	[OM353.980]	01.77-	05.88	112098	14	65						
		05.79-	12.82	111141	14	55						
U 1150 5.7	(Unimog)[OM353.907]	05.88-	02.01	110766	28	27	Eng. -708449	05.88-	02.01	110512	24	5.4
							05.88-	05.88-	110601	24	5.4	
	[OM353.940]	05.88-	02.01	110766	28	27	05.88-	02.01	110512	24	5.4	
		05.88-	02.01	112098	14	65	05.88-	05.88-	110601	24	5.4	
U 1200 5.7	(Unimog)[OM353.973]	02.82-	05.88	111141	14	55	02.82-	05.88	110525	12	3.0	
	[OM353.995]	02.82-	05.88	111141	14	55	02.82-	05.88	110525	12	3.0	
U 1200 6.0	(Unimog)[OM356.950]	01.88-	02.01	111141	14	55	01.91-	02.01	110524	24	4.0	
		01.88-	02.01	113920	28	35	01.88-	01.91	110525	12	3.0	
	[OM356.954]	01.88-	02.01	111141	14	55	01.91-	02.01	110524	24	4.0	
		01.88-	02.01	113920	28	35	01.88-	01.91	110525	12	3.0	
	[OM366.949]	01.88-	02.01	111141	14	55	01.88-	01.91	110525	12	3.0	
		01.88-	02.01	113920	28	35	01.91-	02.01	110524	24	4.0	
U 125 5.7	(Unimog)[OM353.907]					09.73-	12.76	110525	12	3.0		
U 1250 5.7	(Unimog)[OM353.973]	12.84-	11.87	111141	14	55	12.84-	05.88	110525	12	3.0	
	[OM353.995]	12.84-	11.87	111141	14	55	12.84-	05.88	110525	12	3.0	
U 1250 6.0	(Unimog)[OM356.950]	01.88-	02.01	111141	14	55	01.88-	01.91	110525	12	3.0	
		01.88-	02.01	113920	28	35	01.91-	02.01	110524	24	4.0	
	[OM356.954]	01.88-	02.01	111141	14	55	09.91-	110524	24	4.0		
		01.88-	02.01	113920	28	35	09.91-	02.01	113979	24	4.0	
	[OM366.949]	01.88-	02.01	111141	14	55	01.88-	01.91	110525	12	3.0	
		01.88-	02.01	113920	28	35	01.91-	02.01	110524	24	4.0	
	[OM366.955]	05.88-	02.01	111141	14	55	05.88-	02.01	110525	12	3.0	
		05.88-	02.01	113920	28	35	05.88-	02.01	110524	24	4.0	
						05.88-	02.01	113979	24	4.0		
U 130 4.0	(Unimog)[OM364.982]	07.92-	111141	14	55	07.92-	110525	12	3.0			
		07.92-	113611	14	90							
	[OM364.985]	07.92-	111141	14	55	07.92-	110525	12	3.0			
		07.92-	113611	14	90							
U 1300 5.7	(Unimog)[OM353.961]	01.77-	05.88	111141	14	55	01.77-	05.88	110525	12	3.0	
		10.78-	05.88	112288	28	55	03.82-	110524	24	4.0		
	[OM353.973]	01.77-	05.88	111141	14	55	01.81-	12.84	110525	12	3.0	
		10.78-	05.88	112288	28	55	01.77-	12.80	110208	24	5.4	
						03.82-	110524	24	4.0			
U 1350 6.0	(Unimog)[OM366.955]	05.88-	02.01	111141	14	55	05.88-	02.01	110525	12	3.0	
		05.88-	02.01	113920	28	35	05.88-	02.01	110524	24	4.0	
						05.88-	02.01	113979	24	4.0		
U 140 4.0	(Unimog)[OM364.982]	07.92-	111141	14	55	07.92-	110525	12	3.0			
		07.92-	113611	14	90							
	[OM364.985]	05.93-	111141	14	55	05.93-	110525	12	3.0			
		05.93-	113611	14	90							
U 1400 6.0	(Unimog)[OM357.912]	01.88-	04.00	111141	14	55	01.88-	04.00	110525	12	3.0	
		01.88-	04.00	113920	28	35	01.88-	04.00	113979	24	4.0	
		07.94-	04.00	112288	28	55	01.88-	04.00	110524	24	4.0	
	[OM366.947]	01.88-	04.00	111141	14	55	01.88-	04.00	110525	12	3.0	
		01.88-	04.00	113920	28	35	01.88-	04.00	113979	24	4.0	
		07.94-	04.00	112288	28	55	01.88-	04.00	110524	24	4.0	
	[OM366.948]	01.88-	04.00	111141	14	55	01.88-	04.00	110524	24	4.0	
		01.88-	04.00	113920	28	35	01.88-	04.00	113979	24	4.0	
		07.94-	04.00	112288	28	55	01.88-	04.00	110525	12	3.0	
	[OM366.955]	01.88-	04.00	111141	14	55	01.88-	04.00	110525	12	3.0	
		01.88-	04.00	113920	28	35	01.88-	04.00	113979	24	4.0	
		07.94-	04.00	112288	28	55	01.88-	04.00	110524	24	4.0	
	[OM366.956]	01.88-	04.00	111141	14	55	01.88-	04.00	110525	12	3.0	
		01.88-	04.00	113920	28	35	01.88-	04.00	113979	24	4.0	
		07.94-	04.00	112288	28	55	01.88-	04.00	110524	24	4.0	
U 1450 6.0	(Unimog)[OM357.912]	Eng. 07.94-	04.00	110895	28	55	07.94-	110524	24	4.0		
	1	371652/BJ.1995-										
		Eng. - 07.94-	04.00	112288	28	55	07.94-	04.00	113979	24	4.0	
		371351/BJ.1995-										
	[OM366.947]	01.91-	04.00	113920	28	35	01.91-	04.00	110524	24	4.0	
		01.94-	04.00	111141	14	55	01.88-	01.91	110525	12	3.0	
	[OM366.948]	01.88-	111141	14	55	01.88-	04.00					



MERCEDES-BENZ Continued

Application list

	[OM366.956]	01.88-	111141	14	55		01.88- 04.00	110524	24	4.0
							01.88- 04.00	113979	24	4.0
							01.88- 04.00	110525	12	3.0
U 1500 5.7	(Unimog)[OM353.958]	01.77- 05.88	111141	14	55		01.77- 05.88	110525	12	3.0
U 1550 5.7	(Unimog)[OM353.958]	01.86- 05.88	111141	14	55		04.86- 05.88	110525	12	3.0
	[OM353.961]	02.86- 05.88	111141	14	55		02.86- 05.88	110525	12	3.0
	[OM353.995]	02.86- 05.88	111141	14	55		02.86- 05.88	110525	12	3.0
U 1550 6.0	(Unimog)[OM356.955]	01.92- 12.95	113920	28	35		01.92- 04.00	113979	24	4.0
		01.96- 04.00	110895	28	55		01.92- 04.00	110524	24	4.0
	[OM356.956]	01.92- 12.95	113920	28	35		01.92- 04.00	113979	24	4.0
		01.96- 04.00	110895	28	55		01.92- 04.00	110524	24	4.0
	[OM356.980]	03.90- 04.00	110895	28	55		03.90- 04.00	110524	24	4.0
		03.90- 04.00	111141	14	55		03.90- 04.00	110525	12	3.0
		03.90- 04.00	112288	28	55		03.90- 04.00	113979	24	4.0
	[OM356.997]	05.88- 04.00	110895	28	55		05.88- 04.00	110524	24	4.0
		05.88- 04.00	111141	14	55		05.88- 04.00	110525	12	3.0
		01.91- 04.00	112288	28	55		05.88- 04.00	113979	24	4.0
	[OM357.924]	05.88- 04.00	110895	28	55		05.88- 04.00	110525	12	3.0
		05.88- 04.00	112288	28	55		05.88- 04.00	110524	24	4.0
							05.88- 04.00	113979	24	4.0
	[OM357.945]	03.90- 04.00	110895	28	55		03.90- 04.00	110525	12	3.0
		03.90- 04.00	111141	14	55		03.90- 04.00	110524	24	4.0
		03.90- 04.00	112288	28	55		03.90- 04.00	113979	24	4.0
	[OM366.955]	05.88- 04.00	111141	14	55		05.88- 04.00	110525	12	3.0
		05.88- 04.00	113920	28	35		05.88- 04.00	110524	24	4.0
							05.88- 04.00	113979	24	4.0
	[OM366.956]	05.88- 04.00	111141	14	55		05.88- 04.00	110525	12	3.0
		05.88- 04.00	113920	28	35		05.88- 04.00	110524	24	4.0
							05.88- 04.00	113979	24	4.0
	[OM366.963]	01.92-	110895	28	55		01.92-	110525	12	3.0
		01.92-	111141	14	55		01.92-	110524	24	4.0
		01.92- 04.00	113920	28	35		01.92- 04.00	113979	24	4.0
	[OM366.984]	05.88- 04.00	110895	28	55		05.88- 04.00	110525	12	3.0
		05.88- 04.00	112288	28	55		05.88- 04.00	110524	24	4.0
							05.88- 04.00	113979	24	4.0
U 1600 6.0	(Unimog)[OM356.956]	01.88- 02.00	111141	14	55		01.91- 04.00	110524	24	4.0
		01.88- 04.00	113920	28	35		01.88- 01.91	110525	12	3.0
	[OM356.980]	05.91-	110895	28	55		05.91- 11.10	113979	24	4.0
		05.91-	111141	14	55		05.91-	110524	24	4.0
		05.91-	112288	28	55		05.91-	110525	12	3.0
	[OM356.997]	11.92-	110895	28	55		11.92-	113979	24	4.0
		11.92-	112288	28	55		11.92-	110524	24	4.0
	[OM357.924]	11.92-	110895	28	55		11.92-	113979	24	4.0
		11.92-	112288	28	55		11.92-	110524	24	4.0
	[OM357.945]	11.92-	112288	28	55		05.91-	110524	24	4.0
							05.91-	110525	12	3.0
							05.91- 11.10	113979	24	4.0
	[OM366.949]	01.88- 04.00	111141	14	55		01.88- 01.91	110525	12	3.0
		01.88- 04.00	113920	28	35		01.91- 04.00	110524	24	4.0
	[OM366.984]	11.92-	110895	28	55		11.92-	113979	24	4.0
		11.92-	112288	28	55		09.89-	110525	12	3.0
U 1650 6.0	(Unimog)[OM356.956]	01.88- 04.00	111141	14	55		01.91- 04.00	110524	24	4.0
		01.88- 04.00	113920	28	35		01.88- 01.91	110525	12	3.0
	[OM356.980]	05.91- 02.01	112288	28	55		05.91- 02.01	110524	24	4.0
		01.96- 02.01	110895	28	55		05.91- 02.01	110525	12	3.0
							05.91- 02.01	113979	24	4.0
	[OM356.997]	09.89- 02.01	112288	28	55		09.89- 02.01	110524	24	4.0
							09.89- 02.01	113979	24	4.0
	[OM357.924]	09.89- 02.01	112288	28	55		01.88- 02.01	110524	24	4.0
							01.88- 02.01	113979	24	4.0
	[OM357.945]	01.88- 02.01	112288	28	55					
	[OM366.948]	01.88- 04.00	111141	14	55		01.88- 01.91	110525	12	3.0
		01.88- 04.00	113920	28	35		01.91- 04.00	110524	24	4.0
	[OM366.949]	01.88- 02.01	111141	14	55		01.91- 04.00	110524	24	4.0
		01.88- 02.01	113920	28	35		01.88- 01.91	110525	12	3.0
	[OM366.984]	09.89- 02.01	112288	28	55		09.89-	110524	24	4.0
							09.89- 02.01	113979	24	4.0
U 1700 5.7	(Unimog)[OM353.959]	05.78- 09.88	111141	14	55		05.78- 09.88	110525	12	3.0
		05.79- 05.80	110751	14	35		03.87- 09.88	110524	24	4.0
U 1700 6.0	(Unimog)[OM356.957]	09.88- 02.01	110895	28	55		09.88- 02.01	110524	24	4.0
		09.88- 02.01	111141	14	55		09.88- 02.01	110525	12	3.0
		09.88- 02.01	113920	28	35		09.88- 08.02	113979	24	4.0
	[OM366.963]	09.88- 02.01	110895	28	55		09.88- 02.01	110524	24	4.0
		09.88- 02.01	111141	14	55		09.88- 02.01	113979	24	4.0
		09.88- 02.01	113920	28	35		09.88- 02.01	110525	12	3.0
U 1750 6.0	(Unimog)[OM356.957]	09.88- 02.01	110895	28	55		09.88- 02.01	110525	12	3.0
		09.88- 02.01	111141	14	55		09.88- 02.01	110524	24	4.0
		09.88- 02.01	113920	28	35		09.88- 02.01	113979	24	4.0
	[OM356.981]	05.91-	110895	28	55		09.88- 02.01	110525	12	3.0
		05.91-	111141	14	55		09.88- 02.01	110524	24	4.0
		05.91-	112288	28	55		09.88- 02.01	113979	24	4.0
	[OM366.963]	09.88- 02.01	110895	28	55		09.88- 02.01	110525	12	3.0
		09.88- 02.01	111141	14	55		09.88- 02.01	110524	24	4.0
		09.88- 02.01	113920	28	35		09.88- 02.01	113979	24	4.0
U 1800 6.0	(Unimog)[OM356.998]	04.92-	110895	28	55		04.92-	110524	24	4.0
		04.92-	112288	28	55		04.92- 08.02	113979	24	4.0
U 1850 6.0	(Unimog)[OM356.998]	04.92-	110895	28	55		04.92- 08.02	113979	24	4.0
		04.92-	112288	28	55		04.92-	110524	24	4.0
U 2100 6.0	(Unimog)[OM356.997]	09.89- 02.01	110895	28	55		09.89- 02.01	110525	12	3.0
		09.89- 02.01	111141	14	55		09.89- 02.01	110524	24	4.0
		09.89- 02.01	112288	28	55		09.89- 08.02	113979	24	4.0
	[OM366.984]	09.89- 02.01	110895	28	55		09.89- 02.01	110525	12	3.0
		09.89- 02.01	111141	14	55		09.89- 02.01	110524	24	4.0
		09.89- 02.01	112288	28	55		09.89- 02.01	113979	24	4.0
U 2150 6.0	(Unimog)[OM356.980]	05.91- 08.02	110895	28	55		05.91- 08.02	113979	24	4.0
		05.91- 08.02	111141	14	55		05.91- 08.02	110524	24	4.0
		05.91- 08.02	112288	28	55		05.91- 08.02	110525	12	3.0
	[OM356.997]	09.89- 02.01	110895	28	55		09.89- 02.01	113979	24	4.0
		09.89- 02.01	111141	14	55		09.89- 02.01	110524	24	4.0
		09.89- 02.01	112288	28	55		09.89- 02.01	110525	12	3.0
	[OM357.945]	05.91- 08.02	110895	28	55		05.91- 08.02	110525	12	3.0
		05.91- 08.02	113920	28	35		05.91- 08.02	110524	24	4.0
							05.91- 08.02	113979	24	4.0
	[OM366.984]	09.89- 02.01	110895	28	55		09.89- 02.01	110525	12	3.0
		09.89- 02.01	111141	14	55		09.89- 02.01	110524	24	4.0
		09.89- 02.0								



U 300 4.2	(Unimog)[OM904.927]	04.00-112561 28 80	04.00-111982 24 4.0
		04.00-113278 28 100	04.00-114523 24 4.0
		04.00-113351 28 100	
		04.00-113448 28 100	
	[OM904.928]	04.00-112561 28 80	03.00-114523 24 4.0
		04.00-113278 28 100	04.00-111982 24 4.0
		04.00-113351 28 100	
		04.00-113448 28 100	
U 3000 4.2	(Unimog)[OM904.952]		09.02-111982 24 4.0
			09.02-114523 24 4.0
	[OM904.953]	09.02-113278 28 100	09.02-114523 24 4.0
		09.02-113351 28 100	09.02-111982 24 4.0
U 400 4.2	(Unimog)[OM904.928]	04.00-112561 28 80	04.00-111982 24 4.0
		04.00-113278 28 100	03.00-114523 24 4.0
		04.00-113351 28 100	
		04.00-113448 28 100	
U 400 6.4	(Unimog)[OM906.935]	04.00-112561 28 80	03.00-114523 24 4.0
		04.00-113278 28 100	04.00-111982 24 4.0
		04.00-113351 28 100	
		04.00-113448 28 100	
U 4000 4.2	(Unimog)[OM904.952]	09.02-113278 28 100	09.02-111982 24 4.0
		09.02-113351 28 100	09.02-114523 24 4.0
	[OM904.953]		09.02-114523 24 4.0
U 4000 4.8	(Unimog)[OM924.923]		09.02-114523 24 4.0
U 45 2.2	(Unimog)[OM615.911]	01.68-12.71 110727	01.66-04.71 110368 12 2.3
U 500 6.4	(Unimog)[OM906.935]	02.01-112561 28 80	10.00-114523 24 4.0
		02.01-113278 28 100	02.01-111982 24 4.0
		02.01-113351 28 100	
		02.01-113448 28 100	
	[OM906.955]	02.01-112561 28 80	10.00-114523 24 4.0
		02.01-113448 28 100	02.01-111982 24 4.0
U 500	[OM906]	01.01-114395	
U 5000 4.8	(Unimog)[OM924.916]	03.03-112561 28 80	03.03-111982 24 4.0
		03.03-113278 28 80	09.02-114523 24 4.0
U 5000 6.4	(Unimog)[OM906.935]		11.02-114523 24 4.0
U 52 2.4	(Unimog)[OM616.911]		01.77-05.88 110368 12 2.3
	[OM616.915]		01.77-05.88 110368 12 2.3
	[OM616.931]		01.77-05.88 110368 12 2.3
	[OM616.932]		01.77-05.88 110368 12 2.3
U 54 3.8	(Unimog)[OM314.916]	04.66-03.72 111141 14 55	09.73-12.76 110525 12 3.0
U 60 2.4	(Unimog)[OM616.911]		01.77-05.88 110368 12 2.3
	[OM616.915]		01.77-05.88 110368 12 2.3
	[OM616.931]		01.77-05.88 110368 12 2.3
	[OM616.932]		01.77-05.88 110368 12 2.3
U 600 2.4	(Unimog)[OM616.911]	01.77-05.88 112098 14 65	01.77-05.88 110368 12 2.3
	[OM616.915]	01.77-05.88 112098 14 65	01.77-05.88 110368 12 2.3
	[OM616.931]	01.77-05.88 112098 14 65	01.77-05.88 110368 12 2.3
	[OM616.932]	01.77-05.88 112098 14 65	01.77-05.88 110368 12 2.3
	[OM616.942]	05.88-02.01 112098 14 65	05.88-02.01 110368 12 2.3
	[OM616.943]	05.88-02.01 112098 14 65	05.88-02.01 110368 12 2.3
U 650 2.4	(Unimog)[OM616.942]	05.88-02.01 112098 14 65	05.88-02.01 110368 12 2.3
	[OM616.943]	05.88-02.01 112098 14 65	05.88-112174 24 3.2
		05.88-02.01 112098 14 65	05.88-112174 24 3.2
U 66 3.8	(Unimog)[OM314.917]		09.73-12.75 110525 12 3.0
U 72 3.8	(Unimog)[OM314.917]		01.76-12.76 110525 12 3.0
U 80 3.8	(Unimog)[OM314.917]		09.73-01.77 110525 12 3.0
U 80 5.7	(Unimog)[OM352.903]		05.66-01.88 110525 12 3.0
	[OM352.984]		09.73-110525 12 3.0
	[OM353.902]		09.73-12.76 110525 12 3.0
U 800 3.8	(Unimog)[OM314.917]	04.82-03.90 112098 14 65	
U 84 5.7	(Unimog)[OM352.903]		05.69-01.88 110525 12 3.0
	[OM353.902]		09.73-12.76 110525 12 3.0
U 90 2.9	(Unimog)[OM602.941]		11.92-113448# 12 2.2
	[OM602.981]	07.96-111890 14 90	07.96-111851 12 2.0
	[OM602.989]	07.96-111890 14 90	07.96-111851 12 2.0
U 90 5.7	(Unimog)[OM352.903]		05.66-01.88 110525 12 3.0
	[OM352.984]		09.73-12.75 110525 12 3.0
	[OM353.902]		05.69-01.88 110525 12 3.0
U 900 5.7	(Unimog)[OM353.902]	04.82-02.01 112098 14 65	
	[OM353.940]	01.77-05.88 112098 14 65	
U 900 6.0	(Unimog)[OM356.912]	11.88-02.01 110766 28 27	
	[OM366.939]	11.88-02.01 110766 28 27	
		11.88-02.01 112098 14 65	
Various Models	(Hanomag)		06.70-02.74 110368 12 2.3
			111793 12 3.0
			01.80-112670 24 4.0
			03.71-02.74 110512 24 5.4
			03.71-02.74 110775 12 1.8
			12.69-12.73 110536 12 2.7
			07.72-06.73 110210 24 6.6
			07.82-111003 24 5.4
			114003 12 6.2
<b>AGRICULTURE</b>			
700 3.8	[OM314.956]	07.73-12.75 111141 14 55	04.74-12.75 110525 12 3.0
	[OM314.957]		03.74-12.75 110525 12 3.0
700 4.0	[OM364.908]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
800 3.8	[OM314.957]	07.73-12.75 111141 14 55	03.74-12.75 110525 12 3.0
800 4.0	[OM364.909]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
900 3.8	[OM314.970]	09.81-12.82 111141 14 55	09.81-12.82 110525 12 3.0
900 4.0 Turbo	[OM364.951]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
1000 5.7	[OM353.985]	12.82-03.87 111141 14 55	12.82-03.87 110525 12 3.0
1000 6.0	[OM366.908]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
	[OM366.912]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
1100 5.7	[OM353.949]	03.79-03.87 111141 14 55	01.81-03.87 110525 12 3.0
1100 6.0	[OM366.908]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
	[OM366.912]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
1300 5.7	[OM353.957]	10.76-03.87 111141 14 55	
1300 6.0	[OM366.958]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
	[OM366.977]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
	[OM366.958]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
1400 6.0	[OM366.977]	03.87-12.91 111141 14 55	03.87-12.91 110525 12 3.0
1500 5.7	[OM353.976]	07.80-03.87 111141 14 55	07.80-03.87 110525 12 3.0
1600 6.0	[OM366.954]	06.90-12.91 111141 14 55	06.90-12.91 110525 12 3.0
65/70 3.8	[OM314.956]	07.73-12.75 112098 14 65	03.74-12.75 110525 12 3.0
<b>MOTORS</b>			
Engine 11.0	[421]		02.86-110539 12 3.6
Engine 3.8	[314]		04.71-12.88 110512 24 5.4
Engine 9.6	[401..]		05.94-110539 12 3.6
<b>Mercruiser</b>			
<b>MARINE</b>			
Various Models 2.5		01.73-01.76 111250 14 42 DR	
Various Models 3.0		01.69-01.79 111250 14 42 DR	01.98-112239 12 1.4
		01.90-01.95 110959 14 55 Mando	
Various Models 3.7			01.80-01.82 112105# 12
Various Models 4.3			01.96-01.01 112239 12 1.4
			110216 12 1.4





Application list

MERCURISER Continued

Various Models 5.0	01.70- 01.77	111250	14	42	DR	01.96- 111699	12	1.6
						01.87- 01.95	111786	12 1.7
						01.98- 01.01	112239	12 1.4
						01.73- 01.95	112232	12 2.4
						01.71- 01.77	112105#	12
						01.85- 01.90	111277	12
Various Models 5.7	01.69- 01.77	111250	14	42	DR	01.75- 01.87	112232	12 1.4
						01.98- 01.01	112239	12 1.4
						01.89- 01.98	111786	12 1.7
						01.87- 01.95	112233	12
Various Models 5.8	01.73- 01.77	111250	14	42	DR	01.73- 01.77	112232	12 2.4
						01.75- 01.77	112105#	12
Various Models Mercury							112897	12 1.7
<b>PASSENGER CARS US</b>								
Bobcat 2.3	01.75- 01.80	110237	14	60		01.75- 01.79	110230	12
	01.75- 01.80	110238	14	70				
Bobcat 2.8	01.75- 01.79	110237	14	60		01.75- 01.79	110230	12
	01.75- 01.79	110238	14	70				
Breezeway 7.0						01.65- 01.65	110226	12
Brougham 6.7						01.67- 01.67	110226	12
Brougham 7.0						01.67- 01.67	110226	12
Callente 7.0						01.65- 01.65	110226	12
Capri 1.6	01.91- 01.94	112100	14	70		01.91- 01.94	110149	12 0.9
	01.71- 01.72	110362				01.71- 01.72	110336	12 0.75
Capri 1.6 Turbo XR2	01.91- 01.94	112100	14	70		01.91- 01.94	110149	12 0.9
Capri 2.0						01.71- 01.74	110336	12 0.75
	01.71- 01.74	111086	14	65		01.71- 01.74	110870#	12 1.0
	01.71- 01.74	110179	14	36				
Capri 2.3	01.79- 01.86	110237	14	60		01.81- 01.86	112963	12 1.4
	01.79- 01.80	110238	14	70				
Capri 2.3 Ghia	01.79- 01.80	110238	14	70				
	01.79- 01.80	110237	14	60				
Capri 2.3 Turbo	01.79- 01.84	110237	14	60		01.83- 01.84	112963	12 1.4
	01.79- 01.79	110238	14	70				
Capri 2.3 Turbo Ghia	01.79- 01.79	110237	14	60				
	01.79- 01.79	110238	14	70				
Capri 2.6						01.72- 01.73	110868	12 1.1
Capri 2.8	01.79- 01.79	110237	14	60		01.74- 01.77	110868	12 1.1
	01.79- 01.79	110238	14	70				
	01.74- 01.77	110362						
	01.76- 01.77	110759	14	35				
Capri 2.8 Ghia	01.79- 01.79	110238	14	70				
	01.79- 01.79	110237	14	60				
Capri 3.3	01.79- 01.82	110238	14	70		06.81- 12.82	112964	12
	01.79- 01.82	110237	14	60				
Capri 3.3 Ghia	01.79- 01.80	110237	14	60				
	01.79- 01.80	110238	14	70				
Capri 3.8						01.83- 01.86	112964	12
Capri 4.2	01.80- 01.82	110237	14	60		01.80- 01.82	112964	12
	01.80- 01.82	110238	14	70		01.80- 01.82	110225	12
Capri 4.2 Ghia	01.80- 01.80	110238	14	70		01.80- 01.80	110225	12
	01.80- 01.80	110237	14	60		01.80- 01.80	112964	12
Capri 5.0	01.79- 01.85	110237	14	60		01.84- 01.86	112964	12
	01.79- 01.85	110238	14	70		01.79- 01.82	110225	12
	01.86- 01.86	112835	14	65				
Capri 5.0 Ghia	01.79- 01.79	110238	14	70		01.79- 01.79	110225	12
	01.79- 01.79	110237	14	60				
Colony Park 5.0	01.84- 01.91	112914	14	100		01.84- 01.91	112964	12
	01.86- 01.91	112835	14	65		01.79- 01.82	110225	12
	01.79- 01.82	110237	14	60				
	01.79- 01.82	110238	14	70				
Colony Park 5.8	01.79- 01.81	110237	14	60		01.71- 01.73	110225	12
	01.79- 01.81	110238	14	70		01.81- 01.81	112964	12
	01.79- 01.81	112914	14	100				
Colony Park 6.4						01.65- 01.70	110226	12
Colony Park 6.6						01.71- 01.76	110228	12
Colony Park 7.0						01.69- 01.73	110229	12
						01.65- 01.68	110226	12
Colony Park 7.5	01.72- 01.76	110238	14	70		01.72- 01.76	110229	12
	01.72- 01.76	110237	14	60				
Comet 2.4						01.60- 01.63	110226	12
Comet 2.8						01.61- 01.64	110226	12
Comet 3.3	01.76- 01.77	110237	14	60		01.64- 01.77	110226	12
Comet 4.1	01.77- 01.77	110237	14	60		01.69- 01.77	110225	12
Comet 4.3						01.63- 01.64	110225	12
						01.63- 01.64	110224	12 1.3
Comet 4.7						01.64- 01.67	110225	12
						01.64- 01.67	110224	12 1.3
Comet 5.0	01.77- 01.77	110237	14	60		01.68- 01.77	110225	12
						01.68- 01.76	110224	12 1.3
Comet 5.8						01.69- 01.69	110224	12 1.3
						01.69- 01.69	110225	12
Comet 6.4						01.66- 01.69	110226	12
Comet 7.0						01.65- 01.67	110226	12
Cougar 2.0	01.99- 12.01	112952#	14	105		01.99- 01.02	112235	12 1.4
						01.99- 01.02	112340	12 1.4
Cougar 2.3	01.81- 01.81	110237	14	60		01.81- 01.81	112963	12 1.4
Cougar 2.3 Turbo	01.84- 01.86	110237	14	60		01.84- 01.86	112963	12 1.4
Cougar 2.5	01.99- 01.02	112939	14	130		01.95- 01.02	112591	12 1.4
	01.01- 01.02	112960#	14	110		01.99- 01.02	111374	12 1.5
Cougar 2.5 S	01.01- 01.01	112939	14	130		01.01- 01.01	111374	12 1.5
	01.01- 01.01	112960#	14	110				
Cougar 3.3	01.81- 01.82	110237	14	60		01.81- 01.82	112964	12
	01.81- 01.82	110238	14	70				
Cougar 3.3 XR-7	01.80- 01.82	110238	14	70				
	01.80- 01.82	110237	14	60				
Cougar 3.8						01.82- 01.86	112964	12
Cougar 3.8 30TH Anniversary	01.94- 12.97	112933	14	130		01.89- 01.96	111183	12 1.4
Cougar 3.8 LS	01.89- 01.92	112835	14	65		01.89- 01.96	111183	12 1.4
	01.87- 01.92	111252	14	75		01.87- 01.90	112964	12
	01.87- 01.90	112836#	14	65				
Cougar 3.8 XR-7	01.97- 01.97	112933	14	130		01.89- 01.97	111183	12 1.4
	01.93- 01.96	111252	14	75		01.82- 01.82	112964	12
Cougar 3.8 Super XR-7						01.89- 01.89	112964	12
						01.89- 01.96	111183	12 1.4
Cougar 4.2	01.81- 01.81	110237	14	60		01.81- 01.81	112964	12
	01.81- 01.81	112914	14	100				
	01.81- 01.81	110238	14	70				
Cougar 4.2 XR-7						01.80- 01.82	112964	12
	01.80- 01.81	110238	14	70		01.80- 01.81	110225	12
	01.80- 01.81	110237	14	60				
	01.80- 12.81	112914	14	100				
Cougar 4.6 30TH Anniversary						01.97- 01.97	112646	12 1.4



Cougar 4.6 XR-7	01.94- 01.96	112927	14	130	01.97- 01.97	112646	12	1.4
	01.94- 01.96	112962#	14	130	01.94- 01.96	112592	12	1.4
Cougar 4.7					01.67- 01.68	110225	12	
					01.67- 01.68	110224	12	1.3
Cougar 4.7 XR-7					01.67- 01.67	110225	12	
					01.67- 01.67	110224	12	1.3
Cougar 5.0	01.77- 01.86	110237	14	60	01.83- 01.86	112964	12	
	01.77- 01.79	110238	14	70	01.68- 01.79	110225	12	
					01.68- 01.70	110224	12	1.3
Cougar 5.0 BOSS 302					01.69- 01.69	110225	12	
					01.69- 01.69	110224	12	1.3
Cougar 5.0 Brougham	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
	01.77- 01.77	110238	14	70				
Cougar 5.0 LS	01.91- 01.92	112922#	14	95	01.87- 01.88	112964	12	
	01.87- 01.88	112835	14	65				
Cougar 5.0 XR-7	01.91- 01.93	112922#	14	95	01.87- 01.88	112964	12	
	01.87- 01.88	112835	14	65	01.68- 01.81	110225	12	
	01.77- 01.81	110238	14	70	01.68- 01.70	110224	12	1.3
	01.77- 01.81	110237	14	60				
Cougar 5.8	01.75- 01.79	110238	14	70	01.69- 01.79	110225	12	
	01.75- 01.79	110237	14	60	01.75- 01.77	110228	12	
					01.69- 01.73	110224	12	1.3
Cougar 5.8 Brougham	01.77- 01.77	110238	14	70	01.77- 01.77	110225	12	
	01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
Cougar 5.8 Brougham Villager	01.77- 01.77	110238	14	70	01.77- 01.77	110225	12	
	01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
Cougar 5.8 XR-7	01.76- 01.79	110237	14	60	01.69- 01.79	110225	12	
	01.76- 01.79	110238	14	70	01.76- 01.77	110228	12	
					01.69- 01.74	110224	12	1.3
Cougar 6.4					01.68- 01.69	110226	12	
Cougar 6.4 XR-7					01.68- 01.69	110226	12	
Cougar 6.6	01.75- 01.78	110238	14	70	01.75- 01.78	110228	12	
	01.75- 01.78	110237	14	60				
Cougar 6.6 Brougham	01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
	01.77- 01.77	110238	14	70				
Cougar 6.6 Brougham Villager	01.77- 01.77	110237	14	60	01.77- 01.77	110228	12	
	01.77- 01.77	110238	14	70				
Cougar 6.6 XR-7	01.73- 01.78	110237	14	60	01.73- 01.78	110228	12	
	01.73- 01.78	110238	14	70				
Cougar 7.0					01.71- 01.71	110229	12	
					01.68- 01.70	110226	12	
Cougar 7.0 Cobra Jet					01.71- 01.71	110229	12	
					01.69- 01.70	110226	12	
Cougar 7.0 XR-7					01.71- 01.71	110229	12	
					01.68- 01.70	110226	12	
Cougar 7.5	01.75- 01.75	110237	14	60	01.75- 01.75	110229	12	
	01.75- 01.75	110238	14	70				
Cougar 7.5 XR-7	01.73- 01.76	110238	14	70	01.73- 01.76	110229	12	
	01.73- 01.76	110237	14	60				
Cyclone 4.7					01.64- 01.67	110224	12	1.3
					01.64- 01.67	110225	12	
Cyclone 5.0					01.68- 01.69	110225	12	
					01.68- 01.69	110224	12	1.3
Cyclone 5.0 CJ					01.69- 01.69	110225	12	
					01.69- 01.69	110224	12	1.3
Cyclone 5.0 GT					01.70- 01.70	110224	12	1.3
					01.70- 01.70	110225	12	
Cyclone 5.8					01.69- 01.71	110225	12	
					01.69- 01.71	110224	12	1.3
Cyclone 5.8 GT					01.70- 01.71	110224	12	1.3
					01.70- 01.71	110225	12	
Cyclone 5.8 Spoiler					01.71- 01.71	110225	12	
					01.71- 01.71	110224	12	1.3
Cyclone 6.4					01.66- 01.69	110226	12	
Cyclone 7.0					01.70- 01.71	110229	12	
					01.68- 01.69	110226	12	
Cyclone 7.0 CJ					01.69- 01.69	110226	12	
Cyclone 7.0 GT					01.70- 01.71	110229	12	
Cyclone 7.0 Spoiler					01.70- 01.71	110229	12	
Grand Marquis 4.2	01.81- 01.82	110238	14	70	03.92- 01.99	112646	12	1.4
	01.81- 01.82	110237	14	60	01.81- 01.82	112964	12	
	01.81- 01.82	112914	14	100				
Grand Marquis 4.6	01.98- 01.02	112947	14	135	01.92- 01.03	113225#	12	1.4
	01.99- 01.02	112942	14	130	01.96- 01.02	112646	12	1.4
					01.92- 01.95	112592	12	1.4
	01.93- 01.95	112927	14	130				
	01.92- 01.95	112921	14	95				
	01.93- 01.95	112962#	14	130				
	01.93- 01.95	112932	14	130				
	01.86- 01.91	112835	14	65				
	01.83- 12.88	112914	14	100				
Grand Marquis 4.6 GS					01.06-	113225#	12	1.4
Grand Marquis 4.6 LS					01.06-	113225#	12	1.4
Grand Marquis 4.6 GS					01.06-	113225#	12	1.4
Grand Marquis 4.6 LS					01.06-	113225#	12	1.4
Grand Marquis 5.0	01.83- 01.91	112914	14	100	01.83- 01.91	112964	12	
	01.91- 01.91	112835	14	65	01.79- 01.82	110225	12	
	01.79- 01.91	110237	14	60				
	01.79- 01.82	110238	14	70				
Grand Marquis 5.0 Colony Park	01.83- 01.83	110237	14	60	01.83- 01.83	112964	12	
	01.83- 01.83	112914	14	100				
Grand Marquis 5.8	01.83- 01.89	112914	14	100	01.80- 01.89	112964	12	
	01.78- 01.81	110237	14	60	01.79- 01.81	110225	12	
	01.78- 01.81	110238	14	70				
Grand Marquis 5.8 Colony Park	01.86- 01.86	112914	14	100	01.86- 01.86	112964	12	
Grand Marquis 6.6	01.75- 01.78	110237	14	60	01.75- 01.78	110228	12	
	01.75- 01.78	110238	14	70				
Grand Marquis 7.5	01.75- 01.78	110238	14	70	01.75- 01.78	110229	12	
	01.75- 01.78	110237	14	60				
LN7 1.6	01.82- 01.83	110237	14	60				
Lynx 1.6	01.81- 01.85	110237	14	60				
Lynx 1.6 LTS								
Lynx 1.6 RS								
Lynx 1.9	01.85- 01.87	113232						
	01.85- 01.87	112841#	14	75				
	01.85- 01.87	112836#	14	65				
Lynx 1.9 XR3	01.86- 01.87	113232						
	01.86- 01.87	112841#	14	75				
	01.86- 01.87	112836#	14	65				
Lynx 2.0								
Marauder 6.4					01.63- 01.70	110226	12	
Marauder 7.0					01.65- 01.65	110226	12	
					01.69- 01.70	110229	12	
					01.69- 01.70	110229	12	
Marauder 7.0 X-100					01.69- 01.70	110229	12	
Marquis 2.3	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12	1.4
Marquis 2.3 Brougham	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCURY Continued

Marquis 2.3	01.83- 01.84	110237	14	60	01.83- 01.84	112963	12	1.4
Marquis 2.3 Brougham	01.83- 01.84	110237	14	60	01.83- 01.84	112963	12	1.4
Marquis 3.3	01.83- 01.83	110238	14	70	01.83- 01.83	112964	12	
	01.83- 01.83	110237	14	60				
Marquis 3.3 Brougham	01.83- 01.83	110237	14	60	01.83- 01.83	112964	12	
	01.83- 01.83	110238	14	70				
Marquis 3.8					01.83- 01.86	112964	12	
Marquis 3.8 Brougham					01.83- 01.86	112964	12	
Marquis 4.2	01.81- 01.82	112914	14	100	01.81- 01.82	112964	12	
	01.81- 01.82	110238	14	70				
	01.81- 01.82	110237	14	60				
Marquis 4.2 Brougham	01.81- 01.82	110238	14	70	01.81- 01.82	112964	12	
	01.81- 01.82	110237	14	60				
	01.81- 01.82	112914	14	100				
Marquis 5.0	01.79- 01.82	110238	14	70	01.90- 01.91	111183	12	1.4
	01.79- 01.85	110237	14	60	01.79- 01.82	110225	12	
	01.79- 01.85	112914	14	100	01.85- 01.85	112964	12	
Marquis 5.0 Brougham	01.79- 01.82	110238	14	70	01.90- 01.91	111183	12	1.4
	01.79- 01.82	112914	14	100	01.79- 01.82	110225	12	
	01.79- 01.82	110237	14	60				
Marquis 5.8	01.78- 01.81	110237	14	60	01.71- 01.81	110225	12	
	01.80- 01.81	112914	14	100	01.80- 01.81	112964	12	
	01.78- 01.81	110238	14	70				
Marquis 5.8 Brougham	01.78- 01.82	110238	14	70	01.71- 01.82	110225	12	
	01.78- 01.82	110237	14	60	01.80- 01.82	112964	12	
	01.80- 01.82	112914	14	100				
Marquis 6.4					01.68- 01.70	110226	12	
Marquis 6.4 Brougham					01.70- 01.70	110226	12	
Marquis 6.6	01.77- 01.78	110238	14	70	01.71- 01.76	110228	12	
	01.77- 01.78	110237	14	60				
Marquis 6.6 Brougham	01.77- 01.78	110238	14	70	01.72- 01.76	110228	12	
	01.77- 01.78	110237	14	60				
Marquis 6.7					01.67- 01.67	110226	12	
Marquis 7.0					01.67- 01.69	110226	12	
					01.69- 01.73	110229	12	
Marquis 7.0 Brougham					01.70- 01.73	110229	12	
Marquis 7.5	01.72- 01.78	110237	14	60	01.72- 01.78	110229	12	
	01.72- 01.78	110238	14	70				
Marquis 7.5 Brougham	01.72- 01.78	110238	14	70	01.72- 01.78	110229	12	
	01.72- 01.78	110237	14	60				
Monarch 3.3	01.75- 01.77	110238	14	70	01.75- 01.77	110226	12	
	01.75- 01.77	110237	14	60				
Monarch 4.1	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12	
	01.75- 01.80	110238	14	70				
Monarch 4.1 Ghia	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
	01.75- 01.77	110237	14	60				
Monarch 4.2	01.80- 01.80	110238	14	70	01.80- 01.80	112964	12	
	01.80- 01.80	110237	14	60				
Monarch 5.0	01.75- 01.80	110237	14	60	01.80- 12.80	112964	12	
	01.75- 01.80	110238	14	70	01.75- 01.80	110225	12	
					01.75- 01.80	110224	12	1.3
Monarch 5.0 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110224	12	1.3
	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
Monarch 5.8	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12	
	01.75- 01.77	110238	14	70				
Monarch 5.8 Ghia	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
	01.75- 01.77	110237	14	60				
Montclair 6.4					01.65- 01.68	110226	12	
Montclair 6.7					01.66- 01.67	110226	12	
Montclair 7.0					01.65- 01.68	110226	12	
Montego 3.3					01.68- 01.68	110226	12	
Montego 3.3 MX					01.68- 01.68	110226	12	
Montego 4.1					01.69- 01.74	110225	12	
Montego 4.1 MX					01.69- 01.73	110225	12	
Montego 4.1 MX Brougham					01.70- 01.72	110225	12	
Montego 4.1 Villager					01.70- 01.72	110225	12	
Montego 5.0					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
Montego 5.0 GT					01.72- 01.73	110225	12	
					01.72- 01.73	110224	12	1.3
Montego 5.0 MX					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
Montego 5.0 MX Brougham					01.70- 01.74	110225	12	
					01.70- 01.74	110224	12	1.3
Montego 5.0 Villager					01.70- 01.74	110225	12	
					01.70- 01.74	110224	12	1.3
Montego 5.8	01.75- 01.76	110237	14	60	01.69- 01.76	110225	12	
	01.75- 01.76	110238	14	70	01.69- 01.76	110224	12	1.3
					01.75- 01.76	110228	12	
Montego 5.8 GT					01.72- 01.73	110225	12	
					01.72- 01.73	110224	12	1.3
Montego 5.8 MX	01.75- 01.76	110237	14	60	01.69- 01.76	110225	12	
	01.75- 01.76	110238	14	70	01.69- 01.76	110224	12	1.3
					01.75- 01.76	110228	12	
Montego 5.8 MX Brougham	01.75- 01.76	110237	14	60	01.70- 01.76	110225	12	
	01.75- 01.76	110238	14	70	01.70- 01.76	110224	12	1.3
					01.75- 01.76	110228	12	
Montego 5.8 Villager	01.75- 01.76	110237	14	60	01.70- 01.76	110225	12	
	01.75- 01.76	110238	14	70	01.70- 01.76	110224	12	1.3
					01.75- 01.76	110228	12	
Montego 6.4					01.68- 01.69	110226	12	
Montego 6.4 MX					01.68- 01.69	110226	12	
Montego 6.6					01.72- 01.76	110229	12	
					01.72- 01.76	110228	12	
Montego 6.6 GT					01.72- 01.73	110229	12	
					01.72- 01.73	110228	12	
Montego 6.6 MX					01.72- 01.76	110229	12	
					01.72- 01.76	110228	12	
Montego 6.6 MX Brougham					01.72- 01.76	110229	12	
					01.72- 01.76	110228	12	
Montego 6.6 Villager					01.72- 01.76	110229	12	
					01.72- 01.76	110228	12	
Montego 7.0					01.70- 01.73	110229	12	
					01.68- 01.68	110226	12	
Montego 7.0 GT	01.72- 01.73	110238	14	70	01.72- 01.73	110229	12	
	01.72- 01.73	110237	14	60				
Montego 7.0 MX					01.70- 01.73	110229	12	
					01.69- 01.69	110226	12	
Montego 7.0 MX Brougham					01.70- 01.73	110229	12	
Montego 7.0 Villager	01.72- 01.73	110238	14	70	01.72- 01.73	110229	12	
	01.72- 01.73	110237	14	60				
Montego 7.5	01.76- 01.76	110238	14	70	01.76- 01.76	110229	12	
	01.76- 01.76	110237	14	60				
Montego 7.5 MX	01.73- 01.76	110238	14	70	01.73- 01.76	110229	12	
	01.73- 01.76	110237	14	60				
Montego 7.5 MX Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				



Montego 7.5 Villager	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Monterey 4.2					01.04- 01.07	112586	12	1.4
Monterey 4.2 Luxury					01.06- 01.07	112586	12	1.4
Monterey 4.2 Premier					01.04- 01.07	112586	12	1.4
Monterey 5.8					01.71- 01.73	110225	12	
Monterey 5.8 Custom					01.71- 01.73	110225	12	
Monterey 6.4					01.65- 01.70	110226	12	
Monterey 6.4 Custom					01.69- 01.70	110226	12	
Monterey 6.6					01.71- 01.74	110228	12	
Monterey 6.6 Custom					01.71- 01.74	110228	12	
Monterey 6.7					01.66- 01.67	110226	12	
Monterey 7.0					01.69- 01.73	110229	12	
Monterey 7.0 Custom					01.65- 01.70	110226	12	
					01.69- 01.70	110226	12	
					01.69- 01.73	110229	12	
Monterey 7.5	01.72- 01.74	110238	14	70	01.72- 01.74	110229	12	
	01.72- 01.74	110237	14	60				
Monterey 7.5 Custom	01.72- 01.74	110238	14	70	01.72- 01.74	110229	12	
	01.72- 01.74	110237	14	60				
Mountaineer 4.0	01.98- 01.03	112946	14	130	01.98- 01.03	112597	12	1.4
Mountaineer 4.0	01.02- 01.03	112946	14	130	01.02- 01.03	112597	12	1.4
Mountaineer 4.6	01.02- 01.03	112942	14	130	01.02- 01.05	113813	12	1.4
Mountaineer 5.0	01.97- 01.01	112946	14	130	01.97- 01.01	113226#	12	1.4
Mystique 2.0					01.99- 01.00	112340	12	1.4
					01.99- 01.00	112335	12	1.4
Mystique 2.0 GS	02.98- 12.99	112952#	14	105	01.99- 01.00	112335	12	1.4
					01.95- 01.98	112340	12	1.4
Mystique 2.0 LS					01.95- 01.98	112340	12	1.4
					01.95- 01.98	112340	12	1.4
Mystique 2.5	01.99- 01.00	112939	14	130	01.99- 01.00	111374	12	1.5
	01.99- 01.00	112960#	14	110				
Mystique 2.5 GS	01.95- 12.98	112939	14	130	01.95- 01.98	111374	12	1.5
Mystique 2.5 LS	01.96- 01.98	112939	14	130	01.96- 01.98	111374	12	1.5
Mystique 2.5 Young America	01.95- 01.95	112939	14	130	01.95- 01.95	111374	12	1.5
Park Lane 6.4					01.65- 01.68	110226	12	
Park Lane 6.7					01.66- 01.67	110226	12	
Park Lane 7.0					01.65- 01.68	110226	12	
Sable 2.5	01.86- 01.86	112836#	14	65				
	01.86- 01.86	112841#	14	75				
	01.86- 01.86	113232						
Sable 3.0	01.88- 01.90	112915#	14	100	01.87- 01.92	112966#	12	2.2
	01.96- 01.02	112944	14	130	01.93- 01.98	112584	12	1.4
	01.96- 01.00	112936	14	130	01.92- 01.99	112586	12	1.4
	01.93- 12.93	112931	14	130	01.01- 01.05	112604		
	01.02- 01.02	114142	14	110	01.96- 01.99	112606		
					01.98- 01.99	112587		
	01.91- 12.92	112926#	14	130	01.95- 01.01	112591	12	1.4
	01.87- 01.87	112914	14	100				
	01.87- 01.87	110238	14	70				
Sable 3.0					01.01- 01.05	112604		
Sable 3.0 GS					01.05- 01.05	112604		
Sable 3.8	01.94- 01.95	112938#	14	130	01.90- 01.95	112586	12	1.4
	01.91- 01.93	112920#	14	130	01.91- 01.95	112584	12	1.4
	01.88- 12.90	112915#	14	100	01.88- 01.93	112966#	12	2.2
Topaz 2.0								
Topaz 2.3	01.87- 01.94	113232			01.91- 01.94	111370	12	1.2
	01.87- 01.94	112841#	14	75				
	01.91- 01.94	112922#	14	95				
	01.88- 01.90	111395#	14	75				
	01.84- 01.90	112836#	14	65				
	01.85- 01.86	112838#	14	65				
Topaz 3.0					01.92- 01.94	112586	12	1.4
					01.92- 01.94	112584	12	1.4
Tracer 1.6	01.88- 01.89	112297	14	60	01.87- 01.89	110149	12	0.9
Tracer 1.8 LTS	01.91- 01.96	110663	14	60	01.91- 01.96	113216#	12	1.4
	01.91- 01.96	110689#	14	65	01.91- 01.96	112589		
Tracer 1.9	01.91- 01.93	113236	14	75				
Tracer 1.9 Trio								
	01.94- 01.96	113236	14	75				
Tracer 2.0	01.99- 01.99	111199	14	95				
	01.99- 01.99	112941#	14	75				
Tracer 2.0 LS								
	01.97- 12.98	112941#	14	75				
Tracer 2.0 Trio								
	01.97- 01.98	112941#	14	75				
Villager 3.0	01.96- 01.98	113369#	14	110	01.93- 01.98	113614#	12	1.7
	01.93- 01.95	113368#	14	110	01.93- 01.98	113136	12	2.0
Villager 3.3	01.99- 01.02	113370#	14	125	01.99- 01.02	113136	12	2.0
Villager 7.0					01.65- 01.65	110226	12	
Zephyr 2.3	01.78- 01.82	110237	14	60				
	01.78- 01.82	110238	14	70				
Zephyr 2.3 GS	01.83- 01.83	110237	14	60	01.83- 01.83	112963	12	1.4
Zephyr 2.3 Z7	01.78- 01.83	110238	14	70				
	01.78- 01.83	110237	14	60				
Zephyr 3.3	01.78- 01.82	110238	14	70				
	01.78- 01.82	110237	14	60				
	08.79- 12.82	112914	14	100				
Zephyr 3.3 GS	01.83- 01.83	112914	14	100	01.83- 01.83	112964	12	
	01.83- 01.83	110237	14	60				
	01.83- 01.83	110238	14	70				
Zephyr 3.3 Z7	01.80- 01.83	112914	14	100	01.83- 01.83	112964	12	
	01.78- 01.83	110237	14	60				
	01.78- 01.83	110238	14	70				
Zephyr 4.2	01.80- 01.82	112914	14	100	01.80- 01.82	110225	12	
	01.80- 01.82	110238	14	70	01.80- 01.82	112964	12	
	01.80- 01.82	110237	14	60				
Zephyr 4.2 Z7	01.80- 01.81	110238	14	70	01.80- 01.81	110225	12	
	01.80- 01.81	110237	14	60	01.80- 01.81	112964	12	
	01.80- 01.81	112914	14	100				
Zephyr 5.0	01.78- 01.79	110237	14	60	01.78- 01.79	110225	12	
	01.78- 01.79	112914	14	100				
	01.78- 01.79	110238	14	70				
Zephyr 5.0 Z7	01.78- 01.79	110238	14	70	01.78- 01.79	110225	12	
	01.78- 01.79	110237	14	60				
	01.78- 01.79	112914	14	100				
<b>TRUCKS EU</b>								
Mountaneer 4.0					01.98- 01.99	112597	12	1.4
					01.98- 01.99	112599#	12	1.4
<b>MARINE</b>								
225 3.0		112491#	14	50				
250 3.0		112491#	14	50				
4,00E+37					01.78-	114261	12	1.0
40EL36					01.78-	114261	12	1.0
55E					01.78-	114261	12	1.0
60EL					01.78-	114261	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.







Mitsubishi												
PASSENGER CARS EU												
3000 GT 3.0 i 24V	(Z16A)[6G72]	06 92-08 99-12 99	111406 113566#	14 14	110 90		06 92-06 92-	05 93	111242# 111241	12 12	1.2 1.2	
Carisma 1.6	(DA1A)[4G92]	12 98-06 06	113832	14	90		AT 12 98-12 98-		113040 111508	12 12	0.9 1.2	
	[4G92]	07 95-06 06	113832	14	90		07 95-05 97-		111508 113040 111971	12 12 12	1.2 0.9 1.2	
							09 00-		111508	12	1.2	
Carisma 1.8	[4G93]	07 95-06 06	113832	14	90		05 95-05 97-		111508 113040 111971	12 12 12	1.2 0.9 1.2	
							AT 05 95-05 97-		113040 111971	12 12	0.9 1.2	
Carisma 1.8 16V	[4G93]	07 95-09 97-09 97-	113832 112327 112328	14 14 14	90 100 85		05 95-05 97-		111508 113040 111971	12 12 12	1.2 0.9 1.2	
							AT 05 95-05 97-		113040 111971	12 12	0.9 1.2	
Carisma 1.8 GDI 16V	[4G93]	09 97-09 97-	112327 112328	14 14	100 85		09 97-		111971	12	1.2	
Carisma 1.8 GDI	(DA_)	10 00-	112327	14	100		10 00-		113040	12	0.9	
Carisma 1.9 TD	[F80T]						10 00-		111971	12	1.2	
Celeste 1.6	(A72)[4G32]	01 77-06 81	110140	14	50		10 96-		112295	12	1.7	
							01 77-01 77-01 79-	06 81 01 80 01 80	110158 110291 110311#	12 12 12	1.2 1.2 1.2	
Celeste 2.0	(A78)[4G52]	10 75-06 81	110318	14	50		10 75-01 79-01 79-	06 81 01 79 01 80	110157 110311#	12 12	1.0 1.2	
Colt 1.1	[3A91]						10 04-		114108	12	0.9	
Colt 1.2	(A151A)[4G11]	12 78-01 84	110140	14	50		01 75-12 78-	01 78 01 84	110157 110158	12 12	1.0 1.2	
	(A15A)[4G16]						02 84-	09 86	110158	12	1.2	
			06 86-09 86	110660	14	65						
		AT										
	(C15A)[4G16]	AT 01 86-09 86-09 86-	110660 110660	14 14	65 65		09 86-	04 88	110158	12	1.2	
Colt 1.3	(C1_A)[G13B]	06 86-04 88	110660	14	65		06 86-	04 88	110158	12	1.2	
	(C5_A)[4G13]	04 88-04 88-12 90	110659 112531	14 14	75 60		04 88-	12 90	110315	12	0.9	
	(C51A)[4G13]	04 88-04 88-05 92	110659 112531	14 14	75 60		04 88-	05 92	110315	12	0.9	
	[4A90]						06 04-		114108	12	0.9	
Colt 1.3 1300	(CJ1A)[4G13]	09 00-09 00-06 03	111971 112353#	14 14	80 80		09 00-09 00-	07 05 07 05	111971 113040	12 12	1.2 0.9	
Colt 1.3 GLX	[4G13]	11 95-	112353#	14	80		05 96-		113040	12	0.9	
Colt 1.3 12V	(C51A)[4G13]	07 90-07 90-05 92	110659 112531	14 14	75 60		07 90-	05 92	110315	12	0.9	
	(CA1A)[4G13]	04 92-07 90-	112528 112531	14 14	75 60		04 92-		110315	12	0.9	
Colt 1.4	(A152A)[4G12]	05 79-01 84	110140	14	50		07 80-05 79-	10 83 10 83	110158 110157	12 12	1.2 1.0	
Colt 1.4 Turbo	(A152A)[4G12T]	09 81-01 84	110140	14	50		09 81-	01 84	110479	12	0.9	
Colt 1.5	(C12A)[4G15]						09 84-	04 88	110315	12	0.9	
			06 86-04 88	110660	14	65						
			AT									
		[G15B]	AT 01 86-04 88	110660	14	65		09 85-	04 88	110315	12	0.9
			06 86-04 88	110660	14	65						
			AT									
	(C52A)[4G15]	AT 01 86-04 88-04 88-05 92	110660 110659 112531	14 14 14	65 75 60		04 88-	05 92	110315	12	0.9	
Colt 1.5 CZC	[4A91]						06 04-		114108	12	0.9	
Colt 1.5 CZT	[4G15T]						05 06-		114108	12	0.9	
Colt 1.5 16V 1500	(CJ2A)[4G15]						03 05-		114108	12	0.9	
Colt 1.5 Turbo CZC							11 95-		113040	12	0.9	
Colt 1.6 1600	(CJ1A)	09 00-09 00-06 03	112328	14	85		05 06-		114108	12	0.9	
Colt 1.6 1600 GLX	[4G92]	05 96-	112328	14	85		09 00-05 96-	06 03	113040 111971 113040	12 12 12	0.9 1.2 0.9	
Colt 1.6 16V	(CA4A)[4G92]	04 92-	111375	14	75		AT 04 92-12 91-	05 92	111380 110158 111379	12 12 12	1.2 1.2 1.2	
Colt 1.6 GTI 16V	(C53A)[4G61]	04 88-05 90	110802	14	75		04 88-	05 90	110315	12	0.9	
Colt 1.6 Turbo	(C13A)[4G32T/C]						02 84-	04 88	110479	12	0.9	
Colt 1.6 Turbo ECI	(C13A)[G32BT]						07 86-	04 88	110479	12	0.9	
Colt 1.8 16V	(CA5A)[4G93]	04 92-	111375	14	75		04 92-		111379			
Colt 1.8 GTI 16V	(C58A)[4G67]	06 90-05 92	110802	14	75		12 91-01 90-06 92-	05 92	110158 110315 110811	12 12 12	1.2 0.9 1.2	
Colt 1.8 Diesel	[C14A][4D65]						06 90-	05 92	110811	12	1.2	
	(C54A)[4D65]	04 88-05 92	111243	14	65		04 88-	05 92	110809 111912	12 12	2.0 2.2	
Colt 2.0 Diesel	(CA8)[4D68]	07 92-07 92-	111587 111952#	14 14	75 90	VP	07 92-		110809	12	2.0	
Cordia 1.6	(A212A)[4G32]	10 82-12 86	110405#	14	65		10 82-	07 84	110158	12	1.2	
Cordia 1.6 Turbo	(A212A)[4G32T]	10 82-05 85	110405#	14	65		09 82-	05 85	110158	12	1.2	
Cordia 1.8	(A215A)[4G37]						10 86-	12 86	110158	12	1.2	
Cordia 1.8 Turbo	(A213A)[4G62T]	10 84-12 86	110405#	14	65		10 84-	12 86	110158	12	1.2	
Delica 2.5 Diesel	[4D56]	01 96-	114367	14	65							
Eclipse 2.0 16V GS	[4G63]	08 95-	111376	14	75		12 95-	01 99	110811 112916#	12	1.2	
Eclipse 2.0 i 16V	(D22A)[4G63]	04 91-04 91-02 94	110804 111376	14 14	90 75		Kat. 01 90-04 91-	03 94 11 95	111305 110811	12 12	1.2 1.2	
	[4G63]	04 91-04 91-02 94	110804 111376	14 14	90 75		04 91-	11 95	110811	12	1.2	
Eclipse 2.0 i 16V 4WD	[4G63]	04 91-04 91-11 95	110804 111376	14 14	90 75		04 91-	11 95	110811	12	1.2	
Eclipse 2000 2.0 16V GT	[4G63]	12 95-	110804	14	90		12 95-		110811	12	1.2	
Galant 1.6	(A11A)[4G32]	06 86-01 77-08 80-	110666 110140	14 14	60 50		06 84-	12 87	110315	12	0.9	
	(A12_)[4G32]	01 77-01 77-08 80-	110140	14	50		01 77-01 77-01 77-	08 80 08 80 08 80	110157 110158 110315	12 12 12	1.0 1.2 0.9	
	(A161A)[4G32]	09 80-09 80-05 84	110140	14	50		09 80-	05 84	110158 110315	12 12	1.2 0.9	
	(A161V)[4G32]	09 80-09 80-05 84	110140	14	50		09 80-	05 84	110158 110315	12 12	1.2 0.9	
	(A121V)[4G32]	01 79-01 79-08 80	110140	14	50		01 79-01 79-01 79-	08 80 08 80	110158 110315	12 12	1.2 0.9	
Galant 1.6 GL	(A121V)[4G32]	01 79-01 79-08 80	110140	14	50		01 79-01 79-01 79-	08 80 08 80	110158 110315	12 12	1.2 0.9	
Galant 1.8	(E32A)[4G37]	11 87-11 87-10 92	110666	14	60		01 90-11 87-	10 92	110811 110315	12 12	1.2 0.9	
	(E52A)[4G93]	05 92-	111375	14	75		AT 05 92-05 92-		110958 111379	12	0.9	



MITSUBISHI Continued

Galant 1.8 TD	(E14A)[4D65T]					06.84- 12.87	111461	12	2.2
	(E34A)[4D65T]	06.86- 12.87	110687#	14	65				
Galant 2.0	(A12_)[4G52]	12.87- 10.92	110687#	14	65	12.87- 10.92	110809	12	2.0
		11.88- 10.92	111339	14	65				
	(A163)[4G63]	01.77- 08.80	110318	14	50	01.77- 08.80	110158	12	1.2
						AT 01.77- 08.80	110311#	12	1.2
						01.71- 01.77	110157	12	1.0
						01.77- 01.80	110291	12	1.2
	(A163V)[4G63]	09.80- 05.84	110318	14	50	AT 09.80- 05.84	110311#	12	1.2
						09.80- 05.84	110158	12	1.2
	(E15A)[4G63]	09.80- 06.83	110318	14	50	AT 09.80- 06.83	110311#	12	1.2
						09.80- 06.83	110158	12	1.2
	[G63B]	06.86- 12.87	112531	14	60	AT 06.84- 05.86	110311#	12	1.2
						06.84- 12.87	110315	12	0.9
	(E33A)[4G63]	06.86- 12.87	112531	14	60	06.84- 12.87	110811	12	1.2
						06.86- 12.87	110811	12	1.2
	(E55A)[4G63]	04.89- 10.92	110802	14	75	AT 11.87- 10.92	111380	12	1.2
		11.87- 10.92	110804	14	90	11.87- 10.92	110811	12	1.2
	(EA2A)[4G63]	11.92- 11.92	111376	14	75	11.87- 10.92	110315	12	0.9
		11.92- 113034#	113034#	14	90	11.92-	110811	12	1.2
	(EA2W)[4G63]	09.96-	112328	14	85	09.96-	113325	12	0.9
						09.96- 09.00	113638	12	1.4
						09.96- 09.00	113658	12	1.4
						09.96- 09.00	113658	12	1.4
					09.00- 10.04	113658	12	1.4	
Galant 2.0 4WD	(E38A)[4G63]	12.88- 10.92	110802	14	75	AT 12.88- 10.92	111380	12	1.2
		12.88- 10.92	110804	14	90	12.88- 10.92	110811	12	1.2
	(E39A)[4G63]	12.88- 10.92	110804	14	90	12.88- 10.92	110315	12	0.9
		04.89- 10.92	110802	14	75	04.89- 10.92	110811	12	1.2
		04.89- 10.92	110804	14	90	AT 04.89- 10.92	111380	12	1.2
	(E75A)[4G63]	04.89- 10.92	110804	14	90	04.89- 10.92	110315	12	0.9
	11.92-	111376	14	75	AT 11.92-	111380	12	1.2	
	11.92-	113034#	14	90	11.92-	110811	12	1.2	
					11.92-	110315	12	0.9	
					11.92-	111305	12	1.2	
Galant 2.0 GLX	(A123V)[4G52]	01.79- 08.80	110318	14	50	01.79- 08.80	110158	12	1.2
					AT 01.79- 08.80	110311#	12	1.2	
Galant 2.0 16V	(E33A)[4G63]	11.87- 10.92	110802	14	75	AT 11.87- 10.92	111380	12	1.2
		11.89- 10.92	110804	14	90	11.87- 10.92	110811	12	1.2
						Kat. 11.88- 10.92	111305	12	1.2
					11.87- 10.92	110315	12	0.9	
					11.88- 10.92	111305	12	1.2	
Galant 2.0 16V 4WD	(E3_A)[4G63]	06.88- 10.92	110802	14	75	AT 06.88- 10.92	111380	12	1.2
		11.89- 10.92	110804	14	90	06.88- 10.92	110811	12	1.2
					06.88- 10.92	110315	12	0.9	
Galant 2.0 GTI 16V	(E3_A)[4G63]	11.87- 10.92	110802	14	75	A13 11.87- 10.92	110811	12	1.2
					11.87- 10.92	110315	12	0.9	
Galant 2.0 GTI 16V 4WD	[4G63]	07.89- 12.92	110802	14	75	AT 07.89- 12.92	110811	12	1.2
		11.89- 12.92	110804	14	90	07.89- 12.92	111380	12	1.2
					07.89- 12.92	110315	12	0.9	
Galant 2.0 Turbo	(A164)[4G63T]	05.82- 05.84	110405#	14	65	AT 05.82- 05.84	110311#	12	1.2
	(E15A)[4G63T]					05.82- 05.84	110158	12	1.2
					AT 06.84- 05.85	110311#	12	1.2	
					06.84- 05.85	110158	12	1.2	
					06.84- 05.85	110315	12	0.9	
Galant 2.0 V6 24V	(E54A)[6A12]	11.92- 09.97	111627	14	90				
		AT 11.92- 07.94	111627	14	90				
Galant 2.0 TD	(E57A)[4D68]	11.92-	111952#	14	90	11.92-	110809	12	2.0
						11.92- 08.96	111912	12	2.2
Galant 2.0 TDi	(EA6A)[4D68]					09.96-	110809	12	2.0
	(EA6W)[4D68]					09.96-	110809	12	2.0
Galant 2.3 TD	(A167)[4D55T]	11.81- 05.84	110805	14	50	09.80- 05.84	110809	12	2.0
		07.83- 05.84	110672	14	55	A13 09.80- 05.84	111461	12	2.2
						09.80- 05.84	111912	12	2.2
	(A167V)[4D55T]	07.83- 05.84	110672	14	55	07.83- 05.84	110809	12	2.0
		07.83- 05.84	110805	14	50	07.83- 05.84	111912	12	2.2
					A13 07.83- 05.84	111461	12	2.2	
Galant 2.4	(E16A)[G64B]	06.86- 12.87	112531	14	60	11.84- 05.86	110311#	12	1.2
					06.86- 12.87	110811	12	1.2	
Galant 2.4 GDi	(EA3A)[4G64]	AC 02.99-	112327	14	100				
	(EA3W)[4G64]	AC 02.99-	112327	14	100				
Galant 2.5 V6 24V	(E88A)[6G73]					11.92-	111241	12	1.2
		11.92-	112354#	14	75				
	(EA5A)[6A13]	09.96- 09.00	112348	14	100				
	(EA5W)[6A13]	09.96-	112348	14	100				
Gallopier 2.5 Diesel Intercooler	[D4BH]	02.99-	113519	14	90	08.98-	111565	12	2.2
Gallopier 2.5 TD	[JK-01]					02.99-	111565	12	2.2
Gallopier 3.0 V6	[G6AT]	08.98-	111314	14	90	02.99-	111565	12	2.2
L 200 2.0	[4G63]	06.96-	111376	14	75	AT 01.96- 06.01	110811	12	1.2
						01.96- 06.01	110315	12	0.9
L 200 2.4 4WD	[4G64]					01.96-	110811	12	1.2
L 200 2.5 Di-D	(KB4T)[4D56]					05.06-	111912	12	2.2
						10.07-	111912	12	2.2
L 200 2.5 Diesel	(K14T)[4D56]	11.86- 08.96	110805	14	50	11.86- 08.96	110809	12	2.0
		11.86- 08.96	110806	14	65	A13 11.86- 08.96	111461	12	2.2
	[4D56]	01.96-	111594	14	75	06.96-	111912	12	2.2
		01.96-	112128	14	75	06.96-	113326	12	2.2
		01.96-	112205	14	90				
	06.96-	112355	14	80					
L 200 2.5 Diesel 4WD	(K24, 34T)[4D56]	12.87- 05.93	110805	14	50	12.87- 05.93	110809	12	2.0
		12.87- 05.93	110806	14	65	A13 12.87- 05.93	111461	12	2.2
L 200 2.5 TD 4WD	(K6_T)	08.03-	112128	14	75				
		08.03-	111594	14	75				
	(K74T)	01.96-	112355	14	80				
		01.96-	112128	14	75				
		01.96-	111594	14	75				
	[4D56]	11.01-	111594	14	75				
		11.01-	112128	14	75				
		11.01-	112205	14	90				
	[4D56T]	11.92- 08.96	110805	14	50	11.01-	111912	12	2.2
		11.92- 08.96	110806	14	65	A13 11.92- 08.96	111461	12	2.2
	[4D56TD]	01.96-	111594	14	75	06.96-	111912	12	2.2
		01.96-	112128	14	75	06.96-	113326	12	2.2
		01.96-	112205	14	90				
		06.96-	112355	14	80				
	L 200 2.6 4WD	[G54B]					11.89- 05.95	110811	12
L 300 1.6	(L)[4G32]	04.83- 10.86	110140	14	50	04.83-	110158	12	1.2
		04.83- 04.84	110405#	14	65				
	(L030PW)[4G32]	11.84- 10.86	110140	14	50	11.84- 02.87	110158	12	1.2
		11.84- 02.87	110405#	14	65				



	(L032P)[4G32]	05.80- 10.86	110140	14	50	05.80- 10.86	110158	12	1.2
		05.80- 10.86	110405#	14	65				
	(P02V,P12V)[4G32]	11.86-	110405#	14	65	11.86-	110158	12	1.2
	(R12V,P02V)[4G32]	11.86- 05.94	110405#	14	65	11.86-	110158	12	1.2
L 300 1.8 4WD	(L03_P)[4G62]	08.84- 11.86	110318	14	50	08.84- 02.87	110315	12	0.9
L 300 2.0	(P0_W,P1_W,P2_W)[4G63]	07.96-	114461	14	90	07.96- 08.97	110811	12	1.2
						07.96- 08.97	110315	12	0.9
	(P03V,2W,13V)[4G63]	11.86-	111372	14	65	11.86-	110811	12	1.2
						11.86-	110315	12	0.9
	(P03V,P13V)[G63B]	11.86-	111372	14	65	11.86-	110811	12	1.2
		11.86-	111469#	14	45	11.86-	110315	12	0.9
	(P03W)[G63B]	11.86-	111372	14	65	11.86-	110811	12	1.2
	[4G63]	07.94-	114432	14	100	06.94- 04.00	110315	12	0.9
L 300 2.0 4WD	(L030PW)[4G63]	11.86- 02.87	111372	14	65	11.86- 02.87	110811	12	1.2
		11.86- 02.87	111469#	14	45				
	(P23V,W)[4G63]	12.86-	111372	14	65	12.86-	110811	12	1.2
		12.86-	111469#	14	45				
	(P23W)[4G63]	11.86-	111372	14	65	11.86-	110811	12	1.2
		11.86-	111469#	14	45				
L 300 2.3 Diesel	(I030P)[4D55]	09.83- 10.86	110672	14	55	09.83- 10.86	110809	12	2.0
		09.83- 10.86	110805	14	50				
	(L038P)[4D55]	04.83- 10.86	110672	14	55	04.83- 10.86	110809	12	2.0
		04.83- 10.86	110805	14	50				
L 300 2.4	(P04V,W,14V)[4G64]	11.90- 01.94	111372	14	65	11.90-	110315	12	0.9
						11.90-	110811	12	1.2
L 300 2.4 4WD	(P24V,W)[4G64]	11.90-	111372	14	65	11.90-	110811	12	1.2
						11.90-	110315	12	0.9
	[G64B]	11.86- 05.94	111314	14	90	11.86-	110315	12	0.9
						01.91-	110811	12	1.2
L 300 2.5 Diesel	(P05V, W, 15V)[4D56]	11.86- 01.94	111372	14	65	11.86-	111912	12	2.2
		11.86- 10.88	110806	14	65	11.86-	110809	12	2.0
		11.86- 06.99	111491	14	75				
		11.88- 05.94	111339	14	65				
		11.91- 05.94	112331#	14	75				
	(P05W, 05U, 15V)[4D56]	06.94- 08.96	111872	14	65				
	(P15T)[4D56T]	11.94-	112065	14	65	11.94-	111912	12	2.2
	(P05V, P05W, P15V)[4D56]	11.86- 10.88	110806	14	65	11.86-	111912	12	2.2
		11.86- 05.96	111491	14	75	11.86-	110809	12	2.0
		11.86- 05.94	112331#	14	75				
		11.88- 05.94	111339	14	65				
	[4D56]	11.86-	110806	14	65	11.86- 04.94	111912	12	2.2
		11.86-	111240	14	50	11.86- 04.94	110809	12	2.0
		11.86- 04.94	111339	14	65				
L 300 2.5 TD 4WD	(P25V, P25W, P45V)[4D56T]	11.88- 11.91	111339	14	65	11.88-	111912	12	2.2
		11.88-	111594	14	75	11.88-	110809	12	2.0
		11.91- 12.93	112331#	14	75				
L 400 2.0	(PA0V)[4G63]					06.96- 03.01	110811	12	1.2
L 400 2.5 TD 2500	(PA5V)[4D56T]	12.94- 12.95	112065	14	65	09.96-	111912	12	2.2
		01.96-	111594	14	75				
		01.96-	112128	14	75				
		A13 01.96-	112355	14	80				
	(PA5W)[4D56T]	12.94- 12.95	112065	14	65	06.96-	111912	12	2.2
		01.96-	111594	14	75				
		01.96-	112128	14	75				
		A13 01.96-	112355	14	80				
L 400 2.5 TD 2500 4WD	(PA0V)[4D56T]	10.95-	112065	14	65	09.96-	111912	12	2.2
Lancer 1.2	(A171)[4G11]	01.80- 12.81	110140	14	50	AT 01.80- 12.81	110157	12	1.0
						01.80- 12.81	110158	12	1.2
	(A7_) [4G36]					AT 01.78- 09.79	110157	12	1.0
						01.78- 09.79	110158	12	1.2
	(C15AS)[4G16]	06.86- 10.86	110660	14	65	01.84- 10.86	110158	12	1.2
	(C65A)[4G16]	08.86- 04.88	110660	14	65	08.86- 04.88	110158	12	1.2
Lancer 1.3	(C6_A)[4G13]	04.88- 05.92	110659	14	75	04.88- 05.92	110315	12	0.9
		04.88- 05.92	112531	14	60				
	(C61A)[G13B]	08.88- 05.92	110659	14	75	08.88- 05.92	110315	12	0.9
		08.88- 05.92	112531	14	60				
	(CB1A)[4G13]	06.92-	112528	14	75	06.92-	110315	12	0.9
Lancer 1.3 12V	(C61A)[4G13]	01.91- 05.94	110659	14	75	01.91- 05.94	110315	12	0.9
		01.91- 05.94	112531	14	60				
Lancer 1.3 12V GL GLX	[4G13]	12.95- 05.01	112353#	14	80	12.95- 06.99	113040	12	0.9
Lancer 1.4	(A172)[4G12]	09.79- 02.83	110140	14	50	AT 09.79- 02.83	110157	12	1.0
						09.79- 02.83	110158	12	1.2
	(A7_) [4G33]					AT 01.78- 09.79	110157	12	1.0
						01.78- 09.79	110158	12	1.2
	(A7_K)[4G33]					AT 01.78- 09.79	110157	12	1.0
						01.78- 09.79	110158	12	1.2
Lancer 1.5	(C12AS)[4G15]					11.83- 04.88	110158	12	1.2
		06.86- 04.88	110660	14	65				
	[G15B]					06.85- 04.88	110158	12	1.2
		06.86- 04.88	110660	14	65				
	(C12V)[4G15]					09.88- 12.90	110315	12	0.9
						09.85- 12.87	110158	12	1.2
		06.86- 12.90	110660	14	65				
		09.88- 12.90	110659	14	75				
		09.88- 12.90	112531	14	60				
	[G15B]					09.85- 08.89	110158	12	1.2
		06.86- 08.89	110660	14	65				
	(C6_A,C7_A)[4G15]	06.88- 05.92	110659	14	75	06.88- 05.92	110158	12	1.2
		06.88- 05.92	112531	14	60	A13 06.88- 05.92	110315	12	0.9
	(C62A)[4G15]	04.88- 05.92	110659	14	75	AT 04.88- 05.92	110315	12	0.9
		04.88- 05.92	112531	14	60	AT 06.90- 05.92	110958	12	0.9
	[4A91]					06.08-	114108	12	0.9

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MITSUBISHI Continued

Lancer 1.5 12V	(C12V)[4G15]	09.90- 12.91	110659	14	75	09.90- 12.91	110315	12	0.9
		09.90- 12.91	110660	14	65				
		09.90- 12.91	112531	14	60				
		05.89- 05.92	110659	14	75				
Lancer 1.5 16V	(C62A)[4G15]	05.89- 05.92	112531	14	60	AT 05.89- 05.92	110315	12	0.9
		05.89- 05.92	112531	14	60	AT 12.95- 09.00	113040	12	0.9
Lancer 1.6	(A17A)[4G32GS]	03.79- 02.83	110140	14	50	03.79- 02.83	110158	12	1.2
						03.79- 02.83	110311#	12	1.2
		09.79- 02.83	110405#	14	65				
		01.79- 07.79	110140	14	50				
			110318	14	50	01.78- 09.79	110158	12	1.2
		06.92- 05.94	111375	14	75	06.92- 05.94	110315	12	0.9
		06.92- 05.94	111375	14	75	06.92- 05.94	111379	12	0.9
		06.92- 05.94	111375	14	75	06.92- 05.94	111379	12	0.9
Lancer 1.6 16V	(CJ4A)	12.95-	112328	14	85	12.95-	111971	12	1.2
		12.95-	112328	14	85	12.95-	113040	12	0.9
Lancer 1.6 16V 4WD	[4G92]	06.92-	111375	14	75	06.92-	111379	12	0.9
Lancer 1.6 16V 4WD GLXI	[4G92]	12.92-	111375	14	75	12.92-	111379	12	0.9
Lancer 1.6 16V GLXI	[4G92]	12.92-	111375	14	75	12.92-	111379	12	0.9
Lancer 1.8 4WD	(C37V)[4G37]					A13 01.87- 05.92	110315	12	0.9
		06.90- 05.92	110666	14	60	06.90- 05.92	110158	12	1.2
		09.89- 06.92	110666	14	60	09.89- 06.92	110315	12	0.9
		01.87- 08.89				01.87- 08.89	110315	12	0.9
Lancer 1.8 16V	(CB/D A)[4G93]					05.92- 11.95	111379	12	0.9
Lancer 1.8 GTI 16V	(C68A)[4G67]	11.89- 05.92	110802	14	75	11.89- 05.92	110811	12	1.2
		11.89- 05.92	110804	14	90				
		06.92- 07.95				06.92- 07.95	111379	12	0.9
		06.92- 07.95				06.92- 07.95	111379	12	0.9
Lancer 1.8 Diesel	(C14S)[4D65]					08.86- 06.92	111912	12	2.2
		04.88- 06.92	111243	14	65	04.88- 05.92	111461	12	2.2
		04.88- 05.92	111243	14	65	04.88- 05.92	111912	12	2.2
		04.88- 05.92	111243	14	65	04.88- 05.92	111912	12	2.2
Lancer 2.0	(CS A)[4G63]					12.03- 01.06	113818	12	1.3
						09.03- 12.07	113818	12	1.3
Lancer 2.0 16V Turbo Evolution IX	(CS W)[4G63]					01.06- 01.06	113818	12	1.3
						01.03- 08.03	113818	12	1.3
Lancer 2.0 16V	(CP9A)[4G63]					03.04- 01.06	113818	12	1.3
Lancer 2.0 16V EVO VIII	(CS A)					03.81- 02.83	110311#	12	1.2
Lancer 2.0 Turbo	(A176)[4G32T]	03.81- 02.83	110140	14	50	03.81- 02.83	110311#	12	1.2
Lancer 2.0 Diesel	(C6 A, C7 A)[4D68]					01.93- 07.93	113818	12	1.3
		06.92-	111587	14	75	06.92-	110809	12	2.0
		06.92-	111952#	14	90				
		12.92-	111952#	14	90	12.92-	110809	12	2.0
Lancer 2.0 Diesel GLX	(CB, W, CD, W)[4D68]	12.92-	112331#	14	75				
		12.92-	112331#	14	75				
		03.83- 01.84	110140	14	50	03.83- 01.84	110158	12	1.2
Lancer F 1.2	(A171)[4G11]	03.83- 01.84	110140	14	50	AT 03.83- 01.84	110157	12	1.0
						03.83- 01.84	110158	12	1.2
						AT 03.83- 01.84	110157	12	1.0
Lancer F 1.4	(A172)[4G12]	03.83- 01.84	110140	14	50	AT 03.83- 01.84	110157	12	1.0
						03.83- 01.84	110158	12	1.2
						AT 03.83- 01.84	110157	12	1.0
Lancer F 1.4 Turbo	(A17_) [4G12T]	03.83- 01.84	110140	14	50	AT 03.83- 01.84	110157	12	1.0
Outlander 2.2 Di-D	(CW7W)					08.07-	114460	12	1.4
						11.01-	111971	12	1.2
Pajero 1.8 Pinin	[4G93]	09.01-	112328	14	85				
		11.01-	112327	14	100				
		06.98-	112327	14	100	06.98-	111971	12	1.2
Pajero 1.8 GDI	(V2_W, V4_W)[4G93]	06.98-	112327	14	100				
		06.98- 04.00	112328	14	85				
Pajero 1.8 GDI Pinin	(H6_W, H7_W)[4G93]	06.00-	112328	14	85	10.99-	111971	12	1.2
		08.99- 06.00	112327	14	100				
Pajero 2.0 GDI Pinin	(H67W/H77W)[4G94]	10.00-	112327	14	100	10.00-	111971	12	1.2
Pajero 2.3 TD	(L043G)[4D55T]	12.82- 04.86	110672	14	55	A13 12.82- 04.86	111461	12	2.2
		12.82- 04.86	110805	14	50	12.82- 04.86	110809	12	2.0
		12.82- 04.86	110805	14	50	12.82- 04.86	111912	12	2.2
		12.82- 04.86	110805	14	50	12.82- 04.86	110809	12	2.0
Pajero 2.4	(V2_W, V4_W)[4G64]					04.91-	110315	12	0.9
		04.91-	111372	14	65				
Pajero 2.5 TD	(L044G)[4D56T]	05.86- 12.90	110806	14	65	11.89- 12.91	111476	12	2.0
		05.86- 12.90	111240	14	50	AT 01.90- 12.91	111461	12	2.2
		05.86- 12.91	111339	14	65	05.86- 10.89	110809	12	2.0
		05.86- 12.91	111339	14	65	A13 11.89- 12.91	111565	12	2.2
		05.86- 11.90				05.86- 11.90	111912	12	2.2
		05.86- 06.91	110806	14	65	05.86- 06.91	110809	12	2.0
		05.86- 06.91	111240	14	50	05.86- 06.91	110809	12	2.0
		05.86- 12.91	111339	14	65				
		12.90- 10.93	111238	14	75	A13 12.90-	111565	12	2.2
		12.90- 10.93	111339	14	65	AT 12.90- 04.00	111461	12	2.2
		12.90- 10.93	112129	14	90	12.90-	111476	12	2.0
		11.93-	111594	14	75	12.90-	110809	12	2.0
		11.93-	112128	14	75				
		11.93-	112205	14	90				
Pajero 2.5 TD Classic	(V2_W)[4D56]	07.02-	114187	14	105	07.02-	113326	12	2.2
Pajero 2.5 TD Sport	(K9_) [4D56T]	AC 07.02-	112355	14	80				
		08.98- 08.99	112128	14	75	08.98-	113445	12	2.2
		08.99-	112355	14	80	07.02-	113326	12	2.2
		AC 07.02-	112355	14	80				
Pajero 2.5 TDi	(V60)	09.01-	112355	14	80				
		04.00- 06.00	111594	14	75				
		04.00-	112128	14	75				
		09.01-	114187	14	105				
Pajero 2.6	(L042G)[4G54]	01.83- 06.86	110318	14	50	05.86- 11.90	110811	12	1.2
						01.83- 10.88	110311#	12	1.2
						01.83- 11.90	110315	12	0.9
		12.82- 06.91	110318	14	50	A13 12.82- 06.91	110811	12	1.2
						12.82- 06.91	110315	12	0.9
		06.94-	111956	14	75	06.94- 04.00	113193	12	2.2
Pajero 2.8 TD	(V46W)[4M40]	06.94-	111956	14	75	06.94- 04.00	113193	12	2.2
Pajero 3.0 24V	(V2_W, V4_W)[6G72]	06.96-	111626	14	90	06.94-	112370	12	2.2
		06.94-	111806	14	90	06.94-	111241	12	1.2
Pajero 3.0 V6 24V	(V2_W, V4_W)[6G72]	06.97- 04.00	111806	14	90	06.97- 04.00	111241	12	1.2
Pajero 3.0 V6	(C23C, W, 43W)[6G72]	12.90- 05.94	110956#	14	75	12.90-	111241	12	1.2
		12.90- 05.94	111314	14	90				
		11.88- 11.90	110956#	14	75	11.88- 11.90	111241	12	1.2
		11.88- 06.91	110956#	14	75	11.88- 06.91	111241	12	1.2
Pajero 3.0 V6 Sport	(K9_) [6G72]	08.98-	111806	14	90	08.98-	111241	12	1.2
		03.03-	111806	14	90	03.03-	111241	12	1.2
Pajero 3.2 DI-D	(V60)[4M41]	04.00- 10.01	113321	14	125	02.00- 10.01	112370	12	2.2
		AC 10.01-	113321	14	125	04.00- 10.01	113193	12	2.2
Pajero 3.2 DI-D 4WD	(V2_W)[4M41]	05.05-	113321	14	125	05.05-	113193	12	2.2
						05.05-	112370	12	2.2
Pajero 3.5 GDI	(V60)[6G74]					AT 04.00-	111242#	12	1.2
						04.00-	111241	12	1.2
Pajero 3.5 V6 24V	(V2_W, V4_W)[6G74]	06.97-	112362	14	100	07.97-	111241	12	1.2
		07.97-	111806	14	90				
		11.93-	111806	14	90	11.93-	111241	12	1.2
		06.94-	112362	14	100				
Santamo 2.0 16V						05.99-	110315	12	0.9
Santamo 2.0 16V 4WD						05.99-	110315	12	0.9
Sapporo 1.6	(A121)[4G32]					04.78- 07.80	110158	12	1.2



Sapporo 2.0	(A123)[4G52]	04.78- 07.80	110318	14	50		04.78- 07.80	110158	12	1.2
	(A161A)[4G63]	08.80- 09.84	110318	14	50		08.80- 09.84	110158	12	1.2
Sapporo 2.0 Turbo	(A164)[4G63T]	08.82- 08.83	110405#	14	65		08.82- 08.83	110158	12	1.2
	(E16A)[4G64]	06.87- 08.90	110659	14	75		06.87- 08.90	110811	12	1.2
Sapporo 2.4		08.80- 09.84	110405#	14	65					
		06.87- 08.90	112531	14	60					
Shogun 2.5 TD	(P25W)[4D56]	06.86- 11.88	110806	14	65		01.88- 01.91	110809	12	2.0
		11.88- 12.96	111339	14	65		01.88-	111461	12	2.2
Sigma 3.0 i 24V	(F16A)[6G72]	12.90- 07.96	110803#	14	90		AT 12.90- 07.96	111242#	12	1.2
		12.90- 07.96	111406	14	110		12.90- 07.96	111241	12	1.2
Sigma 3.0 i V6	(F16A)[6G72]	12.90-	111406	14	110		12.90- 07.96	111241	12	1.2
		07.96	110803#	14	90		AT 12.90- 07.96	111242#	12	1.2
Sigma 3.0 V6	(F07W)[6G72]	01.93- 07.96	110803#	14	90		01.93- 07.96	111241	12	1.2
							AT 01.93- 07.96	111242#	12	1.2
Space Gear 2.0 16V	(PA3V/W, PB3V)[4G63]	08.96- 05.00	111376	14	75		06.92- 11.00	111305	12	1.2
		08.96- 05.00	114432	14	100		06.94- 04.00	110315	12	0.9
Space Gear 2.0 16V L400	(PA3V/W)[4G63]	12.94-	111376	14	75		AT 12.94- 08.96	110811	12	1.2
		05.95- 05.00	114461	14	90		12.94- 08.96	110315	12	0.9
Space Gear 2.4 i	(PA4W)[4G64]	05.95- 05.00	114432	14	100		12.94- 08.96	110811	12	1.2
Space Gear 2.4 i 4WD	(PA4W)[4G64]	05.95- 05.00	114432	14	100		12.94- 08.96	110811	12	1.2
Space Gear 2.5 TD	(PA0)[4D56T]						05.95- 05.00	111912	12	2.2
Space Gear 2.5 TD 4WD	(PASW)[4D56TD]						05.95- 05.00	111912	12	2.2
Space Gear 2.5 TD 4WD	(PASW)[4D56TD]						05.95- 05.00	111912	12	2.2
Space Runner 1.8	(N11W)[4G93]	06.93-	111375	14	75		06.92-	111379	12	0.9
		07.93- 05.99	111375	14	75		AT 06.91- 05.99	110958	12	0.9
Space Runner 1.8 4WD	(N21W)[4G93]	06.93-	111375	14	75		06.91- 05.99	110158	12	1.2
							A32 06.91- 05.99	111380	12	1.2
Space Runner 2.0	(N50)[4G63]	07.93- 05.99	111375	14	75		06.92-	111379	12	0.9
		05.99- 08.02	112327	14	100		06.91- 05.92	110158	12	1.2
Space Runner 2.0 16V	[4G63]	05.99- 08.02	112327	14	100		06.92- 05.99	111379	12	0.9
							05.99- 08.02	113325	12	0.9
Space Runner 2.0 TD GLX	[4D68T]	10.92-	111587	14	75		06.97- 08.99	113638	12	1.4
		10.92-	112081#	14	65		05.99- 08.02	113325	12	0.9
Space Runner 2.4 GDi	(N64W)[4G64]	05.99- 08.02	112327	14	100		06.97- 08.99	113638	12	1.4
Space Star 1.3 16V	(DGO)[4G13]	09.00-	112418	14	90		05.99- 08.02	113325	12	0.9
		12.98-	112418	14	90		06.97- 08.99	113658	12	0.9
Space Star 1.6 16V	(DGO)[4G13]	AC 12.98-	112418	14	90		06.98-	111508	12	1.2
		06.98-	112418	14	90		06.98-	111508	12	1.2
Space Star 1.6 16V	(DGO)[4G18]	09.01-	112418	14	90		09.01-	111508	12	1.2
Space Star 1.8 GDi	(DGO)[4G93]	06.98-	112327	14	100		10.02-	111508	12	1.2
		06.98-	112328	14	85					
Space Star 1.8 GDi	(DGO)	06.98-	112328	14	85		06.98-	111971	12	1.2
		06.98-	112327	14	100					
Space Wagon 1.8	(N31W)[4G93]						AT 05.91-	111380	12	1.2
							05.91-	110158	12	0.9
Space Wagon 1.8 4WD	(N41W)[4G93]						05.91-	110315	12	0.9
							08.91-	111305	12	1.2
Space Wagon 1.8 GLX	[4G37]	07.87- 05.91	110666	14	60		AT 05.91-	111380	12	0.9
		07.87- 05.91	112531	14	60		05.91-	110158	12	1.2
Space Wagon 1.8 TD	(D09W)[4D65T]	07.87- 04.91	110687#	14	65		08.91-	111305	12	1.2
		05.91- 05.92	111243	14	65		05.91-	110158	12	1.2
Space Wagon 2.0	(D04W)[4G63]	06.88- 04.91	112531	14	60		05.91- 05.92	110809	12	2.0
							10.91- 10.98	111912	12	2.2
Space Wagon 2.0 4WD	[G63B]	06.88- 04.91	112531	14	60		06.88- 04.91	110315	12	0.9
							06.88- 04.91	110311#	12	1.2
Space Wagon 2.0 4WD	(N33W)[4G63]	06.92-	111376	14	75		06.88- 04.91	110811	12	1.2
		06.92-	113034#	14	90		06.86- 05.88	110311#	12	1.2
Space Wagon 2.0 TD	(D08W)[4G63]	05.88-	110659	14	75		06.86- 05.88	110315	12	0.9
		06.88- 04.91	112531	14	60		06.87- 05.88	110811	12	1.2
Space Wagon 2.0 TD	(N38W)[4D68T]	06.92-	112081#	14	65		06.86- 05.88	110311#	12	1.2
		06.93-	111587	14	75		06.86- 05.88	110315	12	0.9
Space Wagon 2.4 GDi	(N84W)[4G64]	06.97- 11.00	111952#	14	90		06.87- 05.88	110811	12	1.2
		10.98-	112327	14	100		06.92-	110809	12	2.0
Space Wagon 2.4 GDi 4WD	(N94W)[4G64]	10.98-	112327	14	100		10.98-	113638	12	1.4
							10.98-	113658	12	1.4
Space Wagon 2.4 i	(N3_W, N4_W)						10.98-	113638	12	1.4
Space Wagon 2.4 GDi	(N84W)[4G64]	07.98-	112327	14	100		10.98-	113658	12	1.4
Space Wagon 2.4 GDi 4WD	(N94W)[4G64]	07.98-	112327	14	100		10.98-	113658	12	1.4
Starion 2.0 Turbo	(A183A)[4G63T/C]	05.85- 05.86	110405#	14	65		09.00-	113658	12	1.4
		06.86- 05.88	111372	14	65		09.00-	113658	12	1.4
Starion 2.6 Turbo	(A183E)[4G63T]	06.82- 12.85	110405#	14	65		AT 05.85- 05.88	110311#	12	1.2
							05.85- 05.88	110158	12	1.2
Starion 2.6 Turbo	(A187)[G548T/C]						06.82- 12.85	110311#	12	1.2
							AT 06.82- 12.85	110311#	12	1.2
Tredia 1.4	(A211)[4G12]	03.82- 08.84	110140	14	50		06.86- 12.89	110311#	12	1.2
Tredia 1.6	(A212)[4G32]						12.89- 06.90	110811	12	1.2
Tredia 1.6 Turbo	(A212)[4G32T]						10.82- 08.85	110315	12	0.9
Tredia 1.8	(A215)[4G37]						09.82- 11.87	110479	12	0.9
Tredia 1.8 Turbo	(A21_) [G62B]						09.82- 05.85	110479	12	0.9
Tredia 1.8 Turbo	(A21_) [G62B]						08.84- 11.87	110315	12	0.9
							A13 09.84- 09.85	110315	12	0.9
						09.84- 09.85	110158	12	1.2	



Application list

MITSUBISHI Continued

PASSENGER CARS US

3000 GT 3.0	[6G72]	01.93- 01.99	111406	14	110	01.93- 01.95	111241	12	1.2
		01.97- 01.99	113566#	14	90	01.93- 01.95	111242#	12	1.2
						01.94- 01.99	113229#	12	1.2
						01.96- 01.99	113234#	12	1.2
		01.91- 01.92	111406	14	110	01.91- 01.92	111241	12	1.2
						01.91- 01.92	111242#	12	1.2
3000 GT 3.0 SL	[6G72]	01.93- 01.99	111406	14	110	01.93- 01.95	111241	12	1.2
		01.97- 01.99	113566#	14	90	01.93- 01.95	111242#	12	1.2
						01.94- 01.99	113229#	12	1.2
						01.96- 01.99	113234#	12	1.2
		01.91- 01.92	111406	14	110	01.91- 01.92	111241	12	1.2
						01.91- 01.92	111242#	12	1.2
3000 GT 3.0 Spyder SL	[6G72]	01.95- 01.95	111406	14	110	01.95- 01.95	111241	12	1.2
						01.95- 01.95	111242#	12	1.2
						01.95- 01.96	113229#	12	1.2
						01.96- 01.96	113234#	12	1.2
3000 GT 3.0 Turbo Spyder VR-4	[6G72]	01.95- 01.95	111406	14	110	01.96- 01.96	113234#	12	1.2
						01.95- 01.96	111241	12	1.2
						01.95- 01.95	111242#	12	1.2
						01.95- 01.95	113229#	12	1.2
						01.96- 01.96	113234#	12	1.2
						01.95- 01.99	113234#	12	1.2
3000 GT 3.0 Turbo VR4	[6G72-T]	01.99- 01.99	111406	14	110	01.99- 01.99	111241	12	1.2
	[6G72T]	01.99- 01.99	113566#	14	90	01.99- 01.99	113234#	12	1.2
3000 GT 3.0 Turbo VR-4	[6G72]	01.93- 01.98	111406	14	110	01.93- 01.98	111241	12	1.2
		01.97- 01.98	113566#	14	90	01.93- 01.95	111242#	12	1.2
						01.94- 01.95	113229#	12	1.2
						01.96- 01.98	113234#	12	1.2
		01.91- 01.92	111406	14	110	01.93- 01.99	113234#	12	1.2
						01.91- 01.92	111241	12	1.2
						01.91- 01.92	111242#	12	1.2
Cordia 1.8		01.83- 01.83	110405#	14	65	01.83- 01.83	110158	12	1.2
Cordia 1.8 Turbo		01.86- 01.88	110660	14	65	01.86- 01.88	110158	12	1.2
Cordia 1.8 Turbo L		01.85- 01.85	110660	14	65	01.85- 01.85	110158	12	1.2
Cordia 1.8 Turbo LS		01.84- 01.84	110660	14	65	01.84- 01.84	110158	12	1.2
		01.84- 01.84	110405#	14	65				
Cordia 2.0		01.84- 01.88	110660	14	65	01.84- 01.88	110158	12	1.2
		01.84- 01.84	110405#	14	65	01.84- 01.88	110311#	12	1.2
						01.86- 01.88	110811	12	1.2
Cordia 2.0 L		01.84- 01.85	110405#	14	65	01.84- 01.85	110158	12	1.2
		01.84- 01.85	110660	14	65	01.84- 01.85	110311#	12	1.2
Cordia 2.0 LS		01.84- 01.84	110660	14	65	01.84- 01.84	110158	12	1.2
		01.84- 01.84	110405#	14	65	01.84- 01.84	110311#	12	1.2
Diamante 3.0	[6G72]					01.94-	113234#	12	1.2
						01.92- 01.92	111242#	12	1.2
		01.92- 01.92	110803#	14	90				
Diamante 3.0 ES	[6G72]	01.93- 01.96	110803#	14	90	01.93- 01.96	111242#	12	1.2
						01.94- 01.96	113234#	12	1.2
		01.93- 01.93	110803#	14	90	01.94-	113234#	12	1.2
						01.93- 01.93	111242#	12	1.2
Diamante 3.0 LS	[6G72]	01.93- 01.95	110803#	14	90	01.92- 01.95	113234#	12	1.2
						01.93- 01.95	111242#	12	1.2
		01.92- 01.92	110803#	14	90	01.92- 01.92	111242#	12	1.2
Eclipse 1.8		01.90- 01.94	110666	14	60	01.93- 01.94	110958	12	0.9
Eclipse 1.8 GS		01.90- 01.94	110666	14	60	01.90- 01.94	110158	12	1.2
						01.93- 01.94	110958	12	0.9
						01.90- 01.94	110158	12	1.2
Eclipse 2.0	[420A]	01.96- 01.97	111530	14	90	01.96- 01.97	112816#	12	1.1
Eclipse 2.0 GS	[420A]	01.96- 01.98	111530	14	90	01.96- 01.98	112816#	12	1.1
		01.90- 01.94	110802	14	75	01.90- 01.94	110811	12	1.2
		01.95- 01.95	111530	14	90	01.95- 01.95	112816#	12	1.1
Eclipse 2.0 RS	[420A]	01.96- 01.98	111530	14	90	01.96- 01.98	112816#	12	1.1
		01.95- 01.95	111530	14	90	01.95- 01.95	112816#	12	1.1
Eclipse 2.0 Turbo	[4G63T]	01.99- 01.99	113507#	14	75				
Eclipse 2.0 Turbo GS		01.90- 01.94	110802	14	75	01.90- 01.94	110811	12	1.2
Eclipse 2.0 Turbo GST	[4G63]	01.96- 01.98	113507#	14	75	01.96- 01.97	110811	12	1.2
		01.95- 01.95	113507#	14	75	01.95- 01.95	110811	12	1.2
Eclipse 2.0 Turbo GSX	[4G63]	01.96- 01.98	113507#	14	75	01.96- 01.97	110811	12	1.2
		01.90- 01.94	110802	14	75	01.90- 01.95	110811	12	1.2
		01.95- 01.95	113507#	14	75				
Eclipse 2.0 Turbo SPYDER	[4G63T]	01.99- 01.99	113507#	14	75				
Eclipse 2.0 Turbo Spyder GST	[4G63]	01.96- 01.98	113507#	14	75	01.96- 01.97	110811	12	1.2
Eclipse 2.4	[4G64]					01.00- 01.03	113638	12	1.4
Eclipse 2.4 SPYDER	[4G64]	01.99- 01.99	113507#	14	75	01.01- 01.03	113638	12	1.4
						01.99- 01.99	110811	12	1.2
Eclipse 2.4 Spyder GS	[4G64]	01.96- 01.97	113462#	14	90	01.96- 01.98	110811	12	1.2
		01.96- 01.98	113507#	14	75				
Eclipse 3.0						01.00- 01.03	113046#	12	1.2
Eclipse 3.0 Spyder						01.01- 01.03	113046#	12	1.2
Expo 1.8 LRV	[4G93]								
		01.94- 01.94	111375	14	75	01.92- 01.94	111379		
Expo 1.8 LRV Sport						01.92- 01.92	111379		
Expo 2.4	[4G64]	01.93- 01.95	111376	14	75	01.93- 01.95	110811	12	1.2
		01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
		01.92- 01.92	111376	14	75	01.92- 01.92	110811	12	1.2
Expo 2.4 LRV		01.93- 01.94	111376	14	75				
Expo 2.4 LRV Sport		01.93- 01.94	111376	14	75				
Expo 2.4 SP	[4G64]	01.93- 01.93	111376	14	75				
		01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
		01.92- 01.92	111376	14	75	01.92- 01.92	110811	12	1.2
Galant 2.0		01.89- 01.92	110802	14	75	01.89- 01.92	110158	12	1.2
		01.91- 01.92	110804	14	90	01.89- 01.92	110811	12	1.2
Galant 2.0 ES		01.93- 01.93	110802	14	75	01.93- 01.93	110811	12	1.2
		01.93- 01.93	110804	14	90				
Galant 2.0 GS		01.91- 01.92	110804	14	90	01.89- 01.92	110811	12	1.2
		01.89- 01.92	110802	14	75	01.89- 01.92	110158	12	1.2
Galant 2.0 GSR		01.91- 01.92	110802	14	75	01.91- 01.92	110811	12	1.2
		01.91- 01.92	110804	14	90	01.91- 01.92	110158	12	1.2
Galant 2.0 GSX		01.91- 01.92	110804	14	90	01.90- 01.92	110158	12	1.2
		01.90- 01.92	110802	14	75	01.90- 01.92	110811	12	1.2
Galant 2.0 LS		01.89- 01.93	110802	14	75	01.89- 01.93	110811	12	1.2
		01.91- 01.93	110804	14	90	01.89- 01.92	110158	12	1.2
Galant 2.0 S		01.93- 01.93	110802	14	75	01.93- 01.93	110811	12	1.2
		01.93- 01.93	110804	14	90				
Galant 2.0 Turbo VR-4		01.91- 01.92	110804	14	90	01.91- 01.92	110811	12	1.2
Galant 2.4	[4G64]					01.99- 01.02	113638	12	1.4
		01.87- 01.87	112531	14	60	01.87- 01.87	110811	12	1.2
		01.85- 01.86	110660	14	65	01.85- 01.86	110311#	12	1.2
Galant 2.4 DE	[4G64]	01.97- 01.98	113462#	14	90	01.97- 01.98	110811	12	1.2
Galant 2.4 ES	[4G64]	01.94- 01.97	111376	14	75	01.94- 01.98	110811	12	1.2
		01.94- 01.97	113034#	14	90				
		01.98- 01.98	113462#	14	90				
Galant 2.4 GS		01.94- 01.94	111376	14	75	01.94- 01.94	110811	12	1.2
		01.94- 01.94	113034#	14	90				
Galant 2.4 LS	[4G64]	01.94- 01.97	111376	14	75	01.94- 01.98	110811	12	1.2
		01.94- 01.97	113034#	14	90				
		01.98- 01.98	113462#	14	90				



Lancer 2.0 Turbo Evolution	[4G63]					01.05- 01.06	113818	12	1.3
Lancer 2.0 Turbo Evolution MR	[4G63]	01.03- 01.03	112328	14	85	01.03- 01.06	113818	12	1.3
Lancer 2.0 Turbo Evolution RS	[4G63]					01.05- 01.06	113818	12	1.3
Lancer 2.4 Ralliart		01.04-	113782	14	110	01.05- 01.06	113818	12	1.3
Lancer 2.4 Sportback		01.04-	113782	14	110				
Mighty Max 2.0						01.83- 01.86	110158	12	1.2
		01.87-	111469#	14	45	01.83- 01.86	110311#	12	1.2
						01.84- 01.86	110315	12	0.9
Mighty Max 2.0 S						01.84- 01.84	110315	12	0.9
						01.83- 01.84	110158	12	1.2
						01.83- 01.84	110311#	12	1.2
Mighty Max 2.0 SWB		01.89-	111469#	14	45	01.89-	110811	12	1.2
						01.89-	110158	12	1.2
Mighty Max 2.3 Turbo SP						01.83- 01.85	111461	12	2.2
						01.83- 01.85	110811	12	1.2
						01.83- 01.83	110809	12	2.0
Mighty Max 2.3 Turbo SPX						01.84- 01.84	110811	12	1.2
						01.84- 01.84	111461	12	2.2
Mighty Max 2.4		01.90- 01.94	111469#	14	45	01.90- 01.94	110811	12	1.2
						01.90- 01.94	110158	12	1.2
Mighty Max 2.4 LWB		01.92- 01.93	111469#	14	45	01.92- 01.93	110158	12	1.2
						01.92- 01.93	110811	12	1.2
Mighty Max 2.4 SWB	[4G64]	01.95- 01.96	111469#	14	45	01.95- 01.96	110811	12	1.2
						01.95- 01.96	110158	12	1.2
		01.92- 01.92	111469#	14	45	01.92- 01.92	110158	12	1.2
						01.92- 01.92	110811	12	1.2
Mighty Max 2.6						01.88- 01.89	110811	12	1.2
Mighty Max 2.6 LWB		01.87- 01.89	113032#	14	50				
Mighty Max 2.6 SP		01.89-	113032#	14	50	01.89-	110811	12	1.2
						01.83- 01.86	110311#	12	1.2
Mighty Max 2.6 SPX		01.83- 01.83	110805	14	50	01.83- 01.86	110158	12	1.2
						01.83- 01.86	110158	12	1.2
		01.83- 01.83	110805	14	50	01.83- 01.86	110311#	12	1.2
		01.87- 01.89	113032#	14	50	01.87- 01.89	110811	12	1.2
Mighty Max 2.6 SWB		01.89-	113032#	14	50	01.89-	110811	12	1.2
Mighty Max 3.0		01.90-	110956#	14	75				
Mighty Max 3.0 SWB		01.92- 01.92	110956#	14	75	01.92- 01.92	111241	12	1.2
Mirage 1.5	[4G15]	01.91- 01.92	110659	14	75	01.00- 01.02	111971	12	1.2
		01.99- 01.01	112353#	14	80	01.99- 01.02	113038	12	0.7
						01.91- 01.92	110158	12	1.2
						01.91- 01.92	110958	12	0.9
						01.99- 01.99	113040	12	0.9
		01.89- 01.90	110659	14	75	01.85- 01.90	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Mirage 1.5 DE	[4G15]	01.97- 01.98	112353#	14	80	01.97- 01.98	113040	12	0.9
						01.97- 01.98	113038	12	0.7
Mirage 1.5 ES	[4G15]	01.93- 01.95	110659	14	75	01.93- 01.95	110158	12	1.2
Mirage 1.5 L						01.85- 01.88	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Mirage 1.5 LS	[4G15]	01.91- 01.93	110659	14	75	01.91- 01.93	110158	12	1.2
						01.91- 01.93	110958	12	0.9
		01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Mirage 1.5 RS		01.90- 01.90	110659	14	75	01.90- 01.90	110158	12	1.2
Mirage 1.5 S	[4G15]	01.93- 01.96	110659	14	75	01.93- 01.96	110158	12	1.2
Mirage 1.5 VL	[4G15]	01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
						01.91- 01.92	110958	12	0.9
		01.90-	110659	14	75	01.90-	110158	12	1.2
Mirage 1.6 GS		01.91- 01.92	110802	14	75	01.91- 01.92	110811	12	1.2
Mirage 1.6 Turbo		01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
						01.88- 01.88	110158	12	1.2
Mirage 1.6 Turbo L						01.85- 01.85	110315	12	0.9
						01.85- 01.85	110158	12	1.2
Mirage 1.6 Turbo LS						01.86- 01.87	110158	12	1.2
Mirage 1.8	[4G93]	01.99- 01.02	112328	14	85	01.99- 01.02	111971	12	1.2
						01.99- 01.99	113040	12	0.9
Mirage 1.8 ES	[4G93]	01.93- 01.95	111375	14	75	01.93- 01.95	111379		
Mirage 1.8 LS	[4G93]	01.93- 01.96	111375	14	75	01.97- 01.98	113040	12	0.9
		01.98- 01.98	112328	14	85	01.98- 01.98	111971	12	1.2
						01.97- 01.97	110811	12	1.2
Montero 2.4 Sport ES	[4G64]					01.83- 01.86	110158	12	1.2
Montero 2.6		01.87- 01.89	113032#	14	50	01.84- 01.86	110311#	12	1.2
						01.87- 01.89	110811	12	1.2
Montero 2.6 Sport		01.87- 01.88	113032#	14	50	01.87- 01.88	110811	12	1.2
Montero 3.0		01.89- 01.94	110956#	14	75	01.89- 01.94	111241	12	1.2
Montero 3.0 LS		01.89- 01.96	110956#	14	75	01.89- 01.96	111241	12	1.2
Montero 3.0 LS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.0 RS		01.91- 01.93	110956#	14	75	01.91- 01.93	111241	12	1.2
Montero 3.0 Sport	[6G72]	01.99- 01.03	111806	14	90	01.99- 01.99	111241	12	1.2
		01.89- 01.90	110956#	14	75	01.89- 01.90	111241	12	1.2
Montero 3.0 Sport LS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 Sport XLS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 SR		01.92- 01.94	110956#	14	75	01.92- 01.94	111241	12	1.2
Montero 3.0 XLS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.5	[6G74]	01.98- 01.02	112362	14	100	01.00- 01.02	111241	12	1.2
Montero 3.5 LS	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.5 Sport	[6G74]	01.99- 01.03	111806	14	90				
		01.99- 01.99	112362	14	100				
Montero 3.5 SR	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
		01.94- 01.96	111806	14	90	01.94- 01.96	111241	12	1.2
						01.87- 01.93	110158	12	1.2
Precis 1.5		01.90- 01.93	110659	14	75				
Precis 1.5 LS						01.87- 01.89	110158	12	1.2
Precis 1.5 RS						01.88- 01.91	110158	12	1.2
		01.90- 01.91	110659	14	75				
Sigma 3.0		01.88- 01.90	110803#	14	90	01.88- 01.90	111241	12	1.2
Starion 2.6 Turbo		01.83- 01.88	110318	14	50	01.83- 01.83	110158	12	1.2
						01.86- 01.88	110311#	12	1.2
Starion 2.6 Turbo ES		01.84- 01.85	110318	14	50	01.84- 01.84	110158	12	1.2
						01.84- 01.85	110311#	12	1.2
Starion 2.6 Turbo LE		01.84- 01.85	110318	14	50	01.84- 01.85	110311#	12	1.2
						01.84- 01.84	110158	12	1.2
Starion 2.6 Turbo LS		01.84- 01.84	110318	14	50	01.84- 01.84	110311#	12	1.2
						01.84- 01.84	110158	12	1.2
Treda 1.8		01.83- 01.83	110405#	14	65	01.83- 01.83	110158	12	1.2
Treda 1.8 Turbo		01.85- 01.88	110660	14	65	01.86- 01.88	110158	12	1.2
Treda 1.8 Turbo LS		01.84- 01.84	110660	14	65	01.84- 01.84	110158	12	1.2
		01.84- 01.84	110405#	14	65				
Treda 2.0		01.84- 01.84	110405#	14	65	01.84- 01.88	110311#	12	1.2
		01.84- 01.88	110660	14	65	01.86- 01.88	110811	12	1.2
						01.84- 01.88	110158	12	1.2
Treda 2.0 L		01.84- 01.85	110660	14	65	01.84- 01.85	110158	12	1.2
		01.84- 01.85	110405#	14	65	01.84- 01.85	110311#	12	1.2
Treda 2.0 LS		01.84- 01.84	110660	14	65	01.84- 01.84	110311#	12	1.2
						01.84- 01.84	110158	12	1.2
Van 2.4						01.87- 01.90	110811	12	1.2
<b>PASSENGER CARS AO</b>									
Canter 2.4	(FB6_ FE5_ FE6_)[4G64]	08.01-	113506	28	40				
Canter 2.5 Diesel DT	(FB4_ FE4_)	09.92- 09.96	110805	14	50				
		01.93- 09.96	113506	28	40				
Canter 2.8 Diesel	(FB6_ FE5_ FE6_)	10.96- 07.01	113506	28	40				
Canter 3.0 DiTD	(FB6_ FE5_ FE6_)					04.06-	112441	12	2.3
Canter 3.6 TD	(FB6_ FE5_ FE6_)	08.01-	113506	28	40				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**MITSUBISHI** *Continued*

Canter 3.6 TDi	(FB4 , FE4 )	09.93- 09.96	113506	28	40				
Canter 3.9 TDi	(FB4 , FE4 )	09.93- 09.96	113506	28	40				
	(FB6 , FE5 , FE6 )	10.96- 07.01	113506	28	40				
Canter 4.2 TD	(FB6 , FE5 , FE6 )	10.96- 08.04	113506	28	40				
Colt 1.3	(CJ A)[4G19]	08.02- 07.05	112353#	14	80				
Colt 1.6 4WD	(CA_A)[4G92]							12.91- 05.92	110158 12 1.2
								06.92- 11.95	111379
Delica 2.5 Diesel		01.88-	114018	14	65				
Diamante 3.0	[6G72]							01.94- 09.02	113234# 12 1.2
								10.95- 08.04	113234# 12 1.2
Diamante 3.0 4WD								10.01- 08.04	113234# 12 1.2
Eclipse 1.8	(D2 A)[4G37]							12.89- 03.94	111305 12 1.2
Eclipse 2.0 Turbo	(D3 )					4G63 Kat.	08.90- 03.93	111305	12 1.2
Grandis 2.4 GDI GLX	(N94W)[4G64]							11.97- 07.00	113638 12 1.4
								11.97- 07.00	113658
Grandis 2.4 GDI GLX	[4G64]							08.00- 05.03	113638 12 1.4
								08.00- 05.03	113658
L 300 2.0	(P0 W, P1 W)	06.94- 08.95	114432	14	100				
L 300 2.5 Diesel	(P0 W, P1 W, P2 W)	09.91- 09.03	112331#	14	75				
L 400 2.0	(PA0V)	09.95- 10.02	114432	14	100				
L 400 2.4	(PA0V)	06.96- 10.02	114432	14	100				
	(PA0V)	06.96- 10.02	114432	14	100				
Lancer 1.3	(C6A, C7A)[G13B]							06.86- 04.88	110158 12 1.2
Lancer 1.6	(C6 A, C7 A)[4G61]							09.90- 09.92	110315 12 0.9
Lancer 1.6 GTI	(C6 A)[4G61]	05.88- 05.90	110802	14	75				
	(C6 A, C7 A)[4G61]	05.88- 05.90	110802	14	75				
Lancer 1.8 SEI Limited	(CK/P A)[4G93]	09.03-	114357	14	90				
Lancer 1.8 i	(CK/P A)[4G93]	03.95- 07.96	114357	14	90				
Lancer 2.0	(CS A)							09.03- 01.06	113818 12 1.3
Lancer 2.0 GDI LS	(CS A)[4G94]							09.03- 01.06	113818 12 1.3
Lancer 2.0 Diesel	(CK/P A)[4D68]							01.95- 09.95	113818 12 1.3
Mirage 1.6 2R								01.97- 08.99	113505# 12 1.0
Palero 2.0 4WD	(L04 G, L14 G)[G63B]							12.82-	110158 12 1.2
Palero 2.0 Turbo 4WD	(L04 G, L14 G)							11.88-	110811 12 1.2
<b>TRUCKS EU</b>									
Canter 211	(FE)[4D30A]	11.83-	111344	28	25		Only Canter FE211	01.50- 01.83	113194 24 3.2
		01.93-	113506	28	40			11.83-	110576 24 3.2
Canter 35 2.5 Diesel	[4D56]	01.90- 09.96	110805	14	50			01.86- 09.96	111565 12 2.2
		01.93- 09.96	113506	28	40				
Canter 35 2.8 Diesel	[4M40-2AT]	07.98-	113506	28	40			07.98-	112370 12 2.2
		07.99- 10.00	111956	14	75			07.98-	113193 12 2.2
	[4M40-A]	08.96- 12.99	113506	28	40			01.96-	112370 12 2.2
		07.99- 10.00	111956	14	75			08.96- 12.99	113193 12 2.2
Canter 35 3.0 TD	[4M42-0AT]	09.01-	113506	28	40				
		11.02-	111956	14	75				
Canter 435	(FE)[4D32]								
Canter 444	(FE)[4D31]	01.93-	113506	28	40				
		11.83-	111344	28	25		01.87-	110576	24 3.2
		11.83-	112210	28	30				
		01.93-	113506	28	40				
Canter 55 3.0 Diesel	[4M42-0AT]	11.00-	111956	14	75			09.01-	112370 12 2.2
		09.01-	113506	28	40				
Canter 60 3.3 TD	[4D31T]	01.92-	112210	28	30			01.92- 01.96	113195 24 3.2
		01.93-	113506	28	40				
Canter 60 3.9	[4D34-2AT6]		113506	28	40				
Canter 60 3.9 TD	[4D34-2AT4]		113506	28	40			08.96-	113195 24 3.2
								01.95-	110576 24 3.2
Canter 75 3.9	[4D34-2AT6]		113506	28	40				
Canter 75 3.9 TD	[4D34-2AT4]		113506	28	40			10.97-	113195 24 3.2
Canter 75 4.9 TD	[6D31-1AT2]	01.93- 12.97	113506	28	40			01.94- 12.97	113560 24 5.0
FP413	[8DC8]	01.84-	113196	28	30				
FS415	[8DC9]	01.84-	113196	28	30				
FT413	[8DC8]	01.84-	113196	28	30				
FU413	[8DC8]	01.84-	113196	28	30				
FU415	[8DC9]	01.84-	113196	28	30				
Fuso 3.9	(FE7 , FE8 ) [4D34]							05.99-	114418 24 3.6
Fuso 4.2	(FE7 , FE8 ) [4D33]							05.99-	114418 24 3.6
Fuso 6.9	[6D15]							01.86- 01.91	113129 24 4.5
FV415	[8DC9]	01.84-	113196	28	30				
FV416	[8DC10]	01.84-	113196	28	30				
K252	[6DC2]	01.84-	113196	28	30				
	[8DC2]	01.84-	113196	28	30				
K305	[6DC2]	01.84-	113196	28	30				
K400	[8DC2]	01.84-	113196	28	30				
Various Models	(FE ) [4DR5]								114334 12 2.0
<b>TRUCKS AO</b>									
FB308									113141 12 0.8
Various Models	[4DR7]								113141 12 0.8
<b>AGRICULTURE</b>									
Various Models Tractors			111832	14	40				110210 24 6.6
<b>FORK LIFTS</b>									
FD10			113212	28	20				
FD15			113212	28	20				
FD20		01.83-	113212	28	20				112323 24 5.0
								01.83-	111913 24 3.2
								01.83- 01.91	111275 12 2.0
FD23								01.83- 01.91	111275 12 2.0
FD25		01.83- 01.91	113212	28	20				112323 24 5.0
								01.83- 01.91	111275 12 2.0
FD28								01.83- 01.91	111275 12 2.0
FD30		01.83-	113212	28	20			01.83- 01.91	111275 12 2.0
									112323 24 5.0
FD35			113212	28	20				112323 24 5.0
FD35D Mitsubishi	[S6E/S6S]								114169 24 5.0
FD35D2 Mitsubishi	[S6E/S6S]								114169 24 5.0
FD35D5 Mitsubishi	[S6E/S6S]								114169 24 5.0
FD38 Mitsubishi	[S6E/S6S]								114169 24 5.0
FD40D Mitsubishi	[S6E/S6S]								114169 24 5.0
FD45D Mitsubishi	[S6E/S6S]								114169 24 5.0
FD50C Mitsubishi	[S6E/S6S]								114169 24 5.0
FD50D Mitsubishi	[S6E/S6S]								114169 24 5.0
FDC20			113212	28	20				
FDC25			113212	28	20				
FG10								01.77- 01.79	110292 12 1.1
								01.90-	110572 12 1.2
FG18 1.4								01.90-	110572 12 1.2
FG20		01.80- 12.87	111495	14	40			01.80- 12.87	113668 12 1.2
		01.80- 12.87	111042	14	35				110157 12 1.0
		01.80- 12.87	110138	14	40				111272 12 2.2
		01.80- 12.87	110802	14	75				01.90- 01.93 111108 12 1.2
		01.80- 12.87	110448	28	20			01.80- 12.87	110292 12 1.1
								01.86- 12.87	110572 12 1.2
FG25		01.80- 12.87	110448	28	20			01.80- 12.87	110292 12 1.1
		01.80- 12.87	110318	14	50			01.80- 12.87	110182 12 0.9
		01.80- 12.87	110802	14	75			01.86- 12.87	110572 12 1.2
		01.80- 12.87	111042	14	35			01.80- 12.87	113668 12 1.2
		01.80- 12.87	111495	14	40				
FG30 2.4		01.80- 12.87	110318	14	50			01.80- 12.87	110292 12 1.1
		01.80- 12.87	110802	14	75			01.86- 12.87	110572 12 1.2
		01.80- 12.87	111042	14	35				111634# 12 1.2
		01.80- 12.87	110448	28	20				
		01.80- 12.87	111495	14	40				



Various Models		01.83-	110448	28	20			111272	12	2.2
		01.83-	113212	28	20			111108	12	1.2
								113195	24	3.2
							01.88- 01.01	112178	12	1.6
								112323	24	5.0
								113668	12	1.2
								112185	12	1.2
								110182	12	0.9
<b>MARINE</b>										
Various Models			114079	14	40			114393	24	7.5
			111832	14	40			110947	12	2.0
<b>MOTORS</b>										
Engine	[6D22.]						01.87-	112342	24	5.5
							01.87- 01.99	113746	24	5.5
Various Models		01.94-	112549#	14	80					
			111832	14	40					
Various Models								113141	12	0.8
<b>MISC.</b>										
Mini Loader								110947	12	2.0
<b>Mitsubishi Fuso</b>										
<b>TRUCKS EU</b>										
305								114343	24	6.0
310								114343	24	6.0
320								114343	24	6.0
355								114343	24	6.0
8DC9								114343	24	6.0
Canter FE 3.9 Diesel							01.99-	114418	24	3.6
Canter FG 3.9 Diesel							01.99- 01.04	114418	24	3.6
Canter FE 3.9 Diesel	[4D34-2AT]									
FE Series 3.3	[4D31-1AT]	01.95-	114424	14	80					
FE Series 3.9	[4D34-1AT]		114424	14	80					
FE Series 3.9 Diesel 238	[4D34-2.3AT]						01.99-	114418	24	3.6
FE Series 5.9	[6D34-0AT]	01.96-	114424	14	80					
FG Series 3.9 Diesel 238							01.99-	114418	24	3.6
ML218	[6D17]	01.93-	114425	28	50					
MK219	[6D17]	01.93-	114425	28	50					
MK23H	[6M61]	01.93-	114425	28	50					
MK25H	[6M61]	01.93-	114425	28	50					
MK619	[6D17]	01.93-	114425	28	50					
MM319	[6D17]	01.93-	114425	28	50					
MM33H	[6M61]	01.93-	114425	28	50					
V8								114343	24	6.0
<b>Morris</b>										
<b>PASSENGER CARS EU</b>										
Ital 1.3		07.80- 03.84	110178	14	36		07.80- 03.84	111103	12	0.8
Ital 1.7		07.80- 03.84	110178	14	36					
Ital 2.0		07.80- 03.84	111289	14	70					
Marina 1.3		04.70- 10.80	110178	14	36		04.70- 10.80	111103	12	0.8
Marina 1.3 1300		10.75- 10.80	110178	14	36		10.75- 10.80	111103	12	0.8
Marina 1.7		11.78- 06.80	110178	14	36					
Marina 1.8		04.71- 12.79	110178	14	36					
Marina 1.8 1800		03.75- 10.78	111185	14	43					
		04.71- 10.75	110178	14	36					
Marina 1.8 1800 GT		03.75- 10.78	111185	14	43					
Marina 1.8 TC		04.71- 12.75	110178	14	36					
<b>Mosa</b>										
<b>INDUSTRY</b>										
Various Models							07.92-	112172	12	1.6
							01.86-	112034	12	1.7
							04.92-	112497	12	1.4
<b>Moto Guzzi</b>										
<b>MOTORBIKES</b>										
Various Models								113974	12	1.1
<b>Multicar</b>										
<b>PASSENGER CARS EU</b>										
Various Models							M26, Iveco Engine	111693	12	2.5
<b>Mustang</b>										
<b>INDUSTRY</b>										
980								113924	12	1.4
930A								113924	12	1.4
<b>Navistar</b>										
<b>TRUCKS US</b>										
Various Models	[DT466]							114498	12	4.6
<b>Neoplan</b>										
<b>TRUCKS EU</b>										
N 117 12.0	[D2866LOH07]						09.90-	110550	24	4.0
N 2216 SHD 12.0	[D2866LOH34]	11.03-	111842	28	140		11.03-	110206	24	5.4
		11.03-	113289	28	90		11.03-	110210	24	6.6
N 2216 SHD 12.8	[D2876LOH03]	01.03-	111842	28	140		11.03-	110206	24	5.4
		11.03-	113289	28	90		11.03-	110210	24	6.6
N 2216 SHDL 12.0	[D2866LOH34]	11.03-	111842	28	140		11.03-	110206	24	5.4
		11.03-	113289	28	90		11.03-	110210	24	6.6
N 2216 SHDL 12.8	[D2876LOH03]	11.03-	111842	28	140		11.03-	110206	24	5.4
		11.03-	113289	28	90		11.03-	110210	24	6.6
<b>New Holland</b>										
<b>AGRICULTURE</b>										
840		02.01-	113898	14	185					
		02.01-	113176							
1320	[3-77]	01.87- 01.98	113562	14	40		01.87- 01.98	112177	12	1.7
1500	[Shibaura Diesel]	01.79- 01.82	113410#	14	35					
1520	[3-81]	01.87- 01.97	113562	14	40		01.87- 01.97	112177	12	1.7
1530	[3-81]	01.96- 01.98	113562	14	40		01.96- 01.98	112177	12	1.7
1620	[3-81]	01.91- 01.97	113562	14	40		01.76- 01.79	112177	12	1.7
1630	[3-81]	01.96- 01.98	113562	14	40		01.97- 01.99	112177	12	1.7
1700 2-78	[Shibaura Diesel]	01.79- 01.82	113410#	14	35					
1715	[3-81]	01.87- 01.97	113562	14	40		01.93- 01.97	112177	12	1.7
1720	[3-81]	01.87- 01.02	113562	14	40		01.87- 01.02	112177	12	1.7
1725	[3-81]	01.96- 01.98	113562	14	40		01.96- 01.98	112177	12	1.7
1900 3-87	[Shibaura Diesel]	01.79- 01.83	113410#	14	35					
1910 3-104	[Shibaura Diesel]	01.83- 01.86	113410#	14	35					
1920	[4-122]	01.87- 01.02	113562	14	40					
1925	[3-91]	01.96- 01.98	113562	14	40		01.96- 01.98	112177	12	1.7
2100	[Caterpillar 3406]						01.85-	110462	12	2.8
							01.85- 01.90	112089	12	
2110 4-138	[Shibaura Diesel]	01.83- 01.86	113410#	14	35			110462	12	2.8
2115	[Caterpillar 3406]						01.87-	110462	12	2.8
							01.87- 01.96	112089	12	
2120	[4-138]	01.87- 01.02	113562	14	40		01.87-	110462	12	2.8
3415	[4-135]	01.93- 01.02	113562	14	40		01.93-	110462	12	2.8
4635	[Ford]	09.95- 12.98	111739	14	55		09.95- 12.98	110462	12	2.8
		Ford 09.95- 12.98	111363	14	45					
4835	[Ford]						09.95- 12.98	110462	12	2.8
5635	[Ford]						09.95- 12.98	110462	12	2.8
5640 4.4		11.91- 01.98	112718	14	100		11.91- 01.98	110462	12	2.8
6635	[Ford]	09.95- 12.98	111355	14	65					
6640 5.0		11.91- 01.98	112718	14	100		11.91- 01.98	110462	12	2.8
7635	[Ford]	09.95- 12.98	111355	14	65		09.95- 12.98	110462	12	2.8
7740 5.0		11.91- 01.98	112718	14	100		11.91- 01.98	110462	12	2.8
7840 6.6		11.91- 12.98	112718	14	100		11.91- 12.98	110462	12	2.8
8080	[M10Y]						01.79- 01.85	110539	12	3.6
8160		09.95-	113529	14	120		09.95-	113968	12	3.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

NEW HOLLAND Continued

8240 7.5		11.91- 12.96	112718	14	100		11.91- 12.96	110462	12	2.8
8260		09.95-	113529	14	120		09.95-	113968	12	3.6
8340 7.5		11.91- 07.98	112718	14	100		11.91- 07.98	110462	12	2.8
8360		09.95-	113529	14	120		09.95-	113968	12	3.6
8430 5.9	[8065.25..]						04.94-	110522	12	3.0
8560		09.95-	113529	14	120		09.95-	113968	12	3.6
8630 8.1	[8365.25..]						04.94-	110522	12	3.0
8830 8.1	[8365.25..]						04.94-	110522	12	3.0
9030		01.90- 01.97	111713	14	105					
9282		01.96- 12.97	112996	14	115/130					
9482		01.96- 12.97	112996	14	115/130					
9682		01.96- 12.97	112996	14	115/130					
9882		01.96- 12.97	112996	14	115/130					
8000 Series	[Ford]	01.85-	113574	14	65					
		09.95- 12.01	112718	14	100					
		09.95-	113529	14	120					
M SERIES			110178	14	36		09.95-	112074	12	3.1
		09.95-	113529	14	120					
		09.95-	112718	14	100					
NH 95	[M8Y]						01.96-	112074	12	3.1
TC Various Models			113562	14	40			112177	12	1.7
TG210 8.3			112773	14	135					
			113999	14	150	IS				
TG230 8.3			112773	14	135					
			113999	14	150	IS				
TG255 8.3			112773	14	135					
			113999	14	150	IS				
TG285 8.3			113999	14	150	IS				
			112773	14	135					
TJ275 8.3			112773	14	135					
			113999	14	150	IS				
TJ325 8.9			112773	14	135					
			113999	14	150	IS				
TJ375 15.0			112773	14	135					
			113999	14	150	IS				
TJ425 15.0			112773	14	135					
			113999	14	150	IS				
TJ450 15.0			112773	14	135					
			113999	14	150	IS				
TJ500 15.0			112773	14	135					
			113999	14	150	IS				
TL Series		10.98-	114384	14	85		09.97-	113182	12	3.0
TM SERIES		11.99-	113529	14	120					
TS 115		07.03-	112718	14	100					
TV 140		01.98-	112718	14	100					
TX34								113125	12	
Various Models			113621	14	115			114021	12	3.0
			114450	14	120			114050	12	4.2
								114196	24	4.0
								114399	12	2.7
INDUSTRY										
CL45	[Kubota]	01.83- 01.86	113410#	14	35					
CL55	[Kubota]	01.83- 01.86	113410#	14	35					
E27B Excavator	[3TNV82A]						01.05-	114281	12	1.7
E30B Excavator							01.05-	114281	12	1.7
E35B Excavator	[3TNV88]						01.08-	114281	12	1.7
EC130	[4BT3.9]	01.00- 01.01	111647	28	60					
		01.00- 01.01	112160	28	75					
EC160	[4BT3.9]	01.00- 01.01	111647	28	60					
		01.00- 01.01	112160	28	75					
EC215	[6BTA5.9]	01.00-	111647	28	60					
		01.00-	112160	28	75					
G4010	[Kohler]							113854	12	
G4020	[Kohler]							113854	12	
LT40 1.5	[N843]		113562	14	40					
LT50 1.5	[N843]		113562	14	40					
LT60 2.0	[N844]		113562	14	40					
LT70 5.0	[N844]		113562	14	40					
L250	[Onan]						01.84- 01.99	113141	12	0.8
	[Onan B43G]						01.84- 01.99	113015	12	
L464	[Ford V5G]						01.94- 01.97	113696	12	2.0
L465	[Ford V5G]						01.94- 01.97	113696	12	2.0
L465	[Ford Engine]	01.94- 01.99	113562	14	40					
L565	[N844]	01.94- 01.99	113562	14	40					
L85 3.9	[Fiat]						09.84- 12.94	112268	12	2.8
LS140	[N843]		113562	14	40					
LS150	[N843]		113562	14	40					
LS160	[N844]		113562	14	40					
LS170	[N844]		113562	14	40					
LX465	[N843]	01.94- 01.99	113562	14	40					
LX485	[N843]	01.94- 01.99	113562	14	40					
LX565	[N844]	01.94- 01.99	113562	14	40		01.94- 01.97	113696	12	2.0
LX665	[N844]	01.94- 01.99	113562	14	40		01.94- 01.97	113696	12	2.0
Various Models							01.05-	114224	12	2.7
								114021	12	3.0
								114281	12	1.7
								114196	24	4.0
								114075	12	
Zero Turn Mower	[Kohler]							114075	12	
Nissan										
PASSENGER CARS EU										
100 NX 1.6	(B13)[GA16DE]	10.92-	110631	14	70		10.92-	111312	12	0.8
	[GA16DS]	10.90- 10.92	110631	14	70		AT 10.92-	111459	12	1.2
							10.90- 10.92	111312	12	0.8
							AT 10.90-	111459	12	1.2
100 NX 2.0 GTI	(B13)[SR20DE]	10.90- 10.95	111264	14	80		03.91- 10.94	111080#	12	1.4
							10.90- 10.95	111608	12	1.4
200SX 1.8 Turbo	(S13)[CA18DET]	07.88- 11.93	111434#	14	80		07.88- 11.93	111562	12	1.4
200SX 2.0 i Turbo 16V	(S14)[SR20DET]						04.94- 12.99	111549	12	1.4
280 ZX 2.8	(HGS130)[L28E]	10.78- 06.83	110458	14	60		10.78- 06.84	110308#	12	1.0
	(HGS133)[L28E]	02.80- 09.82	110458	14	60		02.80- 09.82	110308#	12	1.0
300 ZX 3.0	(Z31)[VG30E]	01.84- 12.87	112970	14	70		01.84- 12.87	111450	12	1.4
	(Z32)[VG30DETT]	05.90- 09.95	111966#	14	90		05.90- 09.95	111450	12	1.4
		01.94- 09.95	113421#	14	80					
300 ZX 3.0 Biturbo	(Z32)[VG30DETT]	05.90- 09.95	111966#	14	90		05.90- 09.95	111450	12	1.4
		01.94- 09.95	113421#	14	80					
300 ZX 3.0 Turbo	(Z31)[VG30ET]	05.87- 10.90	112970	14	70		05.87- 10.90	111450	12	1.4
Almera 1.4	(N15)[GA14DE]	07.95-	111704	14	70		01.99-	113139	12	1.2
							07.95-	111312	12	0.8
Almera 1.5	(N16)[OG15DE]	07.00-	113317	14	80		07.00- 03.03	113267	12	0.7
	[OG15DE]	03.00-	113317	14	80		03.00- 03.03	113267	12	0.7
Almera 1.5 DCi	(N16)[K9K]	01.03- 11.06	113940	14	110		01.03-	113927	12	1.1
	[K9K722]	01.03- 11.06	113940	14	110		01.03-	113927	12	1.1
Almera 1.6	(N15)[GA16DE]	07.95-	111704	14	70		01.99-	113139	12	1.2
							07.95-	111312	12	0.8
Almera 1.6 SLX	(N15)[GA16DE]	07.95-	111704	14	70		01.99-	113139	12	1.2
							07.95-	111312	12	0.8
Almera 1.8	(N16)[OG18DE]	03.01-	113317	14	80		01.00- 03.03	113267	12	0.7
	[OG18DE]	02.99-	113317	14	80		03.00- 03.03	113267	12	0.7
Almera 2.0 GTi	(N15)[SR20DE]	07.96-	111726	14	80					
		01.99- 03.00	113439	14	90					

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Almera 2.0 Diesel	(N15)[CD20]	07.95- 04.96 11.95- 07.00	111294 113788	14 70 14 80			A13 07.95- 07.95-	111506# 110575	12 2.2 12 2.0
Almera 2.2 DCI	(N16)[YD22DDT]	09.03-	113440	14 100			02.03- 02.03-	113323 113319	12 1.7 12 2.2
	(N16E)[YD22DDT]	09.03-	113440	14 100			02.03- 02.03-	113323 113319	12 1.7 12 2.2
Almera 2.2 Diesel DI	(N16)[YD22DDT]	07.00- 07.00-	113324 113440	14 90 14 100			07.00-	113319	12 2.2
	(N16E)[YD22DDT]	03.00-	113440	14 100			03.00-	113319	12 2.2
Almera Tino 1.8	(V10)[QG18DE]						05.00- 05.00- 03.04	111459 113267	12 1.2 12 0.7
Almera Tino 1.8 i	(V10M)[QG18DE]	08.00-	113317	14 80			04.00- 03.01	113267	12 0.7
Almera Tino 2.0 i	(V10M)[SR20DE]	05.00-	113439	14 90					
Almera Tino 2.2 DCI	(V10)[YD22DDT]	09.03-	113440	14 100			65P 07.04-	113323	12 1.7
Almera Tino 2.2 Diesel DI	(V10)[YD22DDT]	08.00-	113440	14 100			08.00-	113319	12 2.2
Altimira 2.5	[QR25DE]						08.01- 09.06	114329	12 1.6
Bluebird 1.6	(910)[L16]						01.80- 11.83	110144	12 1.0
	(T12)[CA16S]	03.86- 06.90	110630	14 70			03.86- 06.90 04.87- 06.90	110310# 110480	12 1.0 12 1.2
	[CA16]	03.86- 06.91 03.86- 06.91	110968 111355	14 70 14 65			03.86- 06.91	110393	
Bluebird 1.8	(910)[L18S]	01.80- 05.84 01.80- 05.84 01.80- 12.83	110168 110307 110458	14 50 14 60 14 60			AT 01.80- 05.84 01.80- 05.84	110308# 110144	12 1.0 12 1.0
	[L18T]	01.80- 05.84 01.80- 05.84	110168 110307	14 50 14 60			AT 01.80- 05.84 01.80- 05.84	110308# 110144	12 1.0 12 1.0
	(U11)[CA18S]						11.83- 02.86	110310#	12 1.0
	(W910)[L18S]	01.80- 05.84 01.80- 05.84	110168 110307	14 50 14 60			01.80- 05.84 01.80- 05.84	110308# 110144	12 1.0 12 1.0
	[L18]						AT 01.79- 11.79 01.79- 11.79	110308# 110144	12 1.0 12 1.0
Bluebird 1.8 i 16V	(T72)[CA18D]	02.89- 12.90	110630	14 70			02.89- 12.90 02.89- 12.90	110393 11472#	12 1.4 12 1.4
Bluebird 1.8 Turbo	(T72, T12)[CA18T]						09.88- 04.90	110393	
	(U11)[CA18T]						04.84- 05.90	110310#	12 1.0
Bluebird 2.0	(T12)[CA20S]	12.85- 12.87	110630	14 70			A16 12.85- 12.87 A16 04.87- 12.87 AT 12.85- 12.87	110393 110480 110480	12 1.2 12 1.2 12 1.2
	(U11)[CA20E]						04.84- 02.86 04.86- 01.88	110310# 110480	12 1.0 12 1.2
	(WU11)[CA20E]	04.84- 12.90	110630	14 70			04.84- 02.86 02.86- 12.90 04.86- 12.90	110310# 110393 110480	12 1.0 12 1.0 12 1.2
	[CA20S]	04.86- 12.87	110630	14 70			04.86- 12.87 A16 04.86- 12.87 AT 04.86- 12.87	110393 110480 110480	12 1.2 12 1.2 12 1.2
Bluebird 2.0 i	(910)[Z20E]	01.82- 05.84 01.82- 05.84 01.82- 05.84	110168 110307 110458	14 50 14 60 14 60			01.82- 05.84	110309	
	(T12, T72)[CA20E]	09.88- 09.90	110630	14 70			09.88- 09.90	110480	12 1.2
	(T12, T72)[CA20E]	12.85- 12.90	110630	14 70			12.85- 12.90 12.85- 12.90	110480 110393	12 1.2 12 1.0
	(WU11)[CA20E]	09.88- 09.90	110630	14 70			09.88- 09.90	110480	12 1.2
Bluebird 2.0 Diesel	(910)[LD20]						01.80- 05.84	110478	12 1.8
	(T12, T72)[LD20]	03.86- 12.90	110457#	14 60			A13 01.80- 05.84	111448#	12 2.0
	(T12, T72)[LD20]	03.86- 12.90	111236#	14 70					
		03.86- 12.90	111236#	14 70					
	(U11)[LD20]					MI	04.84- 01.88	110263	12 1.2
	(W910)[LD20]	09.87- 01.88	111236#	14 70		MI	A13 01.80- 05.84 01.80- 05.84	111448# 110478	12 2.0 12 1.8
	(WU11)[LD20]	03.86- 12.90	111236#	14 70		MI	04.84- 01.88	110263	12 1.2
Bluebird 2.0 TD	(910)[LD20T]						05.82- 05.84	110478	12 1.8
Cherry 1.0	(E10)[A10]						09.70- 09.78 09.70- 09.78	110143 110279	12 1.0 12 0.8
	(N10)[A10]						08.78- 07.81	110279	12 0.8
	[A10S]	08.78- 07.81 03.79- 07.81 03.79- 07.81 03.79- 07.81 08.81- 06.82	110307 110128 110129 110131 110168	14 60 14 35 14 50 14 50 14 50			03.79- 06.82	110143	12 1.0
	(N12)[E10]	05.82- 05.86 05.82- 05.86	110168 110264	14 50 14 40			05.82- 05.86	110279	12 0.8
Cherry 1.2	(N10)[A12]	01.70- 07.81 01.70- 07.81 01.70- 07.81 08.78- 07.81	110128 110129 110131 110307	14 35 14 50 14 50 14 60			10.78- 09.82	110143	12 1.0
	(VN10)[A12]	10.78- 05.82 10.78- 05.82 10.78- 07.81	110128 110129 110307	14 35 14 50 14 60			10.78- 07.81 07.81- 05.82	110143 110279	12 1.0 12 0.8
Cherry 1.3	(N10)[E13]	08.81- 09.82	110307	14 60			09.81- 09.82	110279	12 0.8
	(N12)[E13]	09.81- 08.86	110168	14 50			AT 09.81- 06.82	111441#	12 0.8
		05.82- 10.86 05.82- 10.86	110168 110264	14 50 14 40			05.82- 10.86	110279	12 0.8
	(VN10)[E13]	09.81- 12.83 09.81- 08.86	110168 110307	14 50 14 60			09.81- 12.83	110279	12 0.8
Cherry 1.4	(N10)[A14S]	10.79- 07.81 08.80- 07.81 08.81- 03.82	110129 110307 110168	14 50 14 60 14 50			10.79- 04.82	110143	12 1.0
	(VN10)[A14S]	10.79- 07.81 10.79- 07.81 07.81- 04.82	110129 110131 110168	14 50 14 50 14 50			10.79- 04.82	110143	12 1.0
Cherry 1.4 i.e.	(N10)[A14S]	10.79- 07.81 10.79- 07.81 08.80- 07.81 07.81- 04.82	110129 110131 110307 110168	14 50 14 50 14 60 14 50			10.79- 04.82	110143	12 1.0
Cherry 1.5	(N10)[E15]	01.79- 12.82	110168	14 50			01.79- 12.82	110279	12 0.8
	(N12)[E15S]	11.83- 10.86 11.83- 10.86	110168 110264	14 50 14 40			11.83- 10.86	110279	12 0.8
		11.83- 10.86	110307	14 60					
Cherry 1.5 Turbo	(N12)[E15ET]	01.83- 12.85 01.83- 12.85	110307 110458	14 60 14 60			AT 07.83- 12.85	112984	12 1.2
Cherry 1.7 Diesel	(N12)[CD17]	06.83- 05.86	110457#	14 60			10.82- 12.86	110403	
Cube 1.5 DCI	(Z12)[K9K]	03.10-	114354	14 150					
Datsun 140 J 1.4	[A14]						01.73- 05.77	110144	12 1.0
Datsun 160 J 1.6	[L16S]						01.73- 12.79	110144	12 1.0
	[L16T]						AT 01.78- 02.82	110308#	12 1.0
							01.78- 02.82	110144	12 1.0
Datsun 160 J 1.6 i.e.	[L16]						01.78- 02.82	110144	12 1.0
Interstar 1.9 DCI	[F90772]	07.02- AC 07.02-	113248 112471	14 120 14 125			07.02-	112474	12 1.8
Interstar 2.2 DCI	[G9T722]	07.02- 07.02- 07.02- 07.02-	112471 113245 113248 113837	14 125 14 125 14 120 14 150			07.02-	112475	12 2.1

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





NISSAN Continued

Interstar 2.5 DCi	(X70)[G9U6321]	09.06-	113837	14	150					
	[G9U650]	11.03-	113248	14	120	11.03-	112475	12	2.1	
		09.06-	113837	14	150					
	[G9U720]	07.02-	113837	14	150	07.02-	112475	12	2.1	
	[G9U720]	07.02-	112471	14	125	07.02- 11.03	112475	12	2.1	
		07.02-	113245	14	125					
		07.02-	113837	14	150					
Interstar 2.5 DCi 100	[G9U730]	11.03-	112471	14	125	11.03-	112475	12	2.1	
		11.03-	113245	14	125					
		11.03-	113248	14	120					
		11.03-	113837	14	150					
Interstar 2.5 DCi 120		08.06-	113837	14	150					
Interstar 2.5 DCi 150		08.06-	113837	14	150					
Interstar 3.0 DCi 140	[ZD30]	11.03-	113993	14	135	11.03-	114032	12	2.5	
Juke 1.5 DCi	[K9K...]	06.10-	114354	14	150					
King Cab 1.6	(FG21)[Z16]	01.89-	110168	14	50					
King Cab 2.0	(D21)[Z20]	09.85- 02.98	110168	14	50	09.85- 02.98	110308#	12	1.0	
		09.85- 02.98	110307	14	60					
	(FG21)[Z20]	01.89-	110168	14	50					
King Cab 2.2 Diesel	(720)[SD22]	12.81- 08.85	110694	14	40	07.79- 08.85	110308#	12	1.0	
King Cab 2.3 Diesel	(720)[SD23]	01.83- 05.85	110694	14	40	01.83- 05.85	110386	12	1.9	
	(D21)[SD23]	06.85- 08.87	110707	14	60	06.85- 08.87	110719	12	2.0	
King Cab 2.4 Diesel	(D21)[Z24]	09.85- 04.92	110168	14	50	09.85- 04.92	110309			
		09.85- 04.92	110307	14	60					
King Cab 2.4 i 12V	(D21)[KA24E]	04.92-	111958#	14	60	04.92-	111485	12	1.2	
		04.92- 02.98	113784#	14	70					
King Cab 2.4 i 12V 4WD	(D21)[KA24E]	04.92-	111958#	14	60	04.92-	111485	12	1.2	
		04.92- 02.98	113784#	14	70					
King Cab 2.4 i 4WD	(D21)[Z24i]	03.86- 04.92	110307	14	60	03.86- 04.92	110309			
		04.92-	111980	14	70	03.86- 04.92	111378	12	1.2	
King Cab 2.7 TD 4WD	(D21)[TD27]	08.87-	110700	14	50	08.87- 02.98	110574	12	2.0	
		08.87- 02.98	113383	14	60					
King Van 2.0	(E24)[Z20]	11.86- 01.95	110264	14	40	10.88-	111566#	12	1.2	
		02.87- 03.89	110307	14	60	A13 11.86- 10.88	110309			
		12.88- 10.93	110168	14	50	11.86- 10.88	110277	12	0.8	
King Van 2.3 Diesel	(E24)[TD23]	11.86- 03.89	110701	14	50					
		02.87- 12.88	112093	14	70					
King Van 2.4 i	(E24)[Z24i]	01.93- 11.95	111953	14	70	05.89- 11.95	111378	12	1.2	
King Van 2.5 TD	(E24)[TD25]	12.88- 07.94	110701	14	50	12.88- 07.94	111805	12	2.5	
		12.88- 07.94	112093	14	70					
King Vanette 1.5	(GC22)[A15S]	09.86- 07.95	110168	14	50	09.86- 07.95	110142	12	1.0	
		09.86- 07.95	110307	14	60					
King Vanette 2.0	(GC22)[Z20S]	09.86-	110168	14	50	03.88- 05.90	110277	12	0.8	
		09.86-	110307	14	60					
King Vanette 2.0 Diesel	(GC22)[LD20]	09.86- 11.91	112092#	14	70	09.86- 10.86	110263	12	1.2	
	[LD20-ii]	05.89- 12.91	111777#	14	60					
King Vanette 2.4 i	(GC22)[Z24S]					06.86- 12.95	111378	12	1.2	
Kubistar 1.1 X76	(FC0F, FC1A)[D7F764]	08.03-	113403	14	75	08.03-	111641	12	0.9	
Kubistar 1.5 DCi X76	(FC07)[K9K700]	08.03-	113248	14	120	08.05-	113897	12	1.4	
		08.05-	113862	14	125	08.03-	113927	12	1.1	
	[K9K704]	08.03-	113248	14	120	08.03-	113897	12	1.4	
		08.05-	113862	14	125	08.03-	113927	12	1.1	
	[K9K714]	08.03-	113248	14	120	08.03-	113927	12	1.1	
		08.05-	113862	14	125	08.05-	113897	12	1.4	
	[K9K716]	08.03-	113248	14	120	08.03-	113927	12	1.1	
		08.05-	113862	14	125	08.05-	113897	12	1.4	
	(FC08)[K9K702]	08.03-	113248	14	120	08.03-	113927	12	1.1	
		04.06-	113862	14	125	08.03-	113897	12	1.4	
	[K9K710]	08.03-	113248	14	120	08.03-	113927	12	1.1	
		04.06-	113862	14	125	08.03-	113897	12	1.4	
	[K9K718]	08.03-	113248	14	120	08.03-	113927	12	1.1	
		04.06-	113862	14	125	08.03-	113897	12	1.4	
	[K9K722]	08.03-	113248	14	120	08.03-	113927	12	1.1	
		04.06-	113862	14	125	08.03-	113897	12	1.4	
	(FC09)[K9K]					08.03-	113927	12	1.1	
	[K9K710]	08.05-	112457	14	110	08.05-	113927	12	1.1	
		08.05-	113863	14	90					
Kubistar 1.6 16V X76	[K4M752]	08.03-	112144	14	98	08.03-	113932	12	0.85	
		08.03-	112199	14	75					
Laurel 2.0	(C230)[L20A]	01.72- 05.80	110129	14	50	03.77- 05.83	110277	12	0.8	
		03.77- 03.85	110458	14	60					
	(C31)[L20A]	01.81-	110330			01.81- 01.84	110144	12	1.0	
		01.81- 01.84	110458	14	60	01.81- 01.84	110277	12	0.8	
Laurel 2.4	(C230)[L24]	12.77- 05.80	110129	14	50	12.77- 05.83	110277	12	0.8	
		12.77- 05.83	110458	14	60					
	(C31)[L24]	01.81- 12.85	110458	14	60	01.81- 12.85	110277	12	0.8	
		01.81- 12.85	110703	14	55					
	(C32)[L24E]	01.85- 12.87	110458	14	60	A13 01.85- 12.87	110280	12	1.2	
						01.85- 12.87	110277	12	0.8	
	[L24S]	01.85- 12.87	110458	14	60	A13 01.85- 12.87	110280	12	1.2	
						01.85- 12.87	110277	12	0.8	
Laurel 2.8 Diesel	(C31)[LD28]					04.81- 10.85	110717#	12	1.8	
		A13				VP				
	(C32)[LD28]					01.85- 02.87	110717#	12	1.8	
	[RD28]					02.87- 12.89	111445	12	2.0	
Laurel 3.0	(C32)[VG30S]	11.84-	112970	14	70	11.84-	112216#	12	1.4	
Laurel 3.0 i	(C32)[VG30E]	03.86-	112970	14	70	03.86-	112216#	12	1.4	
		02.87-	112208#	14	70					
Maxima 2.0	(A32)[VO20DE]	10.94-	111957			10.94-	111382	12	1.4	
		AC 10.94-	111381	14	110					
Maxima 3.0 i	(J30)[VG30E]	12.88- 06.94	111265#	14	90	12.88- 06.94	111023	12	1.4	
Maxima OX 2.0	(A32)[VO20DE]	02.95-	111957			02.95-	111382	12	1.4	
		AC 02.95-	111381	14	110					
Maxima OX 2.0 V6 24V	(A33)[VO20DE]	03.00-	111957			03.00-	111382	12	1.4	
Maxima OX 2.5 V6 24V	(A33)[VO25DE]					03.00-	111492	12	1.4	
Maxima OX 3.0	(A32)[VO30DE]	10.94- 08.02	111957			10.94- 12.96	111382	12	1.4	
		AC 10.94- 12.96	111381	14	110					
Maxima OX 3.0 V6 24V	(A33)[VO30DE]	03.00- 08.02	111957			03.00-	111382	12	1.4	
Micra 1.0	(K10)[MA10S]	12.82- 12.89	110168	14	50	12.82- 12.89	110279	12	0.8	
		12.82- 05.89	110264	14	40	AT 12.82- 12.89	111728	12	1.4	
		12.82- 12.89	110307	14	60					
	[MA10S]	12.82- 11.88	110264	14	40	AT 12.82- 07.92	111728	12	1.4	
						12.82- 07.92	110279	12	0.8	
Micra 1.0 16V	(K12)[CG10DE]					01.03-	114199	12	0.7	
Micra 1.0 i 16V	(K11)[CG10DE]	09.00- 02.03	113697	14	65	08.92-	110279	12	0.8	
		08.92- 05.96	111280	14	65	08.92- 10.02	113644	12	1.2	
						A32 08.92-	111821#	12	1.1	
						AT 08.92-	111866			
						09.00- 02.03	114199	12	0.7	
Micra 1.2	(K10)[MA12S]	07.86- 07.92	110691#	14	50	AT 07.86- 07.92	111728	12	1.4	
						07.86- 07.92	110279	12	0.8	
Micra 1.2 16V	(K12)[CR12DE]	05.06-	114293	14	80	A34 01.03-	114199	12	0.7	
Micra 1.3 i 16V	(K11E)[CG13DE]	08.92- 05.96	111280	14	65	08.92-	110279	12	0.8	
						A13 08.92-	111818			
		</								



Micra 1.5 DCI	(K12)[K9K]	01-03-	113940	14	110							
	[K9K704]	01-03-	113940	14	110							
	[K9K722]	09-03-	113940	14	110			01-03- 09-07	113927	12	1.1	
Micra 1.5 Diesel	(K11)[TD15]											
	(D40)[YD25DDT]	07-05-	114244	14	130			09-03-	113927	12	1.1	
	(D40)[YD25DDT]	10-06-	114244	14	130			02-98- 10-02	111029	12	1.4	
Navara 2.5 DCI	(D40)[YD25DDT]	07-05-	114244	14	130			07-05-	114232	12	2.0	
	(E11)[CR14DE]	05-06-	114293	14	80			10-06-	114232	12	2.0	
	(E11)	07-08-	114354	14	150			03-06-	114199	12	0.7	
Note 1.4	[K9K276]	03-06-	114354	14	150							
	[K9K700]	03-06-	114354	14	150							
	(E11)	07-08-	114354	14	150							
NV 200 1.5 DCI	(M20)[K9K]	04-11-	113940	14	110							
	(M20)	04-11-	113940	14	110			04-11-	113897	12	1.4	
	(M20)[K9K]	02-10-	114354	14	150			04-11-	113897	12	1.4	
Pathfinder 2.4 4x4	(R51)[YD25DDT]	01-87- 12-88	112967	14	50							
	(TD27ETI)	03-05-	114244	14	130			03-05-	114232	12	2.0	
	(VG33E)	09-97-	113374	14	90			09-97- 12-04	110574	12	2.0	
Pathfinder 2.5 DCI 4WD	(R51)[YD25DDT]	09-97-	113375	14	90							
	(VG33E)	09-97-	113375	14	90							
	(VG33E)	09-97-	113424	14	90							
Pathfinder 3.3 V6 4WD	(V035)	01-01- 12-02	113373	14	100							
	(V035)	01-01- 01-02	113420	14	110							
	(V035)	07-80- 08-88	110458	14	60			07-80- 08-88	110280	12	1.2	
Patrol 2.8	(160)[L28]	05-86- 06-90	110458	14	60			05-86- 06-90	110280	12	1.2	
	(260)[L28]	05-86- 06-90	111614	28	35							
	(260)[L28]	08-95-	111871#	14	80							
Patrol 2.8 TD	(260)[RD28T]	04-89- 11-92	112329	14	70	BO		06-89- 11-95	111445	12	2.0	HI
	(260)[RD28T]	09-90- 11-90	111747	14	70	VP		06-89- 11-95	110280	12	1.2	
	(260)[RD28T]	12-92- 11-95	112207	14	70	BO, VP						
Patrol 3.0	(260)[RD28T]	08-95-	111871#	14	80							
	(Y60)[RD28T]	09-88- 08-95	111747	14	70	VP		09-88-	111445	12	2.0	
	(Y60)[RD28T]	04-89- 11-92	112329	14	70							
Patrol 3.2 Diesel	(RD28T)	08-95-	111871#	14	80							
	(RD28T)	AC 04-89- 07-91	111747	14	70	VP						
	(RD28T)	05-86- 07-91	111747	14	70			05-86- 06-90	111445	12	2.0	
Patrol 3.2 TD	(RD28T)	04-89- 11-92	112329	14	70	BO						
	(RD28T)	12-92-	112207	14	70	BO						
	(RD28T)	08-95-	111871#	14	80							
Patrol 3.2 Diesel	(RD28T)	08-95-	111871#	14	80			06-97-	111445	12	2.0	
	(RD28T)	06-97-	112359	14	100							
	(RD28T)	04-89- 05-98	111445	12	2.0							
Patrol 3.2 TD	(W260)[SD33T]	08-88- 06-90	110567	28	25			08-88- 06-90	111558	24	3.5	
	(SD33T)	08-88- 06-90	111614	28	35							
	(SD33T)	08-88- 06-90	111614	28	35			08-88- 06-90	111558	24	3.5	
Patrol 3.3 Diesel	(160)[SD33T]	07-83- 08-88	110567	28	25			04-83- 06-85	110467#	24	3.2	
	(160)[SD33T]	07-83- 08-88	111614	28	35			06-85- 08-88	111558	24	3.5	
	(160)[SD33T]	11-79- 08-88	110567	28	25			11-79- 08-88	110467#	24	3.2	
Patrol 3.3 Diesel	(160)[SD33]	11-79- 08-88	111614	28	35							
	(160)[SD33]	11-79- 08-88	111614	28	35							
	(160)[SD33]	11-79- 08-88	111614	28	35							
Patrol 4.2	(Y60)[TB42E]	10-91- 08-95	112206#	14	70			10-91-	111731#	12	1.2	
	(Y60)[TB42E]	08-95-	111871#	14	80							
	(Y60)[TB42E]	11-88- 06-97	114370	28	35			11-88- 06-97	113191	24	3.5	
Patrol 4.2 Diesel	(Y61)[ZD30DDT]	05-00-	113787	14	90							
	(Y61)[ZD30DDT]	05-00-	113787	14	90							
	(Y61)[ZD30DDT]	05-00-	113787	14	90							
Pick Up 1.8	(720)[L18]	12-81- 03-86	110168	14	50			01-83- 03-86	110308#	12	1.0	
	(720)[L18]	01-83- 03-86	110307	14	60							
	(720)[L18]	04-83- 08-93	110168	14	50			09-85- 04-92	110308#	12	1.0	
Pick Up 2.0	(D21)[Z20]	04-83- 03-86	110168	14	50							
	(D21)[Z20]	04-83- 03-86	110307	14	60							
	(D21)[Z20]	04-83- 03-86	110458	14	60			04-83- 03-86	110308#	12	1.0	
Pick Up 2.2 4WD	(720)[Z22]	04-83- 03-86	110168	14	50							
	(720)[Z22]	04-83- 03-86	110307	14	60							
	(720)[Z22]	04-83- 03-86	110458	14	60							
Pick Up 2.3 Diesel	(720)[SD23]	01-83- 03-86	110694	14	40	VP		04-83- 08-85	110386	12	1.9	
	(D21)[SD23]	09-85- 08-88	110707	14	60							
	(D21)[SD23]	09-85- 08-88	110707	14	60							
Pick Up 2.4 4WD	(D21)[Z24]	09-85- 04-92	110168	14	50							
	(D21)[Z24]	04-92- 05-94	111958#	14	60							
	(D21)[Z24]	05-94- 02-98	113197	14	60							
Pick Up 2.4 4WD	(D22)[KA24E]											
	(D21)[TD25]	08-87- 02-98	111316	14	60			03-02-	112368	12	1.4	
	(D21)[TD25]	02-98-	113383	14	60			08-87- 02-98	110574	12	2.0	
Pick Up 2.5 Diesel	(D22)[TD25]	02-98-	113383	14	60							
	(D22)[TD25]	02-98-	113383	14	60							
	(D22)[TD25]	02-98-	113383	14	60							
Pick Up 2.5 Diesel 4WD	(D21)[SD25]	09-85- 08-91	110707	14	60			04-83- 09-85	110386	12	1.9	
	(D21)[SD25]	09-85- 08-91	110707	14	60			09-85- 10-87	110719	12	2.0	
	(D21)[SD25]	08-87- 03-96	110700	14	50			10-87- 10-88	111805	12	2.5	
Pick Up 2.5 TD	(D21)[SD25]	08-87- 02-98	111316	14	60			10-88- 03-96	110574	12	2.0	
	(D22)[TD25]	02-98-	113383	14	60							
	(D22)[TD25]	03-02-	113324	14	90			03-02-	113964	12	2.2	
Pick Up 2.5 TD 4WD	(D22)[TD25T]	01-01-	113324	14	90			05-98-	110574	12	2.0	
	(D22)[TD25T]	05-98-	113383	14	60							
	(YD25DDT)											
Pick Up 2.7 Diesel 4WD	(D21)[TD27]											
	(D21)[TD27]											
	(D21)[TD27]											
Prairie 1.5 S	(M10)[E15S]	01-83- 12-87	110168	14	50			08-87- 01-97	110574	12	2.0	
	(M10)[E15S]	01-84- 12-87	110307	14	60			01-83- 09-88	110279	12	0.8	
	(M10)[E15S]	01-84- 12-87	110307	14	60							
Prairie 1.8	(M10)[CA18S]											
	(M10)[CA18S]											
	(M10)[CA18S]											
Prairie 2.0 4WD	(M10)[CA20S]											
	(M10)[CA20S]											
	(M10)[CA20S]											
Prairie 2.0 i 4WD	(M11)[CA20E]	10-88- 12-92	110630	14	70			07-83- 09-88	110278	12	0.8	
	(M11)[CA20E]	10-88- 04-92	110630	14	70			A13 06-86- 09-88	111465			
	(M11)[CA20E]	10-88- 04-92	110630	14	70			AT 06-86- 09-88	111465			
Prairie 2.0 i PRO	(M11)[CA20E]	10-88- 04-92	110630	14	70			06-86- 09-88	110310#	12	1.0	
	(M11)[CA20E]	10-88- 04-92	110630	14	70							
	(M11)[CA20E]	10-88- 04-92	110630	14	70							
Prairie 2.4 i 4WD	(KA24E)	04-92- 07-94	111264	14	80			10-88- 12-92	111465			
	(M11)[KA24E]	04-92- 07-94	111264	14	80			10-88- 04-92	111472#	12	1.4	
	(M11)[KA24E]	04-92- 07-94	111264	14	80			10-88- 04-92	110393			
Primastar 1.9 DCI	[F90760]	03-01-	113248									



NISSAN Continued

Application list

Primera 2.0	(P10)[SR20DE]	06.90-06.96	111268	14	80	06.90-06.96	111608	12	1.4
	[SR20DI]	06.90-01.96	111268	14	80	06.90-01.96	111608	12	1.4
						06.90-01.96	111080#	12	1.4
	(P12)[OR20DE]	12.01-	113316	14	110				
	(W10)[SR20DI]	07.90-07.94	111264	14	80	07.90-07.94	111608	12	1.4
		07.94-12.95	111726	14	80	07.90-03.98	111080#	12	1.4
	(WP12)[OR20DE]	12.01-	113316	14	110				
	[SR20DE]					01.95-06.96	111080#	12	1.4
Primera 2.0 GT	(P10)[SR20DE]	06.90-01.96	111268	14	80	06.90-01.96	111608	12	1.4
						06.90-01.96	111080#	12	1.4
Primera 2.0 16V	(P11)[SR20DE]	06.96-06.99	111633	14	80	09.96-07.02	111608	12	1.4
		06.99-07.02	111726	14	80				
		06.99-07.02	113439	14	90				
		AC 06.96-	111726	14	80				
Primera 2.0 16V 4WD	(P10)[SR20DI]	04.91-05.93	111268	14	80	04.91-	111608	12	1.4
						04.91-06.96	111080#	12	1.4
Primera 2.0 i	(P10)[SR20DE]	01.95-08.96	111268	14	80	01.95-	111608	12	1.4
						01.95-06.96	111080#	12	1.4
Primera 2.0 Diesel	(P10)[CD20]	01.91-01.96	111294	14	70	A13 01.91-01.96	111506#	12	2.2
						01.91-01.96	110575	12	2.0
	(W10)[CD20]	07.90-12.95	111294	14	70	07.90-12.95	110575	12	2.0
						A13 07.90-12.95	111506#	12	2.2
	[CD20]	01.91-01.96	111294	14	70	01.91-01.96	110575	12	2.0
						A13 01.91-01.96	111506#	12	2.2
Primera 2.0 TD	(P11)[CD20T]	09.96-07.02	112351	14	90	A15 09.96-12.01	111506#	12	2.2
						09.96-12.01	110575	12	2.0
Primera 2.2 DCI	(P12)[YD22DDT]	04.03-	114489	14	110	01.03-	113323	12	1.7
	(WP12)[YD22DDT]	04.03-	114489	14	110	01.03-	113323	12	1.7
Primera 2.2 Diesel Di	(P12)[YD22DDT]	03.02-	114489	14	110	03.02-	113323	12	1.7
	(WP12)[YD22DDT]	03.02-	114489	14	110	03.02-	113323	12	1.7
Qashqai 1.5 DCI	(J10)	07.08-	114354	14	150				
	(J10 J11)					11.10-	113897	12	1.4
	[K9K]	02.07-	114354	14	150				
Sentra 2.5	[QR25DE]					06.02-08.06	114329	12	1.6
Serena 1.6 16V	(C23M)[GA16DE]	07.92-	111955	14	80	07.92-	111728	12	1.4
Serena 2.0 16V	(C23M)[SR20DE]					11.92-	111549	12	1.4
Serena 2.0 Diesel	(C23M)[LD20]	11.92-	111812	14	90	11.92-	114318	12	2.2
Serena 2.0 TD	(KVC23)	01.91-01.97	112658#	14	90				
Serena 2.3 Diesel	(C23M)[LD23]	07.92-	111812	14	90	VP 01.95-	114318	12	2.2
		01.95-	113786	14	90				
Silvia 1.8	(S12)[CA18ET]	01.86-01.89	111433#	14	70				
Silvia 1.8 i	(S12)[CA18ET]					04.84-05.88	110393		
Silvia 1.8 Turbo	(S110)[L18E]					01.79-05.83	110144	12	1.0
Silvia 2.0	(S12)[FJ20E]	10.83-09.88	110307	14	60	04.84-09.88	110280	12	1.2
Stanza 1.6	(T11)[CA16S]					08.81-12.85	110278	12	0.8
Stanza 1.8	(T11)[CA18]					AT 08.81-12.85	111444	12	1.2
						08.81-12.85	110278	12	0.8
	[CA18S]					AT 08.81-12.85	111444	12	1.2
						08.81-12.85	110278	12	0.8
Stanza 1.8 SGL	(T11)[CA18S]					AT 03.83-12.85	111444	12	1.2
						03.83-12.85	110278	12	0.8
Sunny 1.0	(N13)[E10S]	06.86-10.88	110693	14	60	06.86-10.88	110279	12	0.8
Sunny 1.3	(B11)[E13]	03.82-08.90	110168	14	50	AT 03.82-09.87	111441#	12	0.8
		03.82-08.90	110307	14	60	03.82-09.87	110279	12	0.8
		05.83-05.88	110264	14	40				
	(N13)[E13S]	06.86-10.91	110307	14	60	06.86-10.91	110279	12	0.8
		06.86-10.91	110693	14	60				
Sunny 1.4	(B310)[A14]	01.70-05.78	110128	14	35	AT 01.70-02.82	110142	12	1.0
		01.70-02.82	110129	14	50				
		01.70-02.82	110131	14	50				
		09.80-06.82	110168	14	50				
	(N13)[GA14S]	10.88-08.91	110632	14	65	AT 01.89-08.91	110142	12	1.0
Sunny 1.4 LX	(N13)[GA14S]	10.88-08.91	110632	14	65	10.88-08.91	110279	12	0.8
Sunny 1.4 16V	[GA14DE]	10.90-05.95	110631	14	70	AT 10.90-05.95	111459	12	1.2
						10.90-05.95	111312	12	0.8
Sunny 1.4 i 16V	(N14)[GA14DE]	10.92-06.95	110631	14	70	AT 10.92-06.95	111459	12	1.2
						10.92-06.95	111312	12	0.8
Sunny 1.4 i	(N14)[GA14DS]	10.90-05.95	110631	14	70	AT 10.90-05.95	111459	12	1.2
						10.90-05.95	111312	12	0.8
Sunny 1.5	(B11)[E15S]	03.82-10.86	110168	14	50	AT 03.82-10.86	111441#	12	0.8
		03.82-10.86	110307	14	60	03.82-10.86	110279	12	0.8
	(B12)[E15S]	06.86-10.88	110693	14	60	06.86-10.88	110279	12	0.8
	(B310)[A15]	06.79-02.82	110129	14	50	06.79-02.82	110142	12	1.0
		06.79-02.82	110131	14	50				
		06.79-02.82	110168	14	50				
	(N13)[E15S]	06.86-10.88	110693	14	60	06.86-10.88	110279	12	0.8
Sunny 1.6	(B12)[E16S]	06.86-10.88	110693	14	60	06.86-10.88	110279	12	0.8
	(N13)[E16S]	06.86-10.88	110693	14	60	06.86-10.88	110279	12	0.8
Sunny 1.6 16V	(Y10)[GA16DS]	10.90-03.94	110631	14	70	10.90-05.95	111312	12	0.8
		03.94-05.95	111704	14	70	AT 10.90-05.95	111459	12	1.2
Sunny 1.6 GTI 16V	(B12)[CA16D]	05.87-05.89	110630	14	70				
	(N13)[CA16D]	02.87-05.89	110630	14	70				
Sunny 1.6 i 12V	(N13)[GA16i]	10.88-10.90	110632	14	65				
Sunny 1.6 i 12V 4WD	(B12)[GA16i]	10.88-08.91	110693	14	60	10.88-08.90	111459	12	1.2
Sunny 1.6 i 16V	(10)[GA16DE]	10.92-03.94	110631	14	70	10.92-	111312	12	0.8
		03.94-	111704	14	70	AT 10.92-	111459	12	1.2
	(N14)[GA16DE]	10.92-05.95	110631	14	70	AT 10.92-05.95	111459	12	1.2
						10.92-05.95	111312	12	0.8
	(Y10L)[GA16DE]	11.90-03.94	110631	14	70	10.92-	111312	12	0.8
		03.94-07.95	111704	14	70	AT 10.92-	111459	12	1.2
Sunny 1.6 i 16V 4WD	(N14)[GA16DE]	10.92-05.95	110631	14	70	10.92-05.95	111459	12	1.2
	[GA16DS]	10.90-10.92	110631	14	70	10.90-10.92	111459	12	1.2
Sunny 1.6 i	(B12)[E16i]	06.86-05.89	110693	14	60	06.86-10.88	110279	12	0.8
	[GA16i]	10.88-06.91	110632	14	65				
	(N13)[E16i]	06.86-10.90	110693	14	60	06.86-10.90	110279	12	0.8
		10.88-10.90	110632	14	65				
	[GA16i]	10.88-06.91	110632	14	65				
	(N14)[GA16DE]					10.90-05.95	111339	12	1.2
	[GA16DS]	10.90-05.95	110631	14	70	AT 10.90-05.95	111459	12	1.2
						10.90-05.95	111312	12	0.8
	(Y10)[GA16DS]	10.92-03.94	110631	14	70	10.90-10.93	111312	12	0.8
		03.94-07.95	111704	14	70	AT 10.90-10.93	111459	12	1.2
Sunny 1.6 i 4WD	(B12A)[E16i]	06.86-05.89	110168	14	50	AT 06.86-05.89	112984	12	1.2
	(N13A)[E16i]	06.86-10.90	110693	14	60	AT 06.86-10.90	112984	12	1.2
Sunny 1.7 Diesel	(B11)[CD17]	03.82-10.86	110457#	14	60	03.82-10.86	110403		
						03.82-10.86	110575	12	2.0
	(B12)[CD17]	01.86-06.91	111692	14	70	01.86-06.91	110575	12	2.0
	(N13)[CD17]	06.86-01.91	111692	14	70	06.86-01.91	110575	12	2.0
	(Y10)[CD17]	11.90-	111692	14	70	11.90-	110575	12	2.0
Sunny 1.8 GTI 16V	(B12)[CA18DI]	01.89-06.91	110630	14	70	01.89-06.91	111563	12	1.4
	(N13)[CA18DI]	01.89-06.91	110630	14	70	01.89-06.91	111563	12	1.4
Sunny 2.0 GTI 16V	(N14)[SR20DE]	10.90-05.95	111264	14	80	10.90-05.95	111080#	12	1.4
						10.90-05.95	111608	12	1.4
Sunny 2.0 i 16V	(N14)[SR20DE]					10.90-05.95	111608	12	1.4
Sunny 2.0 i Turbo	(N14)[SR20DE]	10.90-05.95	111264	14	80	10.90-05.95	111473#	12	1.4
Sunny 2.0 Diesel	(N14)[CD20]	10.90-05.95	111294	14	70	10.90-05.95	110575	12	2.0



Terrano 2.7 TD	(R20)[TD27T]	02.93- 06.96	111316	14	60	HI	02.93- 06.96	111805	12	2.5
	(WD21)[TD27T]	02.93- 06.96	112086	14	60	BO				
Terrano 2.7 TDI 4WD	(R20)[TD27T]	08.87- 10.93	110700	14	50		02.89- 02.93	110574	12	2.0
		02.89- 10.93	111316	14	60		02.89- 02.93	111805	12	2.5
Terrano 3.0 i	(R20)[TD27T]	05.96- AT	111980	14	70		05.96-	111805	12	2.5
	(WD21)[VG30E]	01.89- 12.95	111266	14	70					
Terrano 3.0 Diesel Di 4WD	[ZD30]	05.02-	113787	14	90		05.02-	114032	12	2.5
	[BD-30TI]	01.96- 12.98	112394	14	70		06.87- 08.90	111762#	12	1.4
Trade 3.0 Diesel	[BD-30II]	01.94- 12.98	112330	14	55		01.94- 12.98	112365	12	2.2
	(E23)[H20]	07.81- 11.82	110168	14	50		07.81- 11.82	110256	12	0.8
Urvan 2.0	[Z20]	12.82- 11.88	110168	14	50		12.82- 11.88	110277	12	0.8
	(E24)[Z20]	12.82- 11.88	110307	14	60		12.82- 11.88	110309		
		05.87-	110168	14	50		05.87-	111566#	12	1.2
		05.87-	110307	14	60					
	[Z20S]	05.87- 05.97	110458	14	60					
Urvan 2.2 Diesel	(E23)[SD22]	07.80- 11.82	110694	14	40		01.92- 09.93	110277	12	0.8
Urvan 2.3 Diesel	(E23)[SD23]	04.82- 11.88	110702	14	70	VP	07.80- 04.82	110386	12	1.9
	(E24)[TD23]	02.87-	112093	14	70	VP	11.82- 11.88	110386	12	1.9
Urvan 2.4	(E24)[Z24I]	02.87-	110701	14	50		11.86- 03.89	111805	12	2.5
	[Z24S]	02.87-	112093	14	70					
Urvan 2.4 i	(E24L)[Z24I]	11.86- 06.97	110307	14	60		10.93- 05.97	111378	12	1.2
Urvan 2.5 Diesel	(E24)[TD25]	12.88-	110701	14	50		05.89-	110309		
	(E24L)[TD25]	12.88-	112093	14	70		05.89- 09.93	111378	12	1.2
Vanette 1.5	(C22)[A15S]	12.88-	110701	14	70		12.88-	111805	12	2.5
		12.88-	112093	14	70					
	(KC120)[A15]	09.85- 12.95	110264	14	40		05.89-	111805	12	2.5
		10.86- 12.95	110168	14	50	VP	10.86- 12.95	110142	12	1.0
Vanette 2.0 Diesel		10.86- 12.95	110307	14	60					
		07.81- 12.87	110168	14	50		05.84- 12.87	110142	12	1.0
		01.83- 12.87	110307	14	60		04.82- 05.84	110143	12	1.0
		01.83- 12.87	110458	14	60					
Vanette 2.0 Diesel	(C22)[LD20]	09.86-	112092#	14	70		09.86- 10.86	110263	12	1.2
	[LD20-II]	07.91- 01.95	112087	14	55		07.91- 01.95	114318	12	2.2
	[LD20]	06.81- 04.84	110457#	14	60					
Vanette 2.4 i	(C22)[Z24I]	10.86-	113411#	14	70		10.86- 12.95	111378	12	1.2
Vanette Cargo 1.6 i	(C23M)[GA16DE]	10.86- 12.95	110309				10.86- 12.95	110309		
Vanette Cargo 2.0 Diesel	(C23M)[LD20]	07.92-	111955	14	80		07.92-	111728	12	1.4
Vanette Cargo 2.3 Diesel	(C23M)[LD23]	07.92- 09.94	111812	14	90		01.95-	114318	12	2.2
		09.94-	111812	14	90		01.95-	114318	12	2.2
		01.95- 11.01	113786	14	90					
X-Trail 2.0	(T30)[QR20DE]	11.01-	113316	14	110					
X-Trail 2.0 4WD	(T30)[QR20DE]	07.01-	113316	14	110					
X-Trail 2.0 DCI	(T31)[M9R]						06.07-	114074	12	2.2
X-Trail 2.2 DCI 4WD	(T30)[VD22DDTI]	12.03-	113324	14	90		12.03-	113323	12	1.7
X-Trail 2.2 Di 4WD	(T30)[VD22ETI]	07.01-	113324	14	90		07.01-	113323	12	1.7
X-Trail 2.5 4WD	[OR25DE]	09.02-	113316	14	110					
<b>PASSENGER CARS US</b>										
210 1.2	[A12]	01.79- 01.82	110383#	14	65		01.79- 01.82	110142	12	1.0
210 1.4	[A14]	01.79- 01.79	110383#	14	65		01.79- 01.79	110142	12	1.0
210 1.4 Deluxe	[A14]	01.80- 01.80	110383#	14	65		01.80- 01.80	110142	12	1.0
210 1.5 Deluxe	[A15]	01.80- 01.82	110383#	14	65		01.80- 01.82	110142	12	1.0
310 1.4	[A14]	01.79- 01.80	110383#	14	65		01.79- 01.80	110143	12	1.0
							01.79- 01.80	110142	12	1.0
310 1.4 GX	[A14]	01.80- 01.80	110383#	14	65		01.80- 01.80	110142	12	1.0
							01.80- 01.80	110143	12	1.0
310 1.5	[A15]	01.81- 01.81	110383#	14	65		01.81- 01.81	110143	12	1.0
							01.81- 01.81	110142	12	1.0
310 1.5 Deluxe	[E15]	01.82- 01.82	110383#	14	65		01.82- 01.82	110279	12	0.8
310 1.5 GX	[A15]	01.81- 01.81	110383#	14	65		01.81- 01.81	110142	12	1.0
							01.81- 01.81	110143	12	1.0
	[E15]	01.82- 01.82	110383#	14	65		01.82- 01.82	110279	12	0.8
410 1.2	[E1]						01.63- 01.65	110142	12	1.0
							01.63- 01.65	110332	12	1.0
411 1.2							01.63- 01.65	110332	12	1.0
510 1.6	[L16]						01.68- 01.73	110144	12	1.0
510 2.0	[L20B]	01.78- 01.79	110168	14	50		01.78- 01.79	110308#	12	1.0
	[Z20S]	01.78- 01.79	110383#	14	65					
		01.80- 01.81	110168	14	50		01.80- 01.81	110277	12	0.8
		01.80- 01.81	110383#	14	65		01.80- 01.81	110308#	12	1.0
520 1.3	[J13]						01.65- 01.68	110142	12	1.0
							01.65- 01.68	110332	12	1.0
521 1.3	[J13]						01.69- 01.69	110142	12	1.0
							01.69- 01.69	110332	12	1.0
521 1.6	[L16]						01.70- 01.72	110144	12	1.0
610 1.8	[L18]						01.73- 01.73	110144	12	1.0
							01.73- 01.73	110308#	12	1.0
610 2.0	[L20B]	01.74- 01.76	110129	14	50		01.74- 01.76	110144	12	1.0
							01.74- 01.76	110308#	12	1.0
620 1.6	[L16]						01.72- 01.73	110144	12	1.0
620 1.8	[L18]						01.74- 01.74	110144	12	1.0
							01.74- 01.74	110308#	12	1.0
620 2.0	[L20B]						01.75- 01.79	110144	12	1.0
							01.75- 01.79	110308#	12	1.0
710 1.8	[L18]						01.74- 01.74	110144	12	1.0
							01.74- 01.74	110308#	12	1.0
710 2.0	[L20B]	01.75- 01.77	110129	14	50		01.75- 01.77	110308#	12	1.0
							01.75- 01.77	110144	12	1.0
720 2.0	[L20B]	01.80- 01.80	110264	14	40		01.80- 01.80	110144	12	1.0
							01.80- 01.80	110280	12	1.2
							01.80- 01.80	110308#	12	1.0
	[Z20]	01.83- 01.85	110168	14	50		01.83- 01.85	110277	12	0.8
		01.83- 01.85	110383#	14	65					
720 2.2	[Z22]	01.81- 01.82	110168	14	50		01.81- 01.82	110277	12	0.8
		01.81- 01.82	110383#	14	65		01.81- 01.82	110309		
							01.81- 01.82	110308#	12	1.0
720 2.2	[SD22]						01.81- 01.82	110386	12	1.9
720 2.4	[Z24]	01.83- 01.85	110168	14	50		01.83- 01.85	110277	12	0.8
		01.83- 01.85	110383#	14	65		01.83- 01.85	110308#	12	1.0
		01.85- 12.85	112967	14	50		01.83- 01.85	110309		
	[Z24I]	01.86- 01.86	112967	14	50		01.86- 01.86	110309		
							01.86- 01.86	110277	12	0.8
							01.86- 01.86	110308#	12	1.0
720 2.5	[SD25]						01.83- 01.86	110386	12	1.9
810 2.4	[L24E]						01.77- 01.77	110277	12	0.8
							01.78- 01.81	110280	12	1.2
							01.77- 01.77	110308#	12	1.0
1200 1.2	[A12]						01.71- 01.73	110142	12	1.0
1600 1.6	[R16]						01.68-	110144	12	1.0
200SX 1.6	[GA16DE]	01.97- 01.98	113371	14	80		01.95- 01.98	111459	12	1.2
							01.95- 01.98	111312	12	0.8
200SX 1.6 SE	[GA16DE]						01.95- 01.98	111312	12	0.8
							01.95- 01.98	111459	12	1.2
200SX 1.8 Turbo	[CA18ET]	01.87-	111433#	14	70		01.84- 01.86	110278	12	0.8
							01.84- 01.86	111444		





Application list

NISSAN Continued

200SX 2.0	[CA20E]	01.87- 01.88	111433#	14	70	01.84- 01.86	110278	12	0.8
						01.84- 01.86	111444	12	1.2
	[L20B]	01.77- 01.79	110129	14	50	01.77- 01.79	110280	12	1.2
						01.77- 01.79	110144	12	1.0
200SX 2.0 SE-R	[SR20DE]	01.95- 01.98	111726	14	80	01.95- 01.95	111608	12	1.4
	[Z20E]	01.80- 01.81	110168	14	50	01.80- 01.81	110308#	12	1.0
						01.80- 01.81	110277	12	0.8
						01.96- 01.97	111608	12	1.4
200SX 2.2	[SR20DE]	01.96- 01.98	111726	14	80	01.96- 01.97	111608	12	1.4
	[Z22E]	01.82- 01.83	110168	14	50	01.82- 01.83	110308#	12	1.0
200SX 3.0	[VG30E]					01.87- 01.88	111450	12	1.4
	[KA24DE]	01.91- 01.93	112975#	14	80	01.91- 01.98	111488#	12	1.4
		01.95- 01.98	113583#	14	90				
	[KA24E]	01.89- 01.90	112969#	14	80	01.89- 01.90	111488#	12	1.4
240SX 2.4 LE	[KA24DE]	01.89- 01.90	112975#	14	80				
		01.91- 01.92	112975#	14	80	01.91- 01.97	111488#	12	1.4
240SX 2.4 SE	[KA24DE]	01.97- 01.97	113583#	14	90				
		01.91- 01.94	112975#	14	80	01.91- 01.97	111488#	12	1.4
	[KA24E]	01.95- 01.97	113583#	14	90				
		01.89- 01.90	112975#	14	80	01.89- 01.90	111488#	12	1.4
240Z 2.4	[L24]					01.70- 01.73	110277	12	0.8
260Z 2.6	[L26]					01.70- 01.73	110308#	12	1.0
						01.74- 01.74	110308#	12	1.0
280Z 2.8	[L28E]					01.74- 01.74	110277	12	0.8
						01.75- 01.77	110277	12	0.8
280ZX 2.8	[L28E]	01.82- 01.83	110458	14	60	01.79- 01.83	110280	12	1.2
		01.81- 01.81	110458	14	60	01.81- 01.81	110280	12	1.2
280ZX 2.8 GL	[L28E]	01.81- 01.83	110458	14	60	01.82- 01.83	110280	12	1.2
300 ZX 3.0	[VG30]	01.84- 01.89	112208#	14	70	01.84- 01.89	111450	12	1.4
		01.84- 01.89	112970	14	70				
	[VG30DE]	01.90- 01.96	112971#	14	80	01.90- 01.96	113041#	12	1.4
		01.96- 01.96	113421#	14	80				
300 ZX 3.0 Turbo	[VG30DETT]	01.90- 01.96	111966#	14	90	01.90- 01.96	113041#	12	1.4
		01.96- 01.96	113421#	14	80				
	[VG30T]	01.84- 01.89	112208#	14	70	01.84- 01.89	111450	12	1.4
Almera 1.6	(N15)[GA16DE]					02.95- 03.00	111459	12	1.2
Altima 2.4	[KA24DE]	01.93- 01.93	111264	14	80	01.93- 01.93	112844#	12	1.4
		01.98- 01.99	113373	14	100				
Altima 2.4 GLE	[KA24DE]	01.93- 01.97	111264	14	80	01.93- 01.97	112844#	12	1.4
		01.95- 01.97	113426#	14	80				
Altima 2.4 GXE	[KA24DE]	01.93- 01.97	111264	14	80	01.93- 01.97	112844#	12	1.4
		01.95- 01.97	113426#	14	80				
Altima 2.4 SE	[KA24DE]	01.93- 01.97	111264	14	80	01.93- 01.97	112844#	12	1.4
		01.95- 01.97	113426#	14	80				
Altima 2.4 XE	[KA24DE]	01.93- 01.97	111264	14	80	01.93- 01.97	112844#	12	1.4
		01.95- 01.97	113426#	14	80				
Axxess 2.4	[KA24E]	01.90- 01.90	111264	14	80	01.90- 01.90	111488#	12	1.4
Axxess 2.4 4WD	[KA24E]	01.91- 01.91	111264	14	80				
B210 1.3	[A13]					01.74- 01.74	110142	12	1.0
B210 1.4	[A14]	01.75- 01.78	110129	14	50	01.75- 01.78	110142	12	1.0
		01.90- 01.93	112972#	14	60	01.90- 01.93	112982	12	0.8
D21 2.4	[KA24E]					01.90- 01.93	111485	12	1.2
						01.90- 01.93	112985#	12	1.2
						01.86- 01.89	110277	12	0.8
	[Z24]	01.86- 01.89	112967	14	50	01.86- 01.89	110308#	12	1.0
D21 3.0	[VG30]	01.86- 01.89	112968	14	60	01.86- 01.89	110309	12	1.0
	[VG30E]	01.90- 01.93	111266	14	70	01.90- 01.93	111762#	12	1.4
D21 3.0 SE	[VG30E]	01.91- 01.93	111266	14	70	01.91- 01.93	111763	12	1.2
						01.91- 01.93	111763	12	1.2
F 10 1.4	[A14]	01.76- 01.78	110129	14	50	01.76- 01.78	110142	12	1.0
Frontier 2.4	[KA24DE]	01.98- 01.03	113197	14	60	01.98- 01.01	113037#	12	0.9
						01.98- 01.01	112368	12	1.4
Frontier 3.3	[VG33E]	01.99- 01.02	113427#	14	80				
Frontier 3.3 Super	[VG33ER]	01.01- 01.02	113427#	14	80				
Maxima 2.4	[L24E]	01.82- 01.84	110458	14	60	01.82- 01.84	110280	12	1.2
Maxima 2.6	[L26E]					01.82- 01.83	110478	12	1.8
						01.89- 01.91	110203	12	1.4
Maxima 3.0	[VG30E]	01.85- 01.91	111265#	14	90	01.85- 01.88	112983#	12	1.4
		01.85- 01.88	112208#	14	70				
Maxima 3.0 GLE	[VG30DE]	01.99- 01.99	111381	14	110	01.99- 01.01	111382	12	1.4
	[VG30DE]	10.94- 01.97	111381	14	110	01.95- 01.98	111382	12	1.4
		01.95- 01.97	113161	14	125				
Maxima 3.0 GXE	[VG30E]	01.92- 01.94	111265#	14	90	01.92- 01.94	111023	12	1.4
	[VG30DE]	01.95- 01.97	111381	14	110	01.95- 01.98	111382	12	1.4
Maxima 3.0 SE	[VE30DE]	01.92- 01.94	111023	12	1.4	01.92- 01.94	111023	12	1.4
		01.92- 01.94	113614#	12	1.7				
	[VG30DE]	01.95- 01.98	111381	14	110	01.95- 01.98	111382	12	1.4
NX 1.6	[GA16DE]	01.91- 01.93	110631	14	70	01.91- 01.93	111080#	12	1.4
						01.91- 01.93	111312	12	0.8
NX 2.0	[SR20DE]	01.91- 01.93	111264	14	80	01.91- 01.93	111459	12	1.2
						01.91- 01.93	111080#	12	1.4
						01.91- 01.93	111608	12	1.4
Pathfinder 2.4	[Z24]	01.87- 01.89	112967	14	50				
Pathfinder 3.0	[VG30E]	01.91- 01.92	111266	14	70	01.91- 01.92	111763	12	1.2
	[VG30I]	01.87- 01.89	112968	14	60	01.87- 01.89	111762#	12	1.4
Pathfinder 3.0 LE	[VG30E]	01.94- 01.95	111266	14	70	01.94- 01.95	111763	12	1.2
Pathfinder 3.0 SE	[VG30E]	01.90- 01.95	111266	14	70	01.90- 01.95	111763	12	1.2
Pathfinder 3.0 XE	[VG30E]	01.90- 01.95	111266	14	70	01.90- 01.95	111763	12	1.2
Pathfinder 3.3	[VG33E]					01.98- 01.00	113045	12	1.4
Pathfinder 3.3 LE	[VG33E]					01.96- 01.97	113045	12	1.4
Pathfinder 3.3 SE	[VG33E]					01.96- 01.97	113045	12	1.4
Pathfinder 3.3 XE	[VG33E]					01.96- 01.97	113045	12	1.4
Pick Up 2.4	[KA24E]	04.92- 05.95	111958#	14	60	01.96- 01.97	113037#	12	0.9
						01.94- 01.94	111485	12	1.2
						01.96- 01.97	112368	12	1.4
						01.94- 01.94	112982	12	0.8
Pick Up 2.4 SE	[KA24E]					01.94- 01.94	112982	12	0.8
						01.96- 01.97	112368	12	1.4
Pick Up 2.4 Short Bed E	[KA24E]					01.96- 01.97	113037#	12	0.9
						01.95- 01.95	111485	12	1.2
						01.95- 01.95	112982	12	0.8
Pick Up 2.4 Short Bed XE	[KA24E]					01.95- 01.95	112982	12	0.8
						01.95- 01.95	112985#	12	1.2
Pick Up 2.4 XE	[KA24E]	01.94- 01.95	111958#	14	60	01.95- 01.97	111485	12	1.2
						01.95- 01.97	112982	12	0.8
						01.95- 01.97	112985#	12	1.2
						01.96- 01.97	113037#	12	0.9
Pick Up 3.0	[VG30E]	01.94- 01.94	111266	14	70	01.94- 01.94	111763	12	1.2
		01.94- 01.94	111958#	14	60				
	[VG30E]	01.94- 01.95	111266	14	70	01.94- 01.95	111763	12	1.2
Pick Up 3.0 SE	[VG30E]	01.94- 01.95	111958#	14	60				
		01.94- 01.95	111266	14	70	01.94- 01.95	111763	12	1.2
Pick Up 3.0 XE	[VG30E]	01.94- 01.95	111266	14	70				
		01.94- 01.95	111958#	14	60	01.94- 01.95	111763	12	1.2
Pulsar 1.6	[E16]	01.83- 01.83	110383#	14	65	01.83- 01.83	112984	12	1.2
Pulsar NX 1.5 Turbo	[E15T]	01.83- 01.84	110307	14	60	01.83- 01.83	110279	12	0.8

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Pulsar NX 1.6	[E16]	01.83- 01.86	110383#	14	65	01.83- 01.86	110279	12	0.8
	[GA16i]	01.90- 01.90	110631	14	70	01.90- 01.90	111312	12	0.8
Pulsar NX 1.6 SE	[CA16DE]	01.87- 01.87	110630	14	70	01.90- 01.90	111459	12	1.2
Pulsar NX 1.6 XE	[E16i]	01.87- 01.88	110693	14	60	01.87- 01.88	112984	12	1.2
	[GA16i]	01.89- 01.90	110631	14	70	01.87- 01.88	110279	12	0.8
Pulsar NX 1.8 SE	[CA18DE]	01.88- 01.89	110630	14	70	01.89- 01.90	111459	12	1.2
Quest 3.0 GXE	[VG30E]	01.93- 01.95	113368#	14	110	01.89- 01.90	111312	12	0.8
		01.96- 01.98	113369#	14	110	01.88- 01.89	111563	12	1.4
Quest 3.0 XE	[VG30E]	01.93- 01.95	113368#	14	110	01.93- 01.98	113136	12	2.0
		01.96- 01.98	113369#	14	110	01.93- 01.98	113614#	12	1.7
Quest 3.3	[VG33E]	01.99- 01.02	113370#	14	125	01.93- 01.98	113136	12	2.0
Sentra 1.5	[E15S]	01.82- 01.83	110383#	14	65	01.99- 01.02	113136	12	2.0
Sentra 1.6	[E16]	01.83- 01.84	110383#	14	65	01.82- 01.83	110279	12	0.8
		01.85- 01.85	110307	14	60	01.83- 01.84	110279	12	0.8
		01.87- 01.98	113371	14	80	01.85- 01.85	112984	12	1.2
	[E16i]	01.87- 01.88	110693	14	60	01.91- 01.94	111080#	12	1.4
						01.87- 01.88	112984	12	1.2
	[E16S]	01.86- 01.87	110307	14	60	01.87- 01.88	110279	12	0.8
		01.86- 01.88	110693	14	60	01.88- 01.88	110279	12	0.8
	[GA16DE]	01.91- 01.94	110631	14	70	01.86- 01.88	112984	12	1.2
		01.98- 01.98	113371	14	80	01.91- 01.99	111459	12	1.2
						01.91- 01.99	111312	12	0.8
Sentra 1.6 4WD	[GA16i]	01.89- 01.90	110631	14	70	01.91- 01.94	111080#	12	1.4
Sentra 1.6 E	[GA16DE]	01.93- 01.94	110631	14	70	01.89- 01.90	111459	12	1.2
Sentra 1.6 GLE	[GA16DE]					01.90- 01.90	111312	12	0.8
Sentra 1.6 GXE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.96	111312	12	0.8
Sentra 1.6 LE	[GA16DE]	01.94- 01.94	110631	14	70	01.93- 01.96	111080#	12	1.4
Sentra 1.6 SE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.97	111312	12	0.8
Sentra 1.6 XE	[GA16DE]	01.93- 01.94	110631	14	70	01.95- 01.97	111459	12	1.2
Sentra 1.7	[CD17]	01.83- 01.86	110457#	14	60	01.93- 01.97	111459	12	1.2
Sentra 1.8	[QG18DE]	01.00- 01.00	113372	14	100	01.93- 01.94	111080#	12	1.4
Sentra 2.0	[SR20DE]	01.00- 01.01	113419	14	100	01.93- 01.94	111080#	12	1.4
Sentra 2.0 SE-R	[SR20DE]	01.91- 01.94	111264	14	80	01.93- 01.97	111459	12	1.2
Stanza 2.0	[CA20E]	01.86- 01.89	110630	14	70	01.91- 01.94	111080#	12	1.4
						01.91- 01.94	111608	12	1.4
						01.86- 01.89	111465	12	0.8
						01.86- 01.89	110278	12	0.8
	[CA20S]	01.82- 01.83	110278	14	80	01.86- 01.89	110480	12	1.2
Stanza 2.0 GL	[CA20E]				01.82- 01.83	110393	12	0.8	
Stanza 2.0 XE	[CA20E]				01.82- 01.83	111444	12	1.2	
Stanza 2.4	[KA24E]	01.90- 01.92	111264	14	80	01.84- 01.85	110278	12	0.8
Van 2.4	[Z24i]				01.84- 01.85	110480	12	1.2	
Xterra 2.4	[KA24DE]	01.00- 01.02	113197	14	60	01.84- 01.85	111444	12	1.2
Xterra 3.3	[VG33E]	01.00- 01.02	113427#	14	80	01.84- 01.85	110278	12	0.8
Xterra 3.3 Super	[VG33ER]	01.02- 01.02	113427#	14	80	01.90- 01.92	111498#	12	1.4
<b>PASSENGER CARS AO</b>									
Bluebird 1.6	(T72_ T12)[CA16S]					01.87- 01.88	112982	12	0.8
Bluebird 1.8 Turbo	(WU11)[CA18ET]					01.87- 01.88	110249	12	0.8
Bluebird 2.0 LX	(T72_ T12)[CA20S]					01.00- 01.01	112368	12	1.4
Laurel 2.0 GL	(JC31)[CA20S]					01.00- 01.00	113037#	12	0.9
Laurel 2.0 Diesel	(JC32)[CA20S]								
Navara 2.5 DCI	(D40)	12.05-	114244	14	130				
Navara 2.5 DCI 4x4	(D40)	08.08-	114244	14	130				
Pathfinder 2.4		01.87- 12.88	112967	14	50				
Pathfinder 2.5 DCI	(R51)	01.05-	114244	14	130	01.05-	114232	12	2.0
Patrol 2.8 Diesel 4x4	(K160)[A428]	08.95-	111871#	14	80				
		08.95-	111871#	14	80				
	(K260)[A428]	08.95-	111871#	14	80				
	[A428T]	08.95-	111871#	14	80				
	[RD28]	08.95-	111871#	14	80				
		08.95-	111871#	14	80				
	(W160)[A428]	08.95-	111871#	14	80				
		08.95-	111871#	14	80				
	(W260)[A428]	08.95-	111871#	14	80				
		08.95-	111871#	14	80				
Patrol 2.8 TD 4x4	(K160)[A428T]	08.95-	111871#	14	80				
	(K260)[A428T]	08.95-	111871#	14	80				
	(W160)[A428T]	08.95-	111871#	14	80				
	(W260)[A428T]	08.95-	111871#	14	80				
Quest 3.0	(V40)[VG30E]	01.88-	111434#	14	80	01.93- 09.98	113136	12	2.0
Silvia 1.8 Turbo	(B11)[E15]					03.82- 05.86	110279	12	0.8
Sunny 1.5	(E23)								
Urvan 1.8	(E24)[LD20]	04.92-	112092#	14	70				
Urvan 2.0 Diesel									
<b>TRUCKS EU</b>									
45.15 3.0 Diesel	(F24)[ZD30]	10.06-	113993	14	135				
Cabstar 1.6	(F22)[Z16]					10.86- 09.92	110277	12	0.8
Cabstar 2.0	(F22)[Z20]					A13 12.88- 06.92	111566#	12	1.2
Cabstar 2.0 TD	(F22)[LD20T]					01.86- 12.88	110277	12	0.8
Cabstar 2.3 Diesel	(F22)[SD23]					01.82- 06.92	110309	12	0.8
	[TD23]	10.86- 06.92	110701	14	50	12.81- 06.92	111805	12	2.5
		10.86- 06.92	111316	14	60	12.81- 06.92	111805	12	2.5
Cabstar 2.5 Diesel	(F22)[SD25]	05.82- 10.86	110702	14	70	02.83- 02.86	110386	12	1.9
	[TD25]	10.86- 06.92	110701	14	50	02.86- 12.90	110719	12	2.0
Cabstar 2.7 Diesel	(F22)[TD27]	10.86- 06.92	110701	14	50	10.82- 06.92	111805	12	2.5
		10.86- 10.88	111316	14	60	02.83- 12.90	111805	12	2.5
Cabstar 3.3 Diesel	(F22)[ED33]					12.81- 12.90	113210	24	3.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**NISSAN** *Continued*

Cabstar 5.7	(1120)[FD6]					04.85-	110616	24	4.5
	(1220)[FD6]					04.85-	110616	24	4.5
	(815)[FE6]					04.85-	110616	24	4.5
	(818)[FE6]					04.85-	113675	24	4.0
Cabstar E 110.45 3.0 TD	[BD-30TI]	10.98-	112330	14	55	10.98-	110574	12	2.0
		10.98-	112394	14	70				
		10.98-	113291	14	55				
Cabstar E 120.35 3.0 TD	[BD-30TI]	10.98-	112330	14	55	10.98-	110574	12	2.0
		10.98-	112394	14	70				
		10.98-	113291	14	55				
Cabstar E 90.32 2.7 Diesel	[TD27T]	10.98-	112330	14	55				
		10.98-	112394	14	70				
		10.98-	113291	14	55				
Cabstar E 90.32 3.0 TD	[BD-30TI]	10.98-	112330	14	55	10.98-	110574	12	2.0
		10.98-	112394	14	70				
		10.98-	113291	14	55				
E 120.45 3.0 TD	[BD-30TI]	10.98-	112330	14	55	10.98-	110574	12	2.0
		10.98-	112394	14	70				
		10.98-	113291	14	55				
ECO-T 100 3.0 TD	[BD-30TI]					04.93- 08.99	112365	12	2.2
UD520			114414	28	55				
Various Models 14.3 V8	[RD8]						114422	24	6.0
<b>FORK LIFTS</b>									
FD104							110155	12	1.0
							110256	12	0.8
FX	[Z24]						110415	12	1.4
GF 03	[SD33]					01.78-	110616	24	4.5
H15		01.94-	112069	14	50				
H20	[H20]	01.94-	112069	14	50				
H20S						01.86-	110415	12	1.4
H25	[PJ01]	01.95-	112069	14	50				
H30						01.90-	111108	12	1.2
Various Models			112068	14	35		110256	12	0.8
			113418	28	25		110386	12	1.9
							110617	12	1.2
							110572	12	1.2
							110420	12	1.4
						01.00-	111618	24	3.2
							114479	12	1.2
YE 03	[SD33]					01.80-	113675	24	4.0
YGF 03	[SD33]					01.80-	110616	24	4.5
						01.80-	113675	24	4.0
<b>NSU</b>									
<b>PASSENGER CARS EU</b>									
RO 80 1.0	[KKM]					10.67- 07.77	113705	12	1.7
<b>PASSENGER CARS US</b>									
RO 80 1.0		07.73- 08.77	112098	14	65				
<b>Oldsmobile</b>									
<b>PASSENGER CARS EU</b>									
Cutlass 2.8 V6 Supreme		09.88-	112637#	14	100/105	09.88-	112911	12	1.6
		09.87-	111389	14	100/105				
Cutlass 3.1 V6 Supreme		09.88-	111389	14	100/105				
		09.88-	112637#	14	100/105				
Cutlass 3.4 V6 Supreme		09.90-	110499	14	100/105				
		09.90-	112448	14	100				
		09.90-	112621#	14	100/105				
<b>PASSENGER CARS US</b>									
98 3.0 Regency		01.85- 01.85	110235	14	80	01.85- 01.85	110221	12	1.2
		01.85- 01.85	110492	14	108				
98 3.8 Regency		01.88- 01.94	112638#	14	100/105	01.85- 01.94	110221	12	1.2
		01.88- 01.94	111220	14	105				
		01.92- 01.94	112885#	14	140				
		01.87- 01.87	112878#	14	120				
98 3.8 Regency Brougham		01.86- 01.86	110235	14	80				
		01.85- 01.85	110492	14	108				
		01.88- 01.90	112638#	14	100/105	01.85- 01.90	110221	12	1.2
		01.88- 01.90	111220	14	105				
		01.87- 01.87	112878#	14	120				
98 3.8 Regency Elite		01.86- 01.86	110235	14	80				
		01.85- 01.85	110492	14	108				
		01.85- 01.85	110492	14	108				
		01.91- 01.94	112638#	14	100/105	01.91- 01.95	110221	12	1.2
98 3.8 Regency Touring		01.95- 01.95	112892#	14	124	01.96- 01.96	112898	12	1.6
		01.91- 01.94	112638#	14	100/105				
98 3.8 Regency Touring		01.91- 01.94	111220	14	105				
		01.91- 01.94	112885#	14	140				
		01.88- 01.93	112638#	14	100/105	01.88- 01.93	110221	12	1.2
98 3.8 Super Regency Elite		01.88- 01.93	111220	14	105				
		01.91- 01.93	112885#	14	140				
						01.95- 01.95	112898	12	1.6
98 3.8 Super Regency Touring		01.94- 01.94	112638#	14	100/105	01.94- 01.94	110221	12	1.2
		01.94- 01.94	111220	14	105				
98 3.8 Super Regency Touring		01.94- 01.94	113160#	14	105				
		01.92- 01.93	112638#	14	100/105	01.92- 01.93	112898	12	1.6
98 4.1		01.92- 01.93	111220	14	105				
		01.81- 01.81	110235	14	80	01.81- 01.81	110217		
98 4.1 Regency		01.81- 01.81	110505	14	75				
		01.81- 01.83	110235	14	80	01.81- 01.83	110217		
98 4.1 Regency Brougham		01.81- 01.83	110505	14	75				
		01.82- 01.83	110235	14	80	01.82- 01.83	110217		
98 4.3 Regency		01.82- 01.83	110505	14	75				
98 4.3 Regency Brougham		01.85- 01.85	110505	14	75				
98 5.0		01.85- 01.85	110505	14	75				
		01.80- 01.81	110505	14	75				
98 5.0 Regency		01.80- 01.81	110235	14	80				
		01.84- 01.84	110508	14	78				
		01.80- 01.83	110505	14	75				
98 5.0 Regency Brougham		01.80- 01.83	110235	14	80				
		01.84- 01.84	110508	14	78				
		01.82- 01.83	110505	14	75				
98 5.7		01.82- 01.83	110235	14	80				
		01.77- 01.80	110234	14	80	01.77- 01.80	110218	12	
		01.72- 01.80	110505	14	75	01.72- 01.73	110217		
98 5.7 Regency		01.72- 01.73	110233	14	63				
		01.73- 01.80	110505	14	75	01.77- 01.80	110218	12	
		01.77- 01.80	110234	14	80	01.73- 01.73	110217		



98 5.7		01.78- 01.81	110505	14	75			01.78- 01.81	110220	12
		01.80- 01.81	110235	14	80					
		01.78- 01.79	110234	14	80					
98 5.7 Regency		01.84- 01.84	110508	14	78			01.78- 01.82	110220	12
		01.78- 01.83	110505	14	75					
		01.83- 01.83	110471	14	94					
		01.80- 01.82	110235	14	80					
		01.78- 01.79	110234	14	80					
98 5.7 Regency Brougham		01.84- 01.84	110508	14	78					
		01.82- 01.83	110235	14	80					
		01.82- 01.83	110505	14	75					
98 6.5		01.60- 01.64	110215#	14	90					
		01.60- 01.64	110075	14	60					
98 6.6		01.75- 01.79	110505	14	75			01.75- 01.79	110218	12
		01.75- 01.79	110234	14	80					
98 6.6 Regency		01.75- 01.79	110505	14	75			01.75- 01.79	110218	12
		01.75- 01.79	110234	14	80					
98 7.0		01.65- 01.67	110215#	14	90			01.65- 01.67	110218	12
		01.65- 01.67	110075	14	60					
98 7.0 Holiday		01.65- 01.67	110215#	14	90			01.65- 01.67	110218	12
		01.65- 01.67	110075	14	60					
98 7.5		01.72- 01.76	110505	14	75			01.68- 01.76	110218	12
		01.72- 01.76	110233	14	63					
		01.68- 01.71	110215#	14	90					
		01.68- 01.71	110075	14	60					
98 7.5 Regency		01.73- 01.76	110505	14	75			01.73- 01.76	110218	12
442 5.7		01.68- 01.70	110215#	14	90			01.68- 01.70	110217	
		01.68- 01.70	110075	14	60					
		01.68- 01.70	110233	14	63					
		01.68- 01.70	110505	14	75					
442 6.6		01.65- 01.69	110215#	14	90			01.65- 01.69	110218	12
		01.65- 01.69	110075	14	60					
442 7.5		01.68- 01.71	110215#	14	90			01.68- 01.71	110218	12
		01.68- 01.71	110075	14	60					
		01.68- 01.71	110233	14	63					
		01.68- 01.71	110505	14	75					
Achieva 2.3 S		01.92- 01.95	112620							
Achieva 2.3 SC										
Achieva 2.3 SL								01.92- 01.95	114136#	12
Achieva 2.3 W44		01.92- 01.95	112620							
Achieva 2.4	[LD9]	01.96- 01.97	114138	14	105					
		01.98- 01.98	114138	14	105					
Achieva 2.4 SC		01.96- 01.97	114138	14	105					
Achieva 2.4 SL		01.96- 01.97	114138	14	105					
Achieva 3.1	[L82]	01.94- 01.95	112642#	14	100/105					
Achieva 3.1 S		01.94- 01.95	112642#	14	100/105			01.98- 01.98	112911	12 1.6
Achieva 3.1 SC								01.94- 01.95	112911	12 1.6
		01.94- 01.95	112642#	14	100/105			01.94- 01.97	112911	12 1.6
Achieva 3.1 SL								01.94- 01.97	112911	12 1.6
		01.94- 01.95	112642#	14	100/105					
Achieva 3.3 S		01.92- 01.93	111390#	14	100/105			01.92- 01.93	110221	12 1.2
Achieva 3.3 SL		01.92- 01.93	111390#	14	100/105			01.92- 01.93	110221	12 1.2
Achieva 3.3 W44		01.92- 01.93	111390#	14	100/105			01.92- 01.93	110221	12 1.2
Alero 2.4		01.99- 01.01	112868	14	102			01.99- 01.01	112907	12 1.7
Alero 3.4								01.99- 01.00	112900	12 1.4
Aurora 3.5								01.01- 01.02	112908#	12 1.7
Aurora 4.0		01.99- 01.99	112980	14	140			01.95- 01.02	112904	12 1.7
Bravada 4.2		01.02- 01.03	114141	14	150			01.02- 01.03	112905	12 1.6
Bravada 4.3		01.01- 01.01	114139	14	100			01.01- 01.01	112241	12 1.5
		01.94- 01.95	112613	14	105			01.96- 01.00	112240	12 1.7
		01.98- 01.00	112665	14	100			01.91- 01.94	111034	12 1.2
		01.91- 01.94	110500	14	100/105					
Calais 2.3		01.87- 01.87	112620							
		01.87- 01.87	112621#	14	100/105					
		01.87- 01.87	112448	14	100					
		01.87- 01.87	112624							
		01.87- 01.87	110499	14	100/105					
Calais 2.5		01.85- 01.87	110471	14	94					
Calais 2.5 Supreme		01.85- 01.87	110471	14	94					
Calais 3.0		01.87- 01.87	110502	14	100/105			01.85- 01.87	110221	12 1.2
		01.85- 01.86	110471	14	94					
Calais 3.0 Supreme		01.87- 01.87	110502	14	100/105			01.85- 01.87	110221	12 1.2
		01.85- 01.86	110471	14	94					
Ciera 2.2 SL		01.95- 01.96	110500	14	100/105			01.95- 01.96	112911	12 1.6
Ciera 3.1 Cruiser SL		01.95- 01.95	112642#	14	100/105			01.95- 01.95	112911	12 1.6
Ciera 3.1 SL		01.95- 01.96	112642#	14	100/105			01.95- 01.96	112911	12 1.6
Custom Cruiser 5.0		01.91- 12.91	110500	14	100/105			01.91- 01.92	112913#	12 1.4
		01.91- 01.92	112629	14	100/105					
		01.91- 01.92	112640	14	100/105					
		01.84- 01.90	110508	14	78					
		01.80- 01.83	110235	14	80					
		01.80- 01.83	110505	14	75					
Custom Cruiser 5.7		01.92- 01.92	112640	14	100/105			01.92- 01.92	110216	12 1.4
		01.73- 01.80	110505	14	75			01.77- 01.80	110218	12
		01.77- 01.80	110234	14	80			01.73- 01.73	110217	
		01.91- 01.92	112629	14	100/105					
Custom Cruiser 5.7		01.84- 01.85	110471	14	94			01.78- 01.81	110220	12
		01.84- 01.85	110508	14	78					
		01.78- 01.83	110505	14	75					
		01.80- 01.83	110235	14	80					
		01.78- 01.79	110234	14	80					
Custom Cruiser 6.6		01.75- 01.79	110505	14	75			01.75- 01.79	110218	12
		01.75- 01.79	110234	14	80					
Custom Cruiser 7.5		01.71- 01.76	110505	14	75			01.71- 01.76	110218	12
		01.72- 01.76	110233	14	63					
		01.71- 01.71	110215#	14	90					
		01.71- 01.71	110075	14	60					
Cutlass 2.2 Ciera Cruiser S								01.93- 01.93	112911	12 1.6
Cutlass 2.2 Ciera S		01.93- 01.93	110500	14	100/105			01.93- 01.94	112911	12 1.6
Cutlass 2.3 Calais		01.93- 01.94	110500	14	100/105					
		01.88- 01.91	112620							
		01.88- 01.91	112621#	14	100/105					
		01.88- 01.91	112448	14	100					
		01.88- 01.91	112624							
		01.88- 01.91	110499	14	100/105					
Cutlass 2.3 Calais International		01.88- 01.91	112620							
		01.88- 01.91	112621#	14	100/105					
		01.88- 01.91	112448	14	100					
		01.88- 01.91	112624			12199317				
		01.88- 01.91	110499	14	100/105					





Application list

OLDSMOBILE Continued

Cutlass 2.3 Calais S	01.89-01.91	112620					
	01.89-01.91	112621#	14	100/105			
	01.89-01.91	112448	14	100			
	01.89-01.91	112624					
Cutlass 2.3 Calais SL	01.89-01.91	110499	14	100/105			
	01.88-01.91	112620			01.88-01.91	114136#	12
	01.88-01.91	112621#	14	100/105			
	01.88-01.91	112448	14	100			
Cutlass 2.3 Supreme	01.88-01.91	110499	14	100/105			
	01.90-01.91	112620					
Cutlass 2.3 Supreme International	01.90-01.90	112620					
Cutlass 2.5 Calais							
Cutlass 2.5 Calais S							
Cutlass 2.5 Calais SL							
Cutlass 2.5 Ciera	01.82-01.82	110235	14	80	01.86-01.92	110221	12 1.2
	01.82-01.92	110505	14	75			
	01.83-01.92	110471	14	94			
	01.82-01.86	110505	14	75	01.87-01.88	110221	12 1.2
Cutlass 2.5 Ciera Brougham	01.82-01.82	110235	14	80			
	01.87-01.88	112621#	14	100/105			
	01.87-01.88	112448	14	100			
	01.87-01.88	112624					
	01.87-01.88	110499	14	100/105			
	01.83-01.86	110471	14	94			
	01.87-01.90	112621#	14	100/105	01.84-01.90	110221	12 1.2
Cutlass 2.5 Ciera Cruiser	01.87-01.90	112448	14	100	01.84-01.86	112911	12 1.6
	01.87-01.90	112624					
	01.87-01.90	110499	14	100/105			
	01.84-01.86	110471	14	94			
	01.84-01.86	110505	14	75			
	01.87-01.88	112621#	14	100/105	01.87-01.88	110221	12 1.2
	01.87-01.88	112448	14	100			
Cutlass 2.5 Ciera Cruiser Brougham	01.87-01.88	112624					
	01.87-01.88	110499	14	100/105			
	01.91-01.92	112621#	14	100/105	01.91-01.92	110221	12 1.2
	01.91-01.92	112448	14	100			
Cutlass 2.5 Ciera Cruiser S	01.91-01.92	112624					
	01.91-01.92	110499	14	100/105			
	01.89-01.89	112621#	14	100/105	01.89-01.89	110221	12 1.2
	01.89-01.89	112448	14	100			
Cutlass 2.5 Ciera Cruiser SL	01.89-01.89	112624					
	01.89-01.89	110499	14	100/105			
	01.82-01.85	110505	14	75			
	01.83-01.85	110471	14	94			
Cutlass 2.5 Ciera LS	01.82-01.82	110235	14	80			
	01.87-01.91	112621#	14	100/105	01.87-01.91	110221	12 1.2
	01.87-01.91	112448	14	100			
	01.87-01.91	112624					
Cutlass 2.5 Ciera S	01.87-01.91	110499	14	100/105			
	01.87-01.89	112621#	14	100/105	01.87-01.89	110221	12 1.2
	01.87-01.89	112448	14	100			
	01.87-01.89	112624					
Cutlass 2.5 Ciera SL	01.87-01.89	110499	14	100/105			
	01.87-01.89	112621#	14	100/105	01.87-01.89	110221	12 1.2
	01.87-01.89	112448	14	100			
	01.87-01.89	112624					
Cutlass 2.8 Ciera	01.87-01.89	110499	14	100/105			
	01.82-01.82	110505	14	75	01.86-01.89	112911	12 1.6
	01.82-01.89	110508	14	78			
	01.85-01.89	110492	14	108			
Cutlass 2.8 Ciera Brougham	01.86-01.89	110471	14	94			
	01.82-01.84	110505	14	75	01.83-01.88	112911	12 1.6
	01.82-01.88	110508	14	78			
	01.85-01.88	110471	14	94			
Cutlass 2.8 Ciera Cruiser	01.85-01.88	110492	14	108			
	01.86-01.89	110471	14	94	01.84-01.89	112911	12 1.6
	01.84-01.89	110508	14	78			
	01.86-01.89	110492	14	108			
Cutlass 2.8 Ciera Cruiser Brougham	01.84-01.85	110505	14	75			
	01.87-01.88	111388	14	100/105	01.87-01.88	112911	12 1.6
Cutlass 2.8 Ciera Cruiser SL	01.89-01.89	111388	14	100/105	01.89-01.89	112911	12 1.6
	01.82-01.85	110508	14	78	01.83-01.85	112911	12 1.6
Cutlass 2.8 Ciera LS	01.85-01.85	110471	14	94			
	01.85-01.85	110492	14	108			
	01.82-01.84	110505	14	75			
	01.87-01.87	111388	14	100/105	01.87-01.87	112911	12 1.6
Cutlass 2.8 Ciera S	01.87-01.89	111388	14	100/105	01.87-01.89	112911	12 1.6
Cutlass 2.8 Supreme	01.88-01.89	112637#	14	100/105	01.88-01.89	112911	12 1.6
	01.88-01.89	111389	14	100/105			
Cutlass 2.8 Supreme International	01.88-01.89	112637#	14	100/105	01.88-01.89	112911	12 1.6
	01.88-01.89	111389	14	100/105			
Cutlass 2.8 Supreme SL	01.88-01.89	112637#	14	100/105	01.88-01.89	112911	12 1.6
	01.88-01.89	111389	14	100/105			
Cutlass 3.0 Calais International	01.88-01.88	110502	14	100/105	01.88-01.88	110221	12 1.2
Cutlass 3.0 Calais SL	01.88-01.88	110502	14	100/105	01.88-01.88	110221	12 1.2
Cutlass 3.0 Ciera	01.82-01.82	110505	14	75	01.82-01.82	110221	12 1.2
	01.82-01.82	110235	14	80			
	01.83-	110471	14	94			
	01.82-01.85	110505	14	75	01.82-01.85	110221	12 1.2
Cutlass 3.0 Ciera Brougham	01.84-01.85	110492	14	108			
	01.82-01.85	110235	14	80			
	01.84-01.85	110505	14	75	01.84-01.85	110221	12 1.2
	01.84-01.85	110492	14	108			
Cutlass 3.0 Ciera Cruiser	01.84-01.85	110235	14	80			
	01.82-01.85	110235	14	80			
	01.82-01.85	110505	14	75	01.82-01.85	110221	12 1.2
	01.84-01.85	110492	14	108			
Cutlass 3.0 Ciera LS	01.84-01.85	110235	14	80			
	01.82-01.85	110235	14	80			
	01.82-01.85	110505	14	75	01.82-01.85	110221	12 1.2
	01.84-01.85	110492	14	108			
Cutlass 3.1	01.89-12.93	111389	14	100/105	01.97-01.99	112900	12 1.4
	01.97-01.99	112869	14	102			
	01.99-12.99	112892#	14	124			
Cutlass 3.1 Ciera Cruiser S	01.97-01.97	111392#	14	105			
	01.94-01.94	112642#	14	100/105	01.94-01.94	112911	12 1.6
	01.94-01.94	112642#	14	100/105	01.94-01.94	112911	12 1.6
	01.94-01.94	112642#	14	100/105	01.94-01.94	112911	12 1.6
Cutlass 3.1 Ciera S	01.94-01.94	112642#	14	100/105	01.94-01.94	112911	12 1.6
	01.94-01.94	112642#	14	100/105	01.94-01.94	112911	12 1.6
	01.97-01.97	111392#	14	105	01.97-01.97	112900	12 1.4
	01.97-01.97	112869	14	102			
Cutlass 3.1 Ciera SL	01.97-01.97	111392#	14	105			
	01.97-01.97	112869	14	102			
	01.94-01.95	111392#	14	105	01.89-01.95	112911	12 1.6
	01.89-01.93	112637#	14	100/105			
Cutlass 3.1 Supreme	01.89-01.93	111389	14	100/105			

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Cutlass 3.1 Supreme International	01.89- 01.93	112637#	14	100/105	01.89- 01.93	112911	12	1.6
	01.89- 01.93	111389	14	100/105				
	01.93- 01.94	111392#	14	105	01.92- 01.94	112911	12	1.6
Cutlass 3.1 Supreme S	01.92- 01.93	112637#	14	100/105				
	01.92- 01.93	111389	14	100/105				
Cutlass 3.1 Supreme SL					01.89- 01.97	112911	12	1.6
	01.95- 01.97	111392#	14	105				
	01.89- 01.91	112637#	14	100/105				
	01.89- 01.91	111389	14	100/105				
Cutlass 3.3 Calais S	01.89- 01.89	112857			01.89- 01.89	110221	12	1.2
Cutlass 3.3 Calais SL	01.89- 01.91	112857			01.89- 01.91	110221	12	1.2
Cutlass 3.3 Clera	01.89- 01.92	111486#	14	105	01.89- 01.92	110221	12	1.2
Cutlass 3.3 Clera Cruiser	01.89- 01.90	111486#	14	105	01.89- 01.90	110221	12	1.2
Cutlass 3.3 Clera Cruiser S	01.91- 01.93	111486#	14	105	01.91- 01.93	110221	12	1.2
Cutlass 3.3 Clera Cruiser SL	01.89- 01.93	111486#	14	105	01.89- 01.93	110221	12	1.2
Cutlass 3.3 Clera International	01.89- 01.90	111486#	14	105	01.89- 01.90	110221	12	1.2
Cutlass 3.3 Clera S	01.90- 01.93	111486#	14	105	01.90- 01.93	110221	12	1.2
Cutlass 3.3 Clera SL	01.89- 01.93	111486#	14	105	01.89- 01.93	110221	12	1.2
Cutlass 3.4 Supreme	01.91- 01.95	112620						
Cutlass 3.4 Supreme International	01.91- 01.93	112620						
Cutlass 3.4 Supreme S	01.92- 01.94	112621#	14	100/105				
	01.92- 01.94	112448	14	100				
	01.92- 01.94	112624						
	01.92- 01.94	110499	14	100/105				
Cutlass 3.4 Supreme SL					01.96- 01.96	112898	12	1.6
	01.91- 01.95	112620						
Cutlass 3.5	01.62- 01.63	110215#	14	90				
	01.62- 01.63	110075	14	60				
Cutlass 3.8	01.77- 01.81	110234	14	80	01.80- 01.81	110217		
	01.77- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 3.8 Brougham	01.80- 01.81	110505	14	75	01.80- 01.81	110217		
	01.80- 01.81	110235	14	80				
Cutlass 3.8 Calais	01.82- 01.84	110235	14	80	01.78- 01.84	110217		
	01.78- 01.84	110505	14	75				
Cutlass 3.8 Clera	01.85- 01.85	110505	14	75	01.86- 01.88	110221	12	1.2
	01.85- 01.85	110492	14	108				
	01.85- 01.85	110471	14	94				
Cutlass 3.8 Clera Brougham	01.87- 01.88	112449#	14	105	01.84- 01.88	110221	12	1.2
	01.87- 01.88	112632#	14	100/105				
	01.87- 01.88	111090	14	105				
	01.84- 01.85	110492	14	108				
	01.84- 01.85	110471	14	94				
	01.84- 01.85	110505	14	75				
Cutlass 3.8 Clera Cruiser	01.87- 01.88	112449#	14	105	01.84- 01.88	110221	12	1.2
	01.87- 01.88	112632#	14	100/105				
	01.87- 01.88	111090	14	105				
	01.84- 01.85	110505	14	75				
	01.84- 01.85	110471	14	94				
	01.84- 01.85	110492	14	108				
Cutlass 3.8 Clera Cruiser Brougham	01.87- 01.88	112449#	14	105	01.87- 01.88	110221	12	1.2
	01.87- 01.88	112632#	14	100/105				
	01.87- 01.88	111090	14	105				
Cutlass 3.8 Clera International	01.88- 01.88	112449#	14	105	01.88- 01.88	110221	12	1.2
	01.88- 01.88	112632#	14	100/105				
	01.88- 01.88	111090	14	105				
Cutlass 3.8 Clera LS	01.84- 01.85	110492	14	108	01.84- 01.85	110221	12	1.2
	01.84- 01.85	110471	14	94				
	01.84- 01.85	110505	14	75				
Cutlass 3.8 Clera S	01.87- 01.87	112449#	14	105	01.87- 01.87	110221	12	1.2
	01.87- 01.87	112632#	14	100/105				
	01.87- 01.87	111090	14	105				
Cutlass 3.8 Clera SL	01.87- 01.88	112449#	14	105	01.87- 01.88	110221	12	1.2
	01.87- 01.88	112632#	14	100/105				
	01.87- 01.88	111090	14	105				
Cutlass 3.8 Cruiser	01.83- 01.83	110235	14	80	01.78- 01.83	110217		
	01.78- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Cutlass 3.8 Cruiser Brougham	01.80- 01.81	110505	14	75	01.80- 01.81	110217		
	01.80- 01.81	110235	14	80				
Cutlass 3.8 LS	01.80- 01.81	110505	14	75	01.80- 01.81	110217		
	01.80- 01.81	110235	14	80				
Cutlass 3.8 S	01.77- 01.77	110505	14	75	01.77- 01.77	110217		
	01.77- 01.77	110234	14	80				
Cutlass 3.8 Salon	01.78- 01.87	110505	14	75	01.78- 01.87	110217		
	01.85- 01.87	110235	14	80				
	01.85- 01.87	110471	14	94				
Cutlass 3.8 Salon Brougham	01.78- 01.80	110505	14	75	01.78- 01.80	110217		
Cutlass 3.8 Supreme	01.82- 01.87	110235	14	80	01.77- 01.87	110217		
	01.77- 01.87	110505	14	75				
	01.77- 01.77	110234	14	80				
Cutlass 3.8 Supreme Brougham	01.82- 01.87	110235	14	80	01.77- 01.87	110217		
	01.77- 01.87	110505	14	75				
	01.77- 01.77	110234	14	80				
Cutlass 4.1	01.75- 01.75	110505	14	75	01.68- 01.75	110217		
	01.68- 01.71	110215#	14	90	01.75- 01.75	110216	12	1.4
	01.68- 01.71	110075	14	60				
Cutlass 4.1 S	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
	01.71- 01.71	110215#	14	90	01.71- 01.76	110217		
	01.71- 01.71	110075	14	60				
Cutlass 4.1 Supreme	01.75- 01.76	110505	14	75	01.75- 01.76	110217		
					01.75- 01.76	110216	12	1.4
Cutlass 4.1 Supreme Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12	1.4
					01.76- 01.76	110217		
	01.75- 01.81	110505	14	75	01.75- 01.75	110217		
	01.77- 01.77	110234	14	80				
	01.80- 01.81	110235	14	80				
Cutlass 4.3 Brougham	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 4.3 Calais	01.78- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
	01.78- 01.81	110234	14	80				
Cutlass 4.3 Cruiser	01.78- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
	01.78- 01.81	110234	14	80				
Cutlass 4.3 Cruiser Brougham	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 4.3 LS	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Cutlass 4.3 S	01.75- 01.77	110505	14	75	01.75- 01.77	110217		
Cutlass 4.3 Salon	01.75- 01.80	110505	14	75	01.75- 01.79	110217		
	01.80- 01.80	110235	14	80				
Cutlass 4.3 Salon Brougham	01.78- 01.80	110234	14	80				
	01.78- 01.80	110505	14	75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

OLDSMOBILE Continued

Cutlass 4.3 Supreme	01.75- 01.82	110505	14	75	01.75- 01.79	110217		
	01.80- 01.82	110235	14	80				
Cutlass 4.3 Supreme Brougham	01.80- 01.82	110235	14	80	01.76- 01.79	110217		
	01.76- 01.82	110505	14	75				
Cutlass 4.3 Calais	01.84- 01.84	110471	14	94	01.79- 01.79	110220	12	
	01.79- 01.83	110505	14	75				
	01.79- 01.83	110233	14	63				
	01.82- 01.83	110235	14	80				
	01.79- 01.79	110234	14	80				
Cutlass 4.3 Ciera	01.82- 01.82	110233	14	63				
	01.82- 01.82	110235	14	80				
	01.82- 01.82	110505	14	75				
Cutlass 4.3 Ciera Brougham	01.82- 01.85	110233	14	63				
	01.84- 01.85	110471	14	94				
	01.82- 01.85	110505	14	75				
Cutlass 4.3 Ciera Cruiser	01.82- 01.83	110235	14	80				
	01.84- 01.85	110233	14	63				
	01.84- 01.85	110471	14	94				
Cutlass 4.3 Ciera LS	01.84- 01.85	110505	14	75				
	01.82- 01.85	110233	14	63				
	01.84- 01.85	110471	14	94				
	01.82- 01.85	110505	14	75				
Cutlass 4.3 Cruiser	01.82- 01.83	110235	14	80				
	01.79- 01.79	110234	14	80	01.79- 01.79	110220	12	
	01.79- 01.79	110505	14	75				
Cutlass 4.3 Salon	01.79- 01.79	110233	14	63				
	01.79- 01.79	110505	14	75	01.79- 01.79	110220	12	
	01.79- 01.79	110234	14	80				
Cutlass 4.3 Supreme	01.79- 01.79	110233	14	63				
	01.84- 01.84	110471	14	94	01.79- 01.79	110220	12	
	01.79- 01.83	110505	14	75				
	01.79- 01.83	110233	14	63				
	01.82- 01.83	110235	14	80				
Cutlass 4.3 Supreme Brougham	01.79- 01.79	110234	14	80				
	01.84- 01.85	110471	14	94	01.79- 01.79	110220	12	
	01.79- 01.83	110505	14	75				
	01.79- 01.83	110233	14	63				
Cutlass 4.4 Brougham	01.82- 01.83	110235	14	80				
	01.79- 01.79	110234	14	80				
	01.81-	110235	14	80				
	01.81-	110505	14	75				
Cutlass 4.4 Calais	01.82- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
Cutlass 4.4 Cruiser	01.82- 01.82	110235	14	80				
	01.82- 01.82	110505	14	75				
Cutlass 4.4 LS	01.81-	110505	14	75				
	01.81-	110235	14	80				
Cutlass 4.4 Supreme	01.81- 01.82	110505	14	75				
	01.81- 01.82	110235	14	80				
Cutlass 4.4 Supreme Brougham	01.82- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
Cutlass 5.0	01.85-	110508	14	78	01.80- 01.80	110216	12	1.4
	01.91- 01.92	112629	14	100/105	01.80- 01.80	110414	12	
	01.86-	110471	14	94				
	01.80- 01.80	110505	14	75				
	01.80- 01.80	110235	14	80				
Cutlass 5.0 Brougham	01.80- 01.80	110505	14	75	01.80- 01.80	110216	12	1.4
	01.80- 01.80	110235	14	80	01.80- 01.80	110414	12	
Cutlass 5.0 Calais	01.83- 01.84	110471	14	94	01.78- 01.80	110414	12	
	01.83- 01.84	110508	14	78	01.84- 01.84	110217		
	01.78- 01.83	110505	14	75				
	01.82- 01.83	110235	14	80				
	01.78- 01.80	110234	14	80				
Cutlass 5.0 Cruiser	01.83- 01.83	110471	14	94	01.78- 01.83	110414	12	
	01.81- 01.83	110235	14	80				
	01.78- 01.83	110505	14	75				
Cutlass 5.0 Cruiser Brougham	01.78- 01.82	110234	14	80				
	01.80- 01.81	110235	14	80	01.80- 01.80	110414	12	
	01.80- 01.81	110505	14	75				
Cutlass 5.0 LS	01.80- 01.80	110235	14	80	01.80- 01.80	110216	12	1.4
	01.80- 01.80	110505	14	75	01.80- 01.80	110414	12	
	01.78- 01.80	110505	14	75	01.85- 01.87	110217		
Cutlass 5.0 Salon	01.78- 01.80	110234	14	80	01.78- 01.80	110414	12	
	01.85- 01.87	110508	14	78				
	01.85- 01.87	110471	14	94				
Cutlass 5.0 Salon Brougham	01.78- 01.80	110234	14	80	01.78- 01.80	110414	12	
	01.78- 01.80	110505	14	75				
	01.84- 01.87	110508	14	78	01.83- 01.87	110217		
Cutlass 5.0 Supreme	01.78- 01.83	110505	14	75	01.78- 01.80	110414	12	
	01.82- 01.83	110235	14	80				
	01.78- 01.80	110234	14	80				
	01.83- 01.87	110471	14	94				
Cutlass 5.0 Supreme Brougham	01.84- 01.87	110508	14	78	01.78- 01.80	110414	12	
	01.78- 01.83	110505	14	75				
	01.82- 01.83	110235	14	80				
Cutlass 5.0 Supreme Classic	01.78- 01.80	110234	14	80				
	01.88- 01.88	110471	14	94				
Cutlass 5.0 Supreme Classic Brougham	01.88- 01.88	110471	14	94				
	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
Cutlass 5.4	01.64- 01.67	110075	14	60				
	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
Cutlass 5.4 Holiday	01.64- 01.67	110075	14	60				
	01.64- 01.67	110215#	14	90				
Cutlass 5.7	01.68- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.77-	110234	14	80	01.68- 01.75	110217		
	01.91- 01.92	112629	14	100/105				
	01.68- 01.75	110233	14	63				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Cutlass 5.7 Brougham	01.80- 01.80	110235	14	80	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80				
	01.80- 01.80	110505	14	75				
Cutlass 5.7 Calais	01.79- 01.80	110505	14	75	01.79- 01.80	110218	12	
	01.79- 01.80	110234	14	80				
Cutlass 5.7 Cruiser	01.78- 01.79	110505	14	75	01.79- 01.79	110218	12	
	01.78- 01.79	110234	14	80	01.78- 01.79	111258	12	
Cutlass 5.7 Cruiser Brougham	01.78- 01.79	110234	14	80	01.78- 01.79	110216	12	1.4
	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80				
Cutlass 5.7 LS	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80				
Cutlass 5.7 S	01.71- 01.77	110505	14	75	01.76- 01.77	111258	12	
	01.71- 01.75	110233	14	63	01.76- 01.77	110218	12	
	01.71- 01.71	110215#	14	90	01.71- 01.75	110217		
	01.71- 01.71	110075	14	60				
Cutlass 5.7 Salon	01.75- 01.79	110505	14	75	01.76- 01.79	110218	12	
					01.76- 01.79	111258	12	
					01.75- 01.75	110217		



Cutlass 5.7 Supreme	01.91- 01.92	112629	14	100/105	01.76- 01.80	110218	12
	01.80- 01.80	110235	14	80	01.76- 01.79	111258	12
	01.72- 01.80	110505	14	75	01.72- 01.75	110217	
	01.72- 01.75	110233	14	63			
Cutlass 5.7 Supreme Brougham	01.80- 01.80	110235	14	80	01.76- 01.80	110218	12
	01.76- 01.80	110505	14	75	01.76- 01.79	111258	12
Cutlass 5.7 Supreme Cruiser	01.74- 01.75	110505	14	75	01.74- 01.75	110217	
Cutlass 5.7	01.80- 01.81	110233	14	63	01.80- 01.81	110220	12
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Cutlass 5.7 Brougham	01.80- 01.81	110505	14	75	01.80- 01.81	110220	12
	01.80- 01.81	110235	14	80			
	01.80- 01.81	110233	14	63			
Cutlass 5.7 Calais	01.83- 01.84	110471	14	94	01.80- 01.82	110220	12
	01.83- 01.84	110508	14	78			
	01.80- 01.83	110505	14	75			
	01.80- 01.82	110235	14	80			
	01.80- 01.82	110233	14	63			
Cutlass 5.7 Cruiser	01.79- 01.83	110505	14	75	01.79- 01.82	110220	12
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.80- 01.82	110235	14	80			
	01.79- 01.82	110233	14	63			
	01.79- 01.79	110234	14	80			
Cutlass 5.7 Cruiser Brougham	01.80- 01.81	110505	14	75	01.80- 01.81	110220	12
	01.80- 01.81	110235	14	80			
	01.80- 01.81	110233	14	63			
Cutlass 5.7 LS	01.80- 01.81	110233	14	63	01.80- 01.81	110220	12
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Cutlass 5.7 Salon	01.85- 01.85	110471	14	94	01.80- 01.80	110220	12
	01.85- 01.85	110508	14	78			
	01.80- 01.80	110505	14	75			
	01.80- 01.80	110235	14	80			
	01.80- 01.80	110233	14	63			
Cutlass 5.7 Supreme	01.83- 01.85	110471	14	94	01.79- 01.82	110220	12
	01.83- 01.85	110508	14	78			
	01.79- 01.83	110505	14	75			
	01.79- 01.82	110233	14	63			
	01.80- 01.82	110235	14	80			
Cutlass 5.7 Supreme Brougham	01.79- 01.79	110234	14	80	01.79- 01.82	110220	12
	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.79- 01.83	110505	14	75			
	01.80- 01.82	110235	14	80			
Cutlass 6.6	01.77- 01.77	110234	14	80	01.65- 01.68	110218	12
	01.68- 01.68	110505	14	75			
	01.65- 01.68	110215#	14	90			
	01.65- 01.68	110075	14	60			
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 S	01.77- 01.77	110234	14	80			
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Salon	01.77- 01.77	110234	14	80			
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Supreme	01.77- 01.77	110234	14	80			
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Supreme Brougham	01.77- 01.77	110234	14	80			
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Turnpike Cruiser	01.67- 01.67	110215#	14	90	01.67- 01.67	110218	12
	01.67- 01.67	110075	14	60			
Cutlass 7.5	01.70- 01.75	110505	14	75	01.70- 01.75	110218	12
Cutlass 7.5 S	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Cutlass 7.5 Salon	01.75- 01.76	110505	14	75	01.75- 01.76	110218	12
Cutlass 7.5 Supreme	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Cutlass 7.5 Supreme Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110218	12
Cutlass 7.5 Supreme Cruiser	01.74- 01.76	110505	14	75	01.74- 01.76	110218	12
CUTLASS CIERA 3.1 SL	[L&2]				10.92- 12.96	112911	12 1.6
Delmont 5.7 88	01.68- 01.68	110215#	14	90			
	01.68- 01.68	110075	14	60			
Delmont 88 5.4	01.67- 01.67	110215#	14	90	01.67- 01.67	110217	
	01.67- 01.67	110075	14	60			
Delmont 88 5.4 Holiday	01.67- 01.67	110215#	14	90	01.67- 01.67	110217	
	01.67- 01.67	110075	14	60			
Delmont 88 7.0	01.67- 01.67	110215#	14	90	01.67- 01.67	110218	12
	01.67- 01.67	110075	14	60			
Delmont 88 7.0 Holiday	01.67- 01.67	110215#	14	90	01.67- 01.67	110218	12
	01.67- 01.67	110075	14	60			
Delta 4.4 88	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			
Delta 4.4 88 Royale	01.81- 01.81	110505	14	75			
	01.81- 01.81	110235	14	80			
Delta 4.4 88 Royale Brougham	01.81- 01.81	110505	14	75			
	01.81- 01.81	110235	14	80			
Delta 88 3.0 Royale					01.86- 01.86	110221	12 1.2
Delta 88 3.0 Royale Brougham					01.86- 01.86	110221	12 1.2
Delta 88 3.8					01.99- 01.99	112903#	12 1.4
	01.77- 01.83	110505	14	75	01.77- 01.83	110217	
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.83- 01.83	110235	14	80			
Delta 88 3.8 Royale	01.77- 01.82	110234	14	80			
					01.96- 01.98	112898	12 1.6
	01.95- 01.95	112892#	14	124	01.86- 01.95	110221	12 1.2
					01.77- 01.85	110217	
	01.88- 01.94	112638#	14	100/105			
	01.88- 01.94	111220	14	105			
Delta 88 3.8 Royale Brougham	01.92- 01.92	112885#	14	140			
	01.77- 01.85	110505	14	75			
	01.83- 01.85	110235	14	80			
	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.77- 01.82	110234	14	80			
	01.86- 01.91	110221	12	1.2			
01.88- 01.91	112638#	14	100/105	01.80- 01.85	110217		
Delta 88 3.8 Royale Brougham	01.88- 01.91	111220	14	105			
	01.80- 01.85	110505	14	75			
	01.80- 01.85	110235	14	80			
	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.84- 01.84	110471	14	94	01.84- 01.84	110217	
	01.84- 01.84	110505	14	75			
Delta 88 3.8 Royale Brougham LS	01.84- 01.84	110508	14	78			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

OLDSMOBILE Continued

Delta 88 3.8 Royale LS	01.95- 01.95	112892#	14	124	01.96- 01.98	112898	12	1.6
					01.92- 01.95	110221	12	1.2
	01.92- 01.94	112638#	14	100/105				
	01.92- 01.94	111220	14	105				
Delta 88 3.8 Royale LSS	01.92- 01.92	112885#	14	140				
	01.95- 01.95	112892#	14	124	01.95- 01.95	110221	12	1.2
Delta 88 3.8 Super Royale LS					01.95- 01.95	112898	12	1.6
Delta 88 3.8 Super Royale LSS					01.95- 01.95	112898	12	1.6
Delta 88 4.3	01.77- 01.82	110505	14	75	01.77- 01.79	110217		
	01.80- 01.82	110235	14	80				
	01.77- 01.79	110234	14	80				
Delta 88 4.3 Royale	01.77- 01.82	110505	14	75	01.77- 01.79	110217		
	01.80- 01.82	110235	14	80				
	01.77- 01.79	110234	14	80				
Delta 88 4.3 Royale Brougham	01.80- 01.82	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.82- 01.82	110235	14	80				
Delta 88 4.4 Royale	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.82- 01.82	110505	14	75				
Delta 88 4.4 Royale Brougham	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.82- 01.82	110235	14	80				
Delta 88 4.9	01.79- 01.79	110505	14	75				
	01.79- 01.79	110234	14	80				
Delta 88 4.9 Royale	01.79- 01.79	110505	14	75				
	01.79- 01.79	110234	14	80				
Delta 88 5.0	01.80- 01.83	110505	14	75				
	01.80- 01.83	110235	14	80				
Delta 88 5.0 Royale	01.84- 01.85	110508	14	78	01.80- 01.81	110414	12	
	01.80- 01.83	110235	14	80				
	01.80- 01.83	110505	14	75				
Delta 88 5.0 Royale Brougham	01.84- 01.85	110508	14	78				
	01.80- 01.83	110235	14	80				
	01.80- 01.83	110505	14	75				
Delta 88 5.0 Royale Brougham LS	01.84- 01.85	110508	14	78				
Delta 88 5.4	01.67- 01.67	110215#	14	90	01.67- 01.67	110217		
	01.67- 01.67	110075	14	60				
Delta 88 5.4 Holiday	01.67- 01.67	110215#	14	90	01.67- 01.67	110217		
	01.67- 01.67	110075	14	60				
Delta 88 5.7	01.68- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80	01.77- 01.77	110216	12	1.4
	01.77- 01.77	110234	14	80	01.68- 01.79	110217		
	01.91- 01.92	112629	14	100/105				
	01.72- 01.75	110233	14	63				
	01.68- 01.71	110215#	14	90				
Delta 88 5.7 Custom	01.68- 01.70	110215#	14	90	01.68- 01.70	110217		
	01.68- 01.70	110075	14	60				
	01.68- 01.70	110505	14	75				
Delta 88 5.7 Royale	01.70- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80	01.77- 01.77	110216	12	1.4
	01.77- 01.77	110234	14	80	01.70- 01.79	110217		
	01.91- 01.92	112629	14	100/105				
	01.72- 01.75	110233	14	63				
	01.70- 01.70	110215#	14	90				
Delta 88 5.7 Royale Brougham	01.70- 01.70	110075	14	60				
	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12	
	01.80- 01.80	110235	14	80				
Delta 88 5.7	01.78- 01.83	110505	14	75	01.78- 01.82	110220	12	
	01.83- 01.83	110471	14	94				
	01.80- 01.82	110235	14	80				
	01.78- 01.79	110234	14	80				
Delta 88 5.7 Royale	01.83- 01.85	110471	14	94	01.78- 01.82	110220	12	
	01.84- 01.85	110508	14	78				
	01.78- 01.83	110505	14	75				
	01.80- 01.82	110235	14	80				
	01.78- 01.79	110234	14	80				
Delta 88 5.7 Royale Brougham	01.83- 01.85	110471	14	94	01.80- 01.82	110220	12	
	01.84- 01.85	110508	14	78				
	01.80- 01.83	110505	14	75				
	01.80- 01.82	110235	14	80				
Delta 88 5.7 Royale Brougham LS	01.84- 01.85	110508	14	78				
Delta 88 6.6	01.84- 01.85	110471	14	94				
	01.75- 01.79	110234	14	80	01.77- 01.79	110218	12	
Delta 88 6.6 Royale	01.75- 01.79	110505	14	75	01.77- 01.79	110218	12	
	01.75- 01.79	110234	14	80				
Delta 88 7.0	01.65- 01.67	110215#	14	90	01.65- 01.67	110218	12	
	01.65- 01.67	110075	14	60				
Delta 88 7.0 Holiday	01.65- 01.67	110215#	14	90	01.65- 01.67	110218	12	
	01.65- 01.67	110075	14	60				
Delta 88 7.5	01.72- 01.76	110505	14	75	01.68- 01.76	110218	12	
	01.72- 01.76	110233	14	63				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Delta 88 7.5 Custom	01.68- 01.71	110215#	14	90	01.68- 01.71	110218	12	
	01.68- 01.71	110075	14	60				
Delta 88 7.5 Royale	01.70- 01.76	110505	14	75	01.70- 01.76	110218	12	
	01.72- 01.76	110233	14	63				
	01.70- 01.71	110215#	14	90				
	01.70- 01.71	110075	14	60				
Dynamic 6.5	01.60- 01.64	110215#	14	90				
Dynamic 7.0	01.60- 01.64	110075	14	60	01.65- 01.66	110218	12	
	01.65- 01.66	110215#	14	90				
Dynamic 7.0 Holiday	01.65- 01.66	110075	14	60	01.65- 01.66	110218	12	
	01.65- 01.66	110215#	14	90				
F 85 3.5	01.61- 01.63	110215#	14	90				
	01.61- 01.63	110075	14	60				
F 85 3.7	01.64- 01.65	110215#	14	90	01.64- 01.65	110217		
	01.64- 01.65	110075	14	60				
F 85 4.1	01.66- 01.71	110215#	14	90	01.66- 01.71	110217		
	01.66- 01.71	110075	14	60				
F 85 4.1 Holiday	01.66- 01.66	110215#	14	90	01.66- 01.66	110217		
	01.66- 01.66	110075	14	60				
F 85 5.4	01.64- 01.67	110215#	14	90	01.64- 01.67	110217		
	01.64- 01.67	110075	14	60				
F 85 5.4 Holiday	01.66- 01.66	110215#	14	90	01.66- 01.66	110217		
	01.66- 01.66	110075	14	60				
F 85 5.7	01.68- 01.72	110233	14	63	01.68- 01.72	110217		
	01.68- 01.72	110505	14	75				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
F 85 6.6	01.65- 01.66	110215#	14	90	01.65- 01.66	110218	12	
	01.65- 01.66	110075	14	60				



F 85 7.5	01.72- 01.72	110233	14	63	01.70- 01.72	110218	12
	01.72- 01.72	110505	14	75			
	01.70- 01.70	110215#	14	90			
	01.70- 01.70	110075	14	60			
Fiesta 6.5	01.63- 01.63	110215#	14	90			
	01.63- 01.63	110075	14	60			
Firenza 1.8	01.82- 01.86	110235	14	80	01.82- 01.86	112909#	12
	01.82- 01.86	110505	14	75			
Firenza 1.8 LC	01.86- 01.86	110508	14	78	01.86- 01.86	112909#	12
	01.86- 01.86	110471	14	94			
Firenza 1.8 LX	01.82- 01.86	110235	14	80	01.82- 01.86	112909#	12
	01.82- 01.86	110505	14	75			
Firenza 1.8 S	01.82- 01.86	110235	14	80	01.82- 01.86	112909#	12
	01.82- 01.86	110505	14	75			
Firenza 1.8 SX	01.82- 01.85	110235	14	80	01.82- 01.85	112909#	12
	01.82- 01.85	110505	14	75			
Firenza 2.0	01.83- 01.86	110492	14	108	01.87- 01.88	112909#	12
Firenza 2.0 LC	01.86- 01.86	110492	14	108	01.87- 01.87	112909#	12
Firenza 2.0 LX	01.83- 01.86	110492	14	108	01.87- 01.87	112909#	12
Firenza 2.0 S	01.83- 01.86	110492	14	108	01.83- 01.86	112911	12 1.6
Firenza 2.0 SX	01.83- 01.85	110492	14	108	01.87- 01.87	112909#	12
Firenza 2.8	01.85- 01.85	110471	14	94	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110505	14	75			
Firenza 2.8 GT	01.86- 01.87	110471	14	94	01.86- 01.87	112911	12 1.6
	01.86- 01.87	110505	14	75			
Firenza 2.8 LX	01.85- 01.85	110505	14	75	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110471	14	94			
Firenza 2.8 S	01.85- 01.85	110505	14	75	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110471	14	94			
Firenza 2.8 SX	01.85- 01.85	110505	14	75	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110471	14	94			
Intrigue 3.5	01.99- 01.02	112852#	14	125	01.99- 01.02	112908#	12 1.7
					01.98- 01.99	112901#	12 1.5
Intrigue 3.8					01.98- 01.99	112903#	12 1.4
					01.64- 01.66	110217	
Jetstar 5.4 88	01.98- 01.99	112867#	14	105	01.98- 01.99	112903#	12 1.4
	01.64- 01.66	110215#	14	90	01.64- 01.66	110217	
Jetstar 5.4 88 Holiday	01.64- 01.66	110075	14	60			
	01.64- 01.66	110215#	14	90	01.64- 01.66	110217	
Jetstar 6.5 88	01.64- 01.64	110075	14	60			
	01.64- 01.64	110215#	14	90			
Jetstar 6.5 88 Holiday	01.64- 01.64	110075	14	60			
	01.64- 01.64	110215#	14	90			
Jetstar 7.0 88	01.65- 01.65	110215#	14	90	01.65- 01.65	110218	12
	01.65- 01.65	110075	14	60			
Jetstar 7.0 88 Holiday	01.65- 01.65	110215#	14	90	01.65- 01.65	110218	12
	01.65- 01.65	110075	14	60			
LSS 3.8					01.96- 01.96	112901#	12 1.5
					01.96- 01.98	112898	12 1.6
					01.99- 01.99	112903#	12 1.4
LSS 3.8 Super					01.96- 01.99	112898	12 1.6
					01.80- 01.82	110221	12 1.2
Omega 2.5	01.80- 01.84	110235	14	80			
	01.80- 01.84	110505	14	75			
	01.83- 01.84	110508	14	78			
	01.83- 01.84	110471	14	94			
Omega 2.5 Brougham	01.80- 01.84	110505	14	75	01.80- 01.82	110221	12 1.2
	01.80- 01.84	110235	14	80			
	01.83- 01.84	110508	14	78			
	01.83- 01.84	110471	14	94			
Omega 2.8	01.80- 01.84	110505	14	75	01.80- 01.84	110221	12 1.2
	01.80- 01.84	110235	14	80			
Omega 2.8 Brougham	01.80- 01.84	110505	14	75	01.80- 01.84	110221	12 1.2
	01.80- 01.84	110235	14	80	01.82- 01.84	112911	12 1.6
	01.83- 01.84	110508	14	78			
Omega 3.8	01.77- 01.79	110505	14	75	01.77- 01.79	110217	
Omega 3.8 Brougham	01.77- 01.79	110505	14	75	01.77- 01.79	110217	
Omega 3.8 F85	01.77- 01.77	110505	14	75	01.77- 01.77	110217	
Omega 4.1	01.73- 01.76	110505	14	75	01.73- 01.76	110217	
Omega 4.1 Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12 1.4
					01.76- 01.76	110217	
Omega 4.1 F85	01.76- 01.76	110505	14	75	01.76- 01.76	110217	
					01.76- 01.76	110216	12 1.4
Omega 4.1 Salon	01.75- 01.75	110505	14	75	01.75- 01.75	110217	
					01.75- 01.75	110216	12 1.4
Omega 4.3	01.75- 01.77	110505	14	75	01.75- 01.77	110217	
Omega 4.3 Brougham	01.76- 01.77	110505	14	75	01.76- 01.77	110217	
Omega 4.3 F85	01.76- 01.76	110505	14	75	01.76- 01.76	110217	
Omega 4.3 Salon	01.75- 01.75	110505	14	75	01.75- 01.75	110217	
Omega 5.0	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12 1.4
Omega 5.0 Brougham					01.77- 01.79	110798	12 1.5
					01.77- 01.79	110798	12 1.5
Omega 5.0 F85					01.77- 01.79	110216	12 1.4
					01.77- 01.77	110798	12 1.5
Omega 5.7	01.75- 01.76	110233	14	63	01.77- 01.77	110216	12 1.4
	01.73- 01.79	110505	14	75	01.77- 01.77	110218	12
					01.77- 01.79	111258	12
Omega 5.7 Brougham					01.77- 01.79	110216	12 1.4
					01.73- 01.76	110217	
	01.76- 01.79	110505	14	75	01.77- 01.79	111258	12
	01.76- 01.76	110233	14	63	01.77- 01.79	110216	12 1.4
Omega 5.7 F85					01.76- 01.76	110217	
	01.76- 01.77	110505	14	75	01.77- 01.77	110218	12
Omega 5.7 Salon	01.91- 01.92	112629	14	100/105	01.77- 01.77	111258	12
	01.76- 01.76	110233	14	63	01.76- 01.76	110217	
	01.75- 01.75	110233	14	63	01.77- 01.77	110216	12 1.4
Regency 3.8	01.75- 01.75	110505	14	75	01.75- 01.75	110217	
Silhouette 3.1	01.95- 12.95	112892#	14	124	01.97- 01.98	112898	12 1.6
					01.97- 01.98	112901#	12 1.5
	01.91- 12.92	112885#	14	140			
	01.78- 01.80	110234	14	80			
Silhouette 3.4	01.90- 01.94	111388	14	100/105	01.90- 01.94	112911	12 1.6
					01.97- 01.00	112900	12 1.4
	01.98- 01.00	112874	14	140	01.96- 01.96	112911	12 1.6
	01.96- 01.97	112875#	14	140			



Application list

**OLDSMOBILE** *Continued*

Silhouette 3.8	01.92- 01.95	112638#	14	100/105	01.92- 01.95	110221	12	1.2	
	01.92- 01.95	111220	14	105					
	01.92- 01.95	112884	14	140					
Starfire 2.3	01.76- 01.77	110492	14	108					
	01.76- 01.77	110505	14	75					
	01.76- 01.77	110233	14	63					
Starfire 2.3 SX	01.76- 01.77	110233	14	63					
	01.76- 01.77	110505	14	75					
	01.76- 01.77	110492	14	108					
Starfire 2.5	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12		
Starfire 2.5 SX	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12		
Starfire 3.8	01.75- 01.80	110505	14	75	01.75- 01.77	110217			
Starfire 3.8 SX	01.76- 01.80	110505	14	75	01.76- 01.77	110217			
Starfire 5.0	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4	
					01.77- 01.79	110798	12	1.5	
Starfire 5.0 SX	01.77- 01.79	110505	14	75	01.77- 01.79	110798	12	1.5	
					01.77- 01.79	110216	12	1.4	
Starfire 6.5	01.61- 01.64	110215#	14	90					
	01.61- 01.64	110075	14	60					
Starfire 7.0	01.65- 01.66	110215#	14	90	01.65- 01.66	110218	12		
	01.65- 01.66	110075	14	60					
Super 88 6.5	01.60- 01.64	110215#	14	90					
	01.60- 01.64	110075	14	60					
Toronado 3.8					01.88- 01.92	110221	12	1.2	
Toronado 3.8 Brougham									
	01.86- 01.86	110235	14	80					
Toronado 3.8 Trofeo					01.88- 01.92	110221	12	1.2	
Toronado 4.1	01.84-	110235	14	80					
	01.84-	110492	14	108					
Toronado 4.1 Brougham	01.81- 01.84	110235	14	80					
Toronado 5.0	01.80-	110235	14	80					
	01.80-	110505	14	75					
	01.91- 01.93	112629	14	100/105					
	01.84-	110508	14	78					
Toronado 5.0 Brougham	01.80- 01.85	110235	14	80					
	01.80- 01.85	110505	14	75					
	01.79-	110505	14	75					
	01.79-	110234	14	80					
	01.91- 01.92	112629	14	100/105					
	01.80-	110235	14	80					
Toronado 5.7	01.79- 01.80	110505	14	75					
	01.79- 01.80	110234	14	80					
Toronado 5.7 Brougham	01.91- 01.92	112629	14	100/105					
	01.79-	110505	14	75					
	01.79-	110234	14	80					
	01.91- 01.92	112629	14	100/105					
	01.80-	110235	14	80					
	01.84-	110508	14	78					
	01.85-	110471	14	94					
Toronado 5.7 Brougham	01.79- 01.85	110505	14	75					
	01.79- 01.85	110234	14	80					
Toronado 6.6	01.78- 01.78	110505	14	75	01.78- 01.78	110216	12	1.4	
	01.78- 01.78	110234	14	80					
Toronado 6.6 Brougham	01.77- 01.78	110234	14	80	01.77- 01.78	110216	12	1.4	
	01.77- 01.78	110505	14	75					
Toronado 6.6 XSR	01.77- 01.77	110234	14	80	01.77- 01.77	110216	12	1.4	
	01.77- 01.77	110505	14	75					
Toronado 7.0	01.66- 01.67	110215#	14	90					
	01.66- 01.67	110075	14	60					
Toronado 7.5	01.76- 01.76	110234	14	80	01.68- 01.76	110216	12	1.4	
	01.68- 01.76	110505	14	75					
	01.68- 01.71	110215#	14	90					
	01.68- 01.71	110075	14	60					
Toronado 7.5 Brougham	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4	
	01.75- 01.76	110234	14	80					
Vista 5.7 Cruiser	01.68- 01.77	110505	14	75	01.68- 01.77	110217			
	01.76- 01.77	110234	14	80					
	01.91- 01.92	112629	14	100/105					
	01.72- 01.75	110233	14	63					
	01.68- 01.71	110215#	14	90					
	01.68- 01.71	110075	14	60					
Vista 6.6 Cruiser	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12		
	01.77- 01.77	110234	14	80					
Vista 7.5 Cruiser	01.70- 01.76	110505	14	75	01.70- 01.76	110218	12		
	01.75- 01.76	110234	14	80					
	01.72- 01.74	110233	14	63					
	01.70- 01.71	110215#	14	90					
	01.70- 01.71	110075	14	60					
Vista Cruiser 3.7	01.64- 01.65	110215#	14	90					
	01.64- 01.65	110075	14	60					
Vista Cruiser 5.4	01.64- 01.67	110215#	14	90					
	01.64- 01.67	110075	14	60					
<b>OMC</b>									
<b>MARINE</b>									
Marine 2.5	01.84- 01.86	111250	14	42	DR				
Marine 3.0	01.84- 01.87	111250	14	42					
Marine 3.8	01.84- 01.85	111250	14	42					
Marine 4.3	01.84- 01.86	111250	14	42					
Marine 5.0	01.84- 01.86	111250	14	42					
Marine 5.7	01.84- 01.86	111250	14	42					
Various Models	01.85-	111710	14	65		110216	12	1.4	
	01.81- 01.87	111250	14	42		113014	12		
	01.85-	110959	14	55	01.94-	113525#	12		
	01.85-	110540	14	55					
						112155			
						112154#	12		
						112157	12		
						112145	12	0.5	
						111277	12		
						111786	12	1.7	
						112232	12	2.4	
<b>Onan</b>									
<b>MOTORS</b>									
Various Models						112567	12		
						113015	12		
						113016	12		
						113476	12		
						111011	12	2.0	
						113141	12	0.8	
						113128#	12	1.0	
						112832	12	0.6	

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



Opel											
PASSENGER CARS EU											
Admiral B 2.8	[28E]							07.71-	07.76	111134	
	[28H]							03.69-	07.76	111134	
Admiral B 2.8 S	[28S]							03.69-	01.78	111134	
		10.76-	01.78	111178	14	70					
Agila 1.0	[Z10XEP]	08.03-		111824	14	70		09.03-		113276	12 1.1
		09.07-		114247	14	75					
Agila 1.0 i 12V	[Z10XE]	09.00-		111824	14	70					
		Chas. 1G021260-	09.00-	111824	14	70		Chas. -19P00893	09.00-	111123	12 0.9
								Chas. 19P00894-	09.00-	113276	12 1.1
Agila 1.0 LPG	[K10B]	01.10-		114247	14	75					
Agila 1.2	[K12B]	11.10-		114247	14	75					
		09.07-		114247	14	75					
Agila 1.2 16V Twinport	[Z12XEP]	07.04-		111824	14	70		07.04-		111123	12 0.9
	[Z12XEP]							07.04-		113276	12 1.1
Agila 1.2 i 16V	[Z12XE]	09.00-		111824	14	70		09.99-		111684	12 1.4
								09.00-		113276	12 1.1
		Chas. 1G021260-	09.00-	111824	14	70		09.00-		111123	12 0.9
Agila 1.2 LPG	[K12B]	09.07-		114247	14	75					
Agila 1.3 CDTI	[Z13DT]	08.03-		113720	14	75		08.03-		113719	12 1.3
		08.03-		113722	14	90		08.03-		113843	12 1.1
	[Z13DTJ]	09.07-		113720	14	75					
		09.07-		113722	14	90					
		03.07-		114235	14	120					
Antara 3.2 V6											
Arena 1.9 Diesel	[F8C600]							03.98-	08.01	113481	12 1.4
	[F8C606]							03.98-	08.01	113481	12 1.4
Arena 2.5 Diesel	[S8U780]	03.98-	08.01	111937	14	75					
Ascona A 1.2 S	[12S]	04.72-	08.75	110077	14	50		04.72-	08.75	110364	12 0.65
		04.72-	08.75	110925#	14	45					
Ascona A 1.6	[16N]	06.71-	08.75	111178	14	70		10.70-	08.75	110589	
								10.70-	08.81	110341	12 0.8
Ascona A 1.6 Voyage	[16N]	06.71-	08.75	111178	14	70		01.71-	08.75	110341	12 0.8
								10.70-	08.75	110589	
	[16S]	06.71-	08.75	111178	14	70		01.71-	08.75	110341	12 0.8
								10.70-	08.75	110589	
Ascona A 1.6 S	[16S]							10.70-	08.75	110589	
								10.70-	08.75	110341	12 0.8
		06.71-	08.75	111178	14	70					
Ascona A 1.9 Voyage	[19S]	06.71-	08.75	111178	14	70		10.70-	08.75	110589	
								03.71-	08.75	110341	12 0.8
Ascona A 1.9 S	[19S]	06.71-	08.75	111178	14	70		03.71-	08.75	110341	12 0.8
								03.71-	08.75	110589	
Ascona B 1.2	[12N]	09.75-	02.79	110925#	14	45		08.76-	02.79	110364	12 0.65
		08.76-	02.79	110077	14	50					
		08.76-	02.79	110971	14	65					
Ascona B 1.2 S	[12S]	09.75-	02.79	110077	14	50		09.75-	02.79	110364	12 0.65
		09.75-	02.79	110971	14	65					
		09.75-	02.79	110925#	14	45					
Ascona B 1.3	[13N]	03.79-	08.81	111656	14	45		03.79-	08.81	111055	12 0.7
		03.79-	08.81	113376	14	55					
Ascona B 1.3 S	[13S]	08.79-	08.81	111656	14	45		08.79-	08.81	111055	12 0.7
		08.79-	08.81	113376	14	55					
Ascona B 1.6 N	[16N]	10.76-	08.81	111178	14	70		09.75-	08.81	110792	12 1.0 DR
								09.75-	08.81	110589	
								09.75-	08.81	110341	12 0.8 BO
Ascona B 1.6 S	[16S]							09.75-	08.81	110589	
								09.75-	08.81	110341	12 0.8 BO
								09.75-	08.81	110792	12 1.0 DR
		10.76-	08.81	111178	14	70					
Ascona B 1.9	[19N]							08.76-	08.81	110589	
								08.76-	08.81	110341	12 0.8 BO
		10.76-	08.81	111178	14	70		08.76-	08.81	110792	12 1.0 DR
Ascona B 1.9 S	[19S]							09.75-	08.81	110792	12 1.0 DR
								09.75-	08.81	110589	
		10.76-	08.81	111178	14	70		09.75-	08.81	110341	12 0.8 BO
Ascona B 2.0	[20E]							08.79-	08.81	110341	12 0.8 BO
		08.79-	08.81	111178	14	70		08.79-	08.81	110589	
	[20N]							08.79-	08.81	110792	12 1.0 DR
		08.77-	08.81	111178	14	70		08.77-	08.81	110792	12 1.0 DR
		08.77-	08.81	113376	14	55		08.77-	08.81	110589	12 0.8 BO
Ascona B 2.0 S	[20S]							08.77-	08.81	110341	12 0.8 BO
		08.77-	08.81	111178	14	70		08.77-	08.81	110792	12 1.0 DR
Ascona B 2.0 Diesel	[20D]	08.78-	08.81	111656	14	45		08.78-	08.81	110589	
		08.78-	08.81	113376	14	55					
Ascona B 2.4 400	[24E]	08.79-	08.81	111178	14	70		07.80-	08.81	110589	
								08.79-	08.81	110341	12 0.8
								08.79-	08.81	110792	12 1.0
Ascona C 1.3	[13N]	09.81-	08.86	111656	14	45		09.81-	08.86	111055	12 0.7
		09.81-	08.86	113376	14	55					
		09.84-	08.86	111166	14	70					
Ascona C 1.3 S	[13S]	09.81-	08.88	111656	14	45		09.81-	08.88	111055	12 0.7
		09.81-	08.88	113376	14	55					
		09.84-	08.88	111166	14	70					
Ascona C 1.6	[16N]	09.81-	08.88	110914	14	45		09.81-	08.88	111056	12 0.8
		09.81-	08.88	111168	14	55					
		09.81-	08.88	111800	14	70					
	[16SV]							09.86-	08.88	111123	12 0.9
		09.86-	08.88	111166	14	70		09.86-	08.88	111127	12 1.4
		09.86-	08.88	113376	14	55					
Ascona C 1.6 i	[C16LZ]							09.86-	08.87	111123	12 0.9
		09.86-	08.87	111166	14	70		09.86-	08.87	111127	12 1.4
		09.86-	08.87	113376	14	55					
	[C16NZ]							08.87-	08.88	111127	12 1.4
		09.87-	08.88	111166	14	70		08.87-	08.88	111123	12 0.9
		09.87-	08.88	113376	14	55					
	[E16NZ]							09.87-	08.88	111123	12 0.9
		09.87-	08.88	111166	14	70		09.87-	08.88	111127	12 1.4
		09.87-	08.88	113376	14	55					
Ascona C 1.6 S	[16SH]	09.81-	08.86	110914	14	45		09.81-	08.86	111056	12 0.8
		09.81-	08.86	111168	14	55					
		09.81-	08.88	111800	14	70					
Ascona C 1.6 Diesel	[16D]	03.82-	08.88	110972	14	65		03.82-	08.88	110839	12 1.7
		09.84-	08.88	112056	14	70		03.82-	08.88	111057	
	[16DA]	03.82-	08.88	110972	14	65		03.82-	08.88	110839	12 1.7
		09.84-	08.88	112056	14	70		03.82-	08.88	111057	





**OPEL** *Continued*

Ascona C 1.8	[E18NV]	09.87- 08.88	110914	14	45	09.87- 08.88	110847	12	1.4	BO					
		09.87- 08.88	111168	14	55						09.87- 08.88	111122	12	1.0	DR
		09.87- 08.88	111800	14	70										
	[S18NV]	01.85- 08.86	110914	14	45										
		01.85- 08.86	111168	14	55										
		01.85- 08.86	111800	14	70										
Ascona C 1.8 E	[C18NE]	01.85- 08.86	110914	14	45	01.85- 08.86	111056	12	0.8						
		01.85- 08.86	111168	14	55										
		01.85- 08.86	111800	14	70										
Ascona C 1.8 i	[18E]	09.82- 08.86	110914	14	45	09.82- 08.86	111056	12	0.8						
		09.82- 08.86	111168	14	55										
		09.82- 08.86	111800	14	70										
	[C18NE]	01.85- 08.86	110914	14	45	01.85- 08.86	111056	12	0.8						
		01.85- 08.86	111168	14	55										
		01.85- 08.86	111800	14	70										
Ascona C 2.0 GTI	[20SEH]	03.87- 08.88	111168	14	55	03.87- 08.88	111122	12	1.0	DR					
		03.87- 08.88	111800	14	70										
Ascona C 2.0 i	[20NE]	09.86- 08.88	111168	14	55	09.86- 08.88	110847	12	1.4	BO					
		09.86- 08.88	111800	14	70										
	[20SEH]	03.87- 08.88	111168	14	55	03.87- 08.88	111122	12	1.0	DR					
		03.87- 08.88	111800	14	70										
	[C20NE]	09.86- 08.88	111168	14	55	09.86- 08.88	110847	12	1.4	BO					
		09.86- 08.88	111800	14	70										
	[C20NEF]	09.86- 08.88	111800	14	70	09.86- 08.88	111122	12	1.0	DR					
		08.87- 08.88	111800	14	70										
Astra F 1.4	[14NV]	09.91- 08.94	111166	14	70	09.91- 09.93	111123	12	0.9						
		09.91- 09.93	111891	14	70										
		09.91- 09.93	112229	14	70										
		PS 09.91- 08.92	111170	14	65										
		09.91- 09.93	111891	14	70										
	[14SE]	03.92- 08.92	111170	14	65	09.92- 09.98	111123	12	0.9						
		09.92- 09.98	110077	14	50										
		09.92- 09.98	111166	14	70										
		09.92- 09.98	111891	14	70										
		PS 09.92- 09.98	111426	14	100										
Astra F 1.4 i 16V	[X14NZ]	01.98- 01.98	111891	14	70	01.98- 01.98	111123	12	0.9						
		PS 01.98- 01.98	112229	14	70										
	[X14XE]	01.96- 02.98	111426	14	100	Ecotec 09.97- 09.00	111684	12	1.4						
		01.96- 02.98	111732	14	120										
		02.96- 02.98	112229	14	70										
09.97- 03.01		111990	14	70											
03.98- 03.98	112416	14	100												
Astra F 1.4 i	[C14NZ]	09.91- 01.99	110077	14	50	09.91- 01.98	111127	12	1.4						
		09.91- 08.94	111166	14	70										
		09.91- 08.94	112229	14	70										
		09.94- 01.98	111891	14	70										
		09.94- 01.98	112689	14	55										
		PS, Chas. P25... 09.92- 01.98	112229	14											
		,P30...-P40...													
		PS 09.91- 08.92	111170	14	65										
		PS 09.91- 01.98	112229	14	70										
		PS 09.92- 01.98	111426	14	100										
	Chas. S2500016- 09.94- 01.98	111891	14	70											
	,S5000001-														
	S8000001-														
	Chas. S2500016- 09.94- 01.98	112689	14	55											
	,S5000001-														
	,S8000001-														
	[C14SE]	03.92- 09.98	110077	14	50	03.92- 09.98	111127	12	1.4						
		03.92- 08.94	112775	14	70										
		03.92- 02.98	112805	14	55										
		09.94- 02.98	111891	14	70										
PS 03.92- 08.92		111170	14	65											
[X14NZ]	01.98- 01.98	111891	14	70	01.98- 01.98	111123	12	0.9							
	01.98- 01.98	112689	14	55											
	PS 01.98- 01.98	112229	14	70											
	01.98- 01.98	112229	14	70											
	PS 01.98- 01.98	112229	14	70											
Astra F 1.4 Si	[C14SE]	03.92- 03.01	110077	14	50	03.92- 01.98	111055	12	0.7						
		PS 03.92- 08.92	111170	14	65										
		PS 08.92- 01.98	112229	14	70										
	[C14SE]	03.92- 08.94	112775	14	70	03.92- 01.98	111123	12	0.9						
		03.92- 01.98	112805	14	55										
09.94- 01.98	111891	14	70												
Astra F 1.6	[16LZ2]	09.95- 09.98	111426	14	100	09.95- 09.98	111698	12							
		09.95- 09.98	111732	14	120										
		09.95- 09.98	112229	14	70										
		02.98- 02.98	111990	14	70										
		02.98- 02.98	111990	14	70										
Astra F 1.6 i 16V	[X16XEL]	08.94- 09.98	110077	14	50	09.94- 09.94	111123	12	0.9						
		09.94- 09.94	112229	14	70										
		09.94- 09.94	111127	14	1.4										
Astra F 1.6 i	[X16SZR]	09.91- 01.05	110077	14	50	09.91- 06.93	111123	12	0.9						
		09.94- 01.98	111426	14	100										
	[16LZ2]	09.94- 01.98	111732	14	120	09.95- 01.98	111698	12							
		09.95- 01.98	112229	14	70										
		09.95- 01.98	112229	14	70										
	[16NZR]	09.95- 09.98	111891	14	70	09.95- 09.98	111123	12	0.9						
		PS 09.95- 09.98	111170	14	65										
		PS 09.95- 09.98	111426	14	100										
	[C16NZ]	09.91- 01.98	110077	14	50	09.91- 08.94	111055	12	0.7						
		09.91- 08.94	111166	14	70										
		09.91- 08.94	111732	14	120										
		03.92- 08.94	111891	14	70										
		03.92- 08.94	111891	14	70										
		PS, Chas. - 09.91- 08.94	111170	14	65										
		NA299999, -													
		NE299999, -													
		N2999999, -													
		N4999999, -													
N5000000															
PS 10.91- 08.92	111170	14	65												
PS 03.92- 08.94	112229	14	70												
PS 09.92- 08.94	111426	14	100												
[C16SE]	09.91- 02.98	112229	14	70	03.92- 02.98	111127	12	1.4							
	03.92- 12.94	110077	14	50											
	03.92- 08.94	111170	14	65											
	03.92- 08.94	112775	14	70											
	09.94- 02.98	111891	14	70											
	PS, Chas. P25... 09.92- 02.98	112229	14												
	,P30...-P40...														
	PS 09.91- 08.92	111170	14	65											
	PS 09.92- 08.94	111426	14	100											
	Chas. S2500016- 09.94- 02.98	111891	14	70											
,S5000001-															
Chas. -S2500015- 03.92- 09.94	112775	14	70												
R5999999, -R8999999															



	[X16SZ]	09.92- 08.94	112775	14	70	09.92- 07.96	111123	12	0.9	
		03.93- 08.96	110077	14	50	09.92- 03.96	111127	12	1.4	
		08.94- 07.96	111891	14	70					
		PS Chas. P25.-,P40.-,P30.-,P40.-	112229	14	14					
		PS 09.92- 03.96	111170	14	65					
		PS 09.92- 07.96	112229	14	70					
		Chas. -S2500015.-,R5999999.-,R8999999	112775	14	70					
	[X16SZR]	09.91- 08.94	111166	14	70	09.91- 06.93	111127	12	1.4	
		09.94- 06.96	111891	14	70	09.95- 08.97	111055	12	0.7	
		PS 09.92- 06.93	111426	14	100	09.95- 08.00	111684	12	1.4	
		PS 09.92- 06.93	112229	14	70					
Astra F 1.7 Diesel	[17D]	12.91- 08.94	111168	14	55	12.91- 07.92	111057	12	1.7	
		12.91- 09.92	111515	14	70	08.92- 08.94	110839	12	1.7	
		12.91- 08.94	112056	14	70					
	[17DR]	12.91- 08.94	112056	14	70	Eng. 14292840- 07.92- 08.94	110839	12	1.7	
		07.92- 01.99	111515	14	70	Eng. -14292839 12.91- 07.92	111057	12	1.7	
			111426	14	100					
Astra F 1.7 TD	[X17DTL]	12.91- 03.96	111186	14	70	08.94-	110839	12	1.7	VP
		08.94- 01.99	111515	14	70					VP
		08.94-	112056	14	70					
		AC 04.96-	111831	14	100					VP
Astra F 1.7 TDS	[17DT (TC4EE1)]	12.91- 01.98	111186	14	70	12.91- 03.96	111274	12	1.2	
		04.96- 01.98	111515	14	70	Eng. 997453- 12.91- 01.98	111690	12	1.1	
		Chas. T2000001- 04.96- 01.98	111515	14	70					
	[X17DT (TC4EE1)]	04.96- 01.98	111515	14	70	04.96- 01.98	111690	12	1.1	
		AC 04.96- 01.98	111831	14	100					
Astra F 1.8 16V	[18SE]	09.95- 09.96	112229	14	70	09.95- 09.96	111848	12	1.0	
	[C18SEL]	09.95- 08.97	112229	14	70	09.95- 08.97	111848	12	1.0	
	[18SE]	09.95- 09.96	111426	14	100					
		09.95- 09.96	111732	14	120					
	[C18SEL]	09.95- 08.97	111426	14	100					
		09.95- 08.97	111732	14	120					
Astra F 1.8 i 16V	[X18XE]	09.95- 09.98	111732	14	120	04.96- 04.98	111848	12	1.0	
	[C18XEL]	07.94- 02.98	111732	14	120	07.94- 03.96	111848	12	1.0	
	[C18XE]	09.92- 02.98	111426	14	100	09.93- 02.98	111848	12	1.0	
		09.92- 02.98	111732	14	120					
		03.93- 02.98	112229	14	70					
		06.93- 01.98	111514	14	100					
	[C18XEL]	07.94- 03.96	111426	14	100					
		07.94- 01.98	111514	14	100					
		07.94- 03.96	112229	14	70					
		PS 09.94- 03.96	112229	14	70					
	[X18XE]	07.94- 01.98	111514	14	100					
		04.96- 04.98	111426	14	100					
		04.96- 04.98	112229	14	70					
		PS 04.96- 02.98	112229	14	70					
Astra F 1.8 i	[C18NZ]	09.91- 08.92	111169	14	70	01.95- 02.98	111698	12	1.0	DR
		09.91- 02.98	111426	14	100	09.91- 12.94	111122	12	1.4	BO
		09.91- 01.98	111514	14	100	09.91- 12.94	110847	12	1.4	BO
		09.91- 02.98	111732	14	120					
		09.91-	112229	14	70					
		Chas. P250.-,P300.-,P400.-,P500.-,P600.-,P810.-	112229	14	70					
Astra F 2.0 GSI 16V	[C20XE]	09.91- 02.98	111426	14	100	09.91- 12.94	110847	12	1.4	BO
		09.91- 02.98	111732	14	120	09.91- 12.94	111122	12	1.0	DR
		09.91- 02.98	112056	14	70	01.95- 02.98	111698	12	1.0	DR
		09.91- 02.98	112229	14	70					
		PS 09.91-	112229	14	70					
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14	100	09.91- 12.94	111122	12	1.0	DR
		09.91-	111732	14	120	09.91- 12.94	110847	12	1.4	BO
		09.91-	112056	14	70	01.95- 01.98	111698	12	1.0	
		09.91-	112229	14	70					
	[X20XEVI]	01.95-	111426	14	100	01.95-	111848	12	1.0	
		01.95-	111732	14	120					
		01.95-	112229	14	70					
		02.95- 09.98	111514	14	100					
		02.98-	111990	14	70					
		03.98-	112416	14	100					
		PS 01.95-	112229	14	70					
Astra F 2.0 i	[C20NE]	09.91- 08.92	111169	14	70	09.91- 12.94	111122	12	1.0	DR
		09.91- 02.98	111426	14	100	01.95- 02.98	111698	12	1.0	DR
		09.91- 09.98	111514	14	100	09.91- 12.94	110847	12	1.4	BO
		09.91- 02.98	111732	14	120					
		09.91- 02.98	112229	14	70					
		Chas. P250.-,P300.-,P400.-,P500.-,P600.-,P810.-	112229	14	70					
Astra G 1.2 16V	[X12XE]	02.98-	111824	14	70	02.98-	113276	12	1.1	
						02.98-	111123	12	0.9	
Astra G 1.2 i 16V	[X12XE]	09.98-	111824	14	70	09.98-	111123	12	0.9	
						09.98-	113276	12	1.1	
						09.97- 09.00	111684	12	1.4	
	[Z12XE]	09.00-	111824	14	70	Ecotec 09.00- 09.00-	111684	12	1.4	
							113276	12	1.1	
		Chas. 12000001-, 15000001-, 16000001-, 18000001-								
Astra G 1.4 i 16V	[X14XE]	02.98-	111990	14	70	02.98-	113276	12	1.1	
		02.98-	112416	14	100	02.98-	111123	12	0.9	
	[Z14XE]	02.98-	111990	14	70	02.98-	111123	12	0.9	
		02.98-	112416	14	100	02.98-	113276	12	1.1	
						Ecotec 09.00-	111684	12	1.4	
Astra G 1.6	[Z16XEP]	01.03- 10.05	114431	14	120	03.03- 03.03-	111123	12	0.9	
							113276	12	1.1	
Astra G 1.6 16V	[Z16XEP]	03.00- 05.05	114431	14	120	03.00-	111123	12	0.9	
	[X16XEL]	02.98-	111990	14	70	02.98-	111123	12	0.9	
		02.98-	112416	14	100	02.98-	113276	12	1.1	
Astra G 1.6 i 16V	[X16XEL]	02.98-	111990	14	70	09.98-	113276	12	1.1	
		09.98-	112416	14	100	02.98-	111123	12	0.9	
	[Z16XE]	02.98-	111990	14	70	02.98-	111123	12	0.9	
		02.98-	112416	14	100	02.98-	113276	12	1.1	
Astra G 1.6 i	[Z16SE]	09.00-	111990	14	70	09.00-	113276	12	1.1	
		09.00-	112416	14	100	09.00-	111123	12	0.9	
	[X16SZR]	02.98-	111990	14	70	02.98-	111123	12	0.9	
		02.98-	112416	14	100	02.98-	113276	12	1.1	
	[Z16SE]	09.00-				09.00-	113266	12	1.1	
Astra G 1.6 Twinport	[Z16XEP]	12.02- 01.05	114431	14	120	03.03- 06.04	111123	12	0.9	
						03.03- 06.04	113276	12	1.1	
Astra G 1.6	[Z16YNG]					09.02-	111684	12	1.4	
						09.02- 06.04	113276	12	1.1	
Astra G 1.7 CDTi	[Z17DTL]	03.03- 06.04	112271	14	100	03.03- 06.04	112320	12	1.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OPEL** *Continued*

Astra G 1.7 DTi 16V	[Y17DT]	02.00-	112272	14	70	02.00-	112320	12	1.4
	[Y17DT]	02.00-	112271	14	100				
Astra G 1.7 TD	[X17DTL]	AC 02.00-	112271	14	100				
		02.98-	112720	14	100	02.98-	110839	12	1.7
Astra G 1.8 16V	[X18XE1]	02.98-	112077#	14	70				
		02.98-	111990	14	70	02.98-	112431	12	1.1
Astra G 1.8 i 16V	[X18XE1]	02.98-	112416	14	100				
		02.98-	111990	14	70	03.98-	112431	12	1.1
Astra G 2.0	[Z20LER]	09.98-	112416	14	100	09.98-	113276	12	1.1
		09.00-	111990	14	70	09.00-	112431	12	1.1
Astra G 2.0 OPC	[Z20LET]	09.00-	112416	14	100	09.00-	113276	12	1.1
Astra G 2.0 16V	[X20XEV]	11.02-	112416	14	100	09.01- 06.04	111848	12	1.0
		09.02-	112416	14	100	09.02- 01.04	111848	12	1.0
Astra G 2.0 i 16V	[X20XER]	03.02-	112416	14	100	03.02-	111848	12	1.0
		02.98-	111990	14	70	02.98-	111848	12	1.0
Astra G 2.0 Turbo 16V	[Z20LET]	02.98-	112416	14	100				
		09.98-	112416	14	100	11.99-	111848	12	1.0
Astra G 2.0 Diesel Di	[X20DTH]	02.98-	111990	14	70	02.98-	111848	12	1.0
		09.98-	112416	14	100				
Astra G 2.0 Diesel	[X20DTL]	Chas. Y6062241-03.00-	112416	14	100	03.00-	111848	12	1.0
		11.02-	112416	14	100	09.00-	111848	12	1.0
Astra G 2.0 Diesel Di	[X20DTL]	12.00-	112416	14	100				
		01.99-	112415	14	120				
Astra G 2.0 Diesel	[X20DTL]	01.99- 04.05	113879	14	100				
		02.98-	112415	14	120	02.98-	113674	12	2.0
Astra G 2.0 DTi 16V	[X20DTH]	02.98- 01.05	113879	14	100				
		A19	02.98-	112415	14	120	02.98-	113674	12
Astra G 2.2 i 16V	[Z22SE]	02.98- 01.05	113879	14	100				
		A19	08.99- 06.04	112415	14	120	08.99-	113674	12
Astra G 2.2 DTi	[Y22DTR]	08.99- 06.04	112415	14	120				
		A19	08.99- 06.04	112415	14	120	08.99-	113674	12
Astra H 1.3 CDTi	[Z13DTH]	09.00-	112423			09.00- 05.05	114341	12	1.2
		09.00-	113352	14	120				
Astra H 1.3 CDTi GTC	[Z13DTH]	09.02-	112415	14	120	09.02-	113674	12	2.0
		08.05-	113720	14	75	08.05-	113843	12	1.1
Astra H 1.4	[Z14XEL]	08.05-	113722	14	90	08.05-	113719	12	1.3
		08.05-	113722	14	90	08.05-	113834	12	1.8
Astra H 1.4	[Z14XEP]	08.05-	113722	14	90	08.05-	114029	12	1.8
		01.06-	113722	14	90	01.06-	113843	12	1.1
Astra H 1.4	[Z14XEP]	01.06-	113722	14	90	01.06-	113719	12	1.3
		04.04- 10.04	111824	14	70	01.06-	114029	12	1.8
Astra H 1.4 Twinport GTC	[Z14XEP]	04.04- 10.04	111824	14	70	04.04- 10.04	113276	12	1.1
						03.04-	111123	12	0.9
Astra H 1.4 LPG	[Z14XEP]	03.05-	111123	12	0.9	03.05-	111123	12	0.9
Astra H 1.6	[Z16XEP]	08.09-	111824	14	70	08.09-	113276	12	1.1
		03.04-	114431	14	120	03.04-	113276	12	1.1
Astra H 1.6 Ecotec	[Z16XER]	12.06-	114431	14	120				
Astra H 1.6 GTC	[Z16XER]	02.07-	114431	14	120				
Astra H 1.6 Twinport	[Z16XEP]	12.06-	114431	14	120				
Astra H 1.6 Twinport GTC	[Z16XEP]	08.04-	114431	14	120	08.04-	113276	12	1.1
Astra H 1.6 LPG	[Z16XER]	03.05-	114431	14	120	03.05-	113276	12	1.1
Astra H 1.7 CDTi	[A17DTJ]	08.09-	114431	14	120				
		02.07-	112320	12	1.4	02.07-	112320	12	1.4
Astra H 1.7 CDTi Ecotec	[Z17DTR]	[A17DTR]				02.07-	112320	12	1.4
		[D17DTL]	08.04-	113956	14	100	02.07-	112320	12
Astra H 1.7 CDTi GTC	[Z17DTH]	08.04-	114121	14	110	08.04-	112320	12	1.4
		03.04-	113956	14	100	03.04-	112320	12	1.4
Astra H 1.7 CRDi	[Z17DTJ]	03.04-	114121	14	110	03.04-	112320	12	1.4
		03.04-	114121	14	110	03.04-	112320	12	1.4
Astra H 1.7 CDTi Ecotec	[Z17DTL]	AC 08.04-	114121	14	110	02.07-	112320	12	1.4
		03.05- 03.07	113956	14	100	03.04-	112320	12	1.4
Astra H 1.8	[Z18XER]	AC 03.05- 03.07	114121	14	110	02.07-	112320	12	1.4
		03.05-	113956	14	100	03.04-	113276	12	1.1
Astra H 1.8 Ecotec	[Z18XER]	AC 03.05-	114121	14	110	10.03-	113841	12	1.7
		02.07-	114431	14	120				
Astra H 1.8 GTC	[Z18XER]	01.06-	114431	14	120				
Astra H 1.8 i GTC	[Z18XE]					03.05-	113276	12	1.1
Astra H 1.9 CDTi 16V	[Z19DTH]	08.05-	114431	14	120	03.05-	113841	12	1.7
		04.04-	113904	14	140				
Astra H 1.9 CDTi 16V GTC	[Z19DTJ]	04.04-	113956	14	105				
		04.04-	114088	14	140				
Astra H 1.9 CDTi	[Z19DTJ]	04.04-	114204	14	120				
		04.04-	113904	14	140				
Astra H 1.9 CDTi GTC	[Z19DTH]	04.04-	113956	14	105				
		04.04-	114088	14	140				
Astra H 1.9 CDTi	[Z19DTJ]	04.04-	114204	14	120				
		03.05-	113904	14	140	03.05-	113931	12	1.7
Astra H 1.9 CDTi	[Z19DTJ]	03.05-	113956	14	105				
		03.05-	114088	14	140				
Astra H 1.9 CDTi GTC	[Z19DTJ]	03.05-	114204	14	120				
		03.05-	113904	14	140				
Astra H 1.9 CDTi	[Z19DTJ]	03.05-	113956	14	105				
		03.05-	114088	14	140				
Astra H 1.9 CDTi	[Z19DTJ]	03.05-	114204	14	120				
		09.05-	113904	14	140	09.05-	113931	12	1.7
Astra H 1.9 CDTi GTC	[Z19DTJ]	09.05-	113956	14	105				
		09.05-	114088	14	140				
Astra H 2.0 Turbo	[Z20LER]	09.05-	114204	14	120				
		09.04-	113904	14	140	09.04-	113931	12	1.7
Astra H 2.0 Turbo GTC	[Z20LET]	09.04-	113955	14	105	09.04-	113276	12	1.1
		09.04-	114088	14	140	09.04-	114058	12	1.7
Astra J 1.6	[A16LET]	09.04-	114204	14	120				
		08.04-	113904	14	140	08.04-	114058	12	1.7
Astra J 1.6	[A16XER]	09.05-	113904	14	140	09.05-	113931	12	1.7
		09.05-	113955	14	105				
Astra J 1.6	[A16XER]	09.05-	114088	14	140				
		09.05-	114204	14	120				
Astra J 1.6	[A16XER]	01.06-	113904	14	140	01.06-	113931	12	1.7
		01.06-	113955	14	105				
Astra J 1.6	[A16XER]	01.06-	114088	14	140				
		01.06-	114204	14	120				
Astra J 1.6	[A16XER]	03.04-	111848	12	1.0	03.04-	111848	12	1.0
		09.04-	111848	12	1.0	09.04-	111848	12	1.0
Astra J 1.6	[A16XER]	03.05-	111848	12	1.0	03.05-	111848	12	1.0
		03.05-	111848	12	1.0	03.05-	111848	12	1.0
Astra J 1.6	[A16XER]	10.11-	114067	14	140				
		10.10-	114067	14	140				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



Astra J 1.6 Turbo ecotec	[A16LET]	10.10-	114067	14	140						
Astra J 1.8 GTC	[A18XER]	10.11-	114067	14	140						
Astra J 2.0 GTC	[A20DTH]	10.11-	114202	14	100	10.11-	114298	12	1.1		
Astra J 2.0 CDTi	[A20DTH]	06.11-	114202	14	100						
Astra J 2.0 CDTi Sports Tourer	[A20DTH]	08.11-	114202	14	100						
Calibra A 2.0 i 16V	[C20XE]	06.90- 08.91	112056	14	70	06.90- 12.94	110847	12	1.4	BO	
		06.90- 07.97	112229	14	70	06.90- 12.94	111122	12	1.0	DR	
		09.90- 02.94	111514	14	100	01.95- 03.97	111698				
		09.91- 07.97	111169	14	70						
		09.92- 07.97	111426	14	100						
		09.92- 07.97	111732	14	120						
	[X20XEVI]	09.92- 07.97	111426	14	100	02.94- 07.97	111848	12	1.0		
		11.93- 03.97	111732	14	120						
		11.93- 03.97	112229	14	70						
Calibra A 2.0 i 16V 4x4	[C20XE]	06.90- 08.92	112056	14	70	01.95- 03.97	111698				
		09.91- 07.97	111169	14	70	06.90- 12.94	110847	12	1.4	BO	
		09.92- 07.97	111426	14	100	06.90- 12.94	111122	12	1.0	DR	
		09.92- 07.97	111732	14	120						
		09.92- 07.97	112229	14	70						
	[X20XEVI]	11.93- 03.97	111426	14	100	02.94- 07.97	111848	12	1.0		
		11.93- 03.97	111732	14	120						
		11.93- 03.97	112229	14	70						
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14	100	03.92- 12.94	111122	12	1.0	DR	
		03.92- 08.92	112056	14	70	03.92- 12.94	110847	12	1.4	BO	
		09.92- 03.97	111426	14	100	01.95- 07.97	111698				
		09.92- 03.97	111732	14	120						
		09.92- 03.97	112229	14	70						
Calibra A 2.0 i	[C20NE]	06.90- 08.92	111169	14	70	06.90- 07.97	111122	12	1.0	DR	
		06.90- 07.97	111514	14	100	AT 06.90- 07.97	110847	12	1.4		
		06.90- 07.97	112229	14	70	AT 06.90- 07.97	111698				
		09.92- 07.97	111426	14	100						
		09.92- 07.97	111732	14	120						
Calibra A 2.0 i 4x4	[C20NE]	06.90- 08.92	111169	14	70	06.90- 07.97	111122	12	1.0	DR	
		09.92- 07.97	111426	14	100	AT 06.90- 07.97	110847	12	1.4		
		09.92- 07.97	111732	14	120	AT 06.90- 07.97	111698				
		09.92- 07.97	112229	14	70						
Calibra A 2.5 i V6	[C25XE]	04.93- 07.97	111514	14	100	02.93- 11.95	112819#	12	1.4		
		04.93- 07.97	112558#	14	120						
Campo 2.2 Diesel	[C223]	08.91- 09.96	110697	14	50	08.91- 09.96	111683	12	2.0		
	[C223]					09.91-	110979	12	1.0		
Campo 2.2 Diesel 4x4	[C223]	08.91- 09.96	110697	14	50	08.91- 09.96	111683	12	2.0		
Campo 2.3	[Z3P]					08.94- 09.96	110979	12	1.0		
	[4ZD1]	08.91- 09.96	110679	14	60	09.91- 09.96	110979	12	1.0		
Campo 2.3 4x4	[4ZD1]	08.91- 09.96	110679	14	60	08.91- 09.96	110979	12	1.0		
						08.94- 09.96	110979	12	1.0		
Campo 2.5 Diesel	[4JA1]	09.91- 11.95	111267	14	50	12.94- 11.95	112083	12	2.8		
		09.91- 11.95	111767	14	80	09.91- 11.94	111559	12	2.0		
Campo 2.5 DTI	[4JA1]	RHD 08.01-	111767	14	80	12.01-	112083	12	2.8		
Campo 2.5 DTI 4x4	[4JA1]	RHD 08.01-	111767	14	80	12.01-	112083	12	2.8		
Campo 2.5 TD	[4JA1T]	07.94-	111267	14	50	07.94-	112083	12	2.8		
	[4JA1]	02.89- 06.97	111267	14	50	12.89- 08.97	112083	12	2.8		
		02.89- 06.97	111767	14	80						
	[4JA1T]	07.94-	111767	14	80						
Campo 2.5 TD 4x4	[4JA1T]	07.94-	111767	14	80	07.94-	112083	12	2.8		
	[4JA1]	08.91- 06.94	111767	14	80	02.89- 08.97	112083	12	2.8		
	[4JA1T]	07.94-	111267	14	50						
Campo 3.1 TD	[4JG2T]	12.92- 07.95	111267	14	50	12.92- 09.94	111559	12	2.0		
		03.95- 08.97	112228	14	60	12.92-	112083	12	2.8		
Campo 3.1 TD 4x4	[4JG2T]	12.92- 07.95	111267	14	50	10.94-	112083	12	2.8		
		12.92-	112228	14	60						
Combo 1.2 i	[C12NZ]	03.94-	112689	14	55	09.94- 10.01	111684	12	1.4		
		03.94-	113376	14	55	03.94- 09.97	111123	12	0.9		
	PS					09.97- 10.01	113276	12	1.1		
	ATAC 03.94-		112229	14	70	03.94- 09.97	111127	12	1.4		
	AT 03.94-		111166	14	70						
	AT 03.94-		111891	14	70						
	[X12SZ]	07.94-	111426	14	100	08.97- 10.01	113276	12	1.1		
		07.94-	112229	14	70	07.94- 08.97	111123	12	0.9		
		07.94-	112689	14	55						
	PS, Chas. S6000013-										
	Chas. -S6000012	07.94- 10.01	112805	14	55						
Combo 1.3 CDTi 16V	[Z13DT]	08.05-	113720	14	75	08.05-	113719	12	1.3		
		08.05-	113722	14	90	08.05-	113843	12	1.1		
	[Z13DTJ]	10.05-	113720	14	75	10.05-	113719	12	1.3		
		10.05-	113722	14	90	10.05-	113843	12	1.1		
						10.05-	114029	12	1.8		
Combo 1.3 CDTi 16V Tour	[Z13DT]	10.04-	113720	14	75	10.04-	113719	12	1.3		
		10.04-	113722	14	90	10.04-	113843	12	1.1		
Combo 1.4	[C14NZ]	07.94- 03.96	111732	14	120	07.94- 03.96	111123	12	0.9		
		07.94- 03.96	113376	14	55	07.94- 03.96	111127	12	1.4		
	PS 07.94- 03.96		112229	14	70						
	Chas. S6000013- 07.94- 03.96		112689	14	55						
	AT 07.94- 03.96		111166	14	70						
	AT 07.94- 03.96		111891	14	70						
	ACPS 07.94- 03.96		111426	14	100						
	AC, Chas. R4000001- 07.94- 03.96		112229	14	70						
	AC 07.94- 03.96		113376	14	55						
	[X14SZ]					04.96- 10.01	113276	12	1.1		
Combo 1.4 Tour	[Z14XEP]					10.04-	111123	12	0.9		
Combo 1.4 16V	[X14XE]	08.99- 10.01	111426	14	100	08.99- 10.01	111123	12	0.9		
		08.99- 10.01	112229	14	70						
	[Z14XEP]										
Combo 1.4 i	[C14SE]	07.94- 10.01	110077	14	50	09.94- 10.01	111684	12	1.4		
		07.94-	112229	14	70	07.94-	111127	12	1.4		
		07.94-	112689	14	55	08.97- 10.01	113276	12	1.1		
	PS					07.94-	111123	12	0.9		
	PS 07.94-		112229	14	70						
	AT 09.94-		111891	14	70						
	AC 07.94-		111732	14	120						
	AC 07.94-		112229	14	70						
Combo 1.6	[Z16SE]	10.01- 08.04	111990	14	70	10.01-	111684	12	1.4		
		10.01- 08.04	111826#	14	115	10.01- 08.04	113276	12	1.1		
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14	100	12.04-	112320	12	1.4		
Combo 1.7 CDTi 16V Tour	[Z17DTH]	12.04-	113941	14	100						
		AC 12.04-	114121	14	110						
Combo 1.7 Diesel 16V	[Y17DTL]	10.01- 08.04	112271	14	100	10.01- 08.04	112320	12	1.4		
		10.01- 08.04	112272	14	70						
Combo 1.7 Diesel	[17D (4EE1)]	04.94- 06.96	111186	14	70	VP	Eng. 877696- 07.94-	111534	12	1.4	
		07.94-	111515	14	70	VP	Eng. -00877695 07.94-	111136	12	1.4	
		AC 04.96-	111831	14	100	VP					
	[X17D (4EE1)]	Eng. 00975025- 07.94-	111515	14	70		Eng. -00877695 07.94-	111136	12	1.4	
		Eng. -00975024 07.94-	111186	14	70		Eng. 877696- 07.94-	111534	12	1.4	
		AC 04.96-	111831	14	100						

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

Opel Continued

Combo 1.7 DTI 16V	[Y17DT]	10.01-08.04 AC 10.01-08.04	112272 112271	14 14	70 100	10.01-08.04	112320	12	1.4
Commodore A 2.5	[25S]					08.67-08.69	111134		
Commodore A 2.5 GS	[25H]	08.67-01.72	112228	14	60	07.68-01.72	111134		
Commodore B 2.5	[25S]					01.72-07.78	111134		
		02.75-07.78	111178	14	70				
Commodore B 2.5 GS	[25H]					01.72-08.75	111134		
		01.72-08.75	111178	14	70				
Commodore B 2.6	[25S]					01.72-07.78	111134		
		10.76-07.78	111178	14	70				
Commodore B 2.8 GS	[28HC]					01.72-07.78	111134		
		10.76-07.78	111178	14	70				
Commodore B 2.8 GS/E	[28E]					07.72-02.75	111134		
	[28EC]					07.72-02.75	111134		
	[28HC]	03.75-07.78	111178	14	70	03.75-07.78	111134		
Commodore C 2.5	[25S]					08.78-12.82	111134		
		08.78-12.82	111178	14	70				
Commodore C 2.5 E	[25E]	12.80-12.82	111178	14	70	12.80-12.82	111134		
Corsa A 1.0	[10S]	09.82-03.93	111178	14	70	09.82-03.93	110364	12	0.65
		09.82-03.93	111656	14	45	09.82-08.88	111134		
		09.82-03.93	113376	14	55				
		RHD 09.82-03.93	113376	14	55				
Corsa A 1.0 S	[10S]	02.86-03.93	111178	14	70	02.86-08.88	110364	12	0.65
		02.86-03.93	111656	14	45	02.86-08.88	111134		
		02.86-03.93	113376	14	55				
		RHD 02.86-03.93	113376	14	55				
Corsa A 1.2	[12 S]	09.82-08.90	111166	14	70	09.82-08.90	111055	12	0.7
		09.82-08.90	111656	14	45	09.82-08.90	111123	12	0.9
	[12NC]	01.85-12.86	111166	14	70	01.85-12.86	110364	12	0.65
		01.85-12.86	111656	14	45	01.85-12.86	111134		
		01.85-12.86	113376	14	55				
	[12NV]	09.86-03.93	111166	14	70	09.86-03.93	111123	12	0.9
		09.86-08.88	113376	14	55	09.86-03.93	111055	12	0.7
						09.86-03.93	111127	12	1.4
	[12ST]	02.86-04.89	110077	14	50	02.86-08.88	111055	12	0.7
		02.86-04.89	111166	14	70	02.86-04.89	111127	12	1.4
		02.86-08.86	111656	14	45	02.86-04.89	111123	12	0.9
		02.86-08.88	113376	14	55				
	[E12GV]	01.85-03.93	111166	14	70	01.85-03.93	111134		
		01.85-08.86	111656	14	45	01.85-03.93	110364	12	0.65
		01.85-08.88	113376	14	55				
Corsa A 1.2 i	[C12NZ]	09.89-03.93	111166	14	70	09.89-03.93	111055	12	0.7
	[12NC]	09.82-08.86	111656	14	45	01.85-03.93	110364	12	0.65
		09.82-08.88	113376	14	55	01.85-08.88	111134		
		09.84-03.93	111166	14	70				
	[C12NZ]					09.89-03.93	111123	12	0.9
						09.89-03.93	111127	12	1.4
	[E12GV]	01.87-03.93	111166	14	70	01.87-03.93	110364	12	0.65
Corsa A 1.2 N	[12NC]	01.85-03.93	111166	14	70	01.85-03.93	110364	12	0.65
		01.85-08.86	111656	14	45	01.85-08.88	111134		
		01.85-08.88	113376	14	55				
Corsa A 1.2 S	[12S]	09.82-08.88	111166	14	70	09.82-10.87	111123	12	0.9
		09.82-08.94	111656	14	45	09.82-10.87	111055	12	0.7
		04.83-08.94	113376	14	55	09.82-10.87	111127	12	1.4
	[12ST]	09.82-03.93	110077	14	50	09.82-03.93	111055	12	0.7
		09.82-03.93	111166	14	70	09.82-03.93	111127	12	1.4
		09.82-08.86	111656	14	45	09.82-03.93	111123	12	0.9
		09.82-08.88	113376	14	55				
Corsa A 1.3	[13NB]	09.85-03.93	111166	14	70	09.85-03.93	111123	12	0.9
		09.85-08.86	111656	14	45	09.85-03.93	111055	12	0.7
		09.85-08.88	113376	14	55	09.85-03.93	111127	12	1.4
	[13SB]	09.82-08.88	111319	14	105	09.82-03.93	111127	12	1.4
		09.82-08.86	111656	14	45	09.82-03.93	111123	12	0.9
		09.82-08.88	113376	14	55	09.82-03.93	111055	12	0.7
		02.86-04.89	110077	14	50				
		09.88-03.93	111166	14	70				
Corsa A 1.3 i	[13NB]	09.85-03.93	111166	14	70	09.85-03.93	111055	12	0.7
		09.85-08.86	111656	14	45	09.85-03.93	111123	12	0.9
		09.85-08.88	113376	14	55	09.85-03.93	111127	12	1.4
	[C13N]	09.85-03.93	111166	14	70	09.85-03.93	111127	12	1.4
		09.85-08.86	111656	14	45	09.85-03.93	111123	12	0.9
		09.85-08.88	113376	14	55	09.85-03.93	111055	12	0.7
Corsa A 1.3 S	[13SB]	09.82-10.89	110077	14	50	09.82-03.93	111123	12	0.9
		09.82-08.86	111656	14	45	09.82-03.93	111127	12	1.4
		09.82-10.89	113376	14	55	09.82-03.93	111055	12	0.7
		09.84-03.93	111166	14	70				
Corsa A 1.4 i	[C14NZ]	10.89-03.93	111166	14	70	01.90-03.93	111127	12	1.4
						10.89-03.93	111055	12	0.7
						01.90-03.93	111123	12	0.9
	[C14SE]	09.91-03.93	112775	14	70	09.91-03.93	111123	12	0.9
		09.91-03.93	112805	14	55	09.91-03.93	111127	12	1.4
Corsa A 1.4 S	[14NV]	09.89-03.93	111166	14	70	01.90-03.93	111127	12	1.4
						01.90-03.93	111055	12	0.7
						09.89-03.93	111123	12	0.9
Corsa A 1.5 Diesel	[15D (4EC1)]	09.87-02.93	111187	14	70	06.87-03.93	111136	12	1.4
		Chas. M400001-06.87-03.93	111467	14	70				
		Chas. -L4999999-06.87-03.93	111187	14	70				
Corsa A 1.5 TD	[15DT (T4EC1)]	10.87-03.93	111467	14	70	10.87-03.93	111274	12	1.2
		Chas. M400001-10.87-03.93	111187	14	70				
		Chas. -L4999999-10.87-03.93	111187	14	70				
Corsa A 1.6 GSi	[C16NZ]	08.88-09.92	111166	14	70	08.88-09.92	111123	12	0.9
	[C16SE]	05.88-03.93	111166	14	70	05.88-03.93	111123	12	0.9
						05.88-03.93	111127	12	1.4
	[C16SEI]	09.89-03.93	111166	14	70	09.89-03.93	111127	12	1.4
						09.89-03.93	111123	12	0.9
	[E16SE]	05.88-03.92	110077	14	50	05.88-03.93	111123	12	0.9
		05.88-03.93	111166	14	70	05.88-03.93	111127	12	1.4
		05.88-08.88	113376	14	55				
Corsa B 1.0 i 12V	[X10XE]	03.97-	111824	14	70	03.97-	111123	12	0.9
	[X10XE]								
Corsa B 1.2 i 16V	[X12XE]	01.98-	111824	14	70	01.98-	111123	12	0.9
						09.94-08.00	111684	12	1.4
Corsa B 1.2 i	[12NZ]	03.93-09.00	111166	14	70	09.94-09.00	111684	12	1.4
		PS				09.94-09.00	113276	12	1.1
	[C12NZ]	03.93-	111166	14	70	03.93-09.97	111123	12	0.9
		AC 03.93-	112229	14	70	03.93-09.97	111127	12	1.4
	[X12SZ]	03.93-	111166	14	70	03.93-09.97	111127	12	1.4
		03.93-09.94	113376	14	55	03.93-09.97	111123	12	0.9
	[12NZ]	03.93-09.00	111891	14	70				
		03.93-09.00	112229	14	70				
		03.93-09.00	112689	14	55				



	[C12NZ]	03.93- 03.93- 09.94	112689 113376	14 14	55 55				
		PS							
		AT 03.93- AT 09.94-	111166 111891	14 14	70 70				
	[X12SZ]	03.93-	112689	14	55				
		PS							
		AT 03.93- AT 09.94- AC 03.93-	111166 111891 112229	14 14 14	70 70 70				
Corsa B 1.4 i 16V	[X14XE]	09.94- 09.00	111514	14	100	09.94- 09.97 09.94- 09.97	111123 111127	12 12	0.9 1.4
	[C14SEL]	08.97- 09.00	111426	14	100	08.97- 09.00	111123	12	0.9
		08.97- 09.00	112229	14	70				
	[X14XE]	09.94- 09.94- 09.94- 03.96 09.94-	111426 111732 111891 112229	14 14 14 14	100 120 70 70				
Corsa B 1.4 i	[C14NZ]	PS 03.93- 03.96 AC 03.93- 03.96	112229 112229	14 14	70 70	03.93- 03.96 03.93- 03.96	111123 111127	12 12	0.9 1.4
	[X14SZ]	ACPS 09.96- 09.00	112229	14	70	09.96- 08.98	113276	12	1.1
	[C14NZ]	03.93- 09.00 03.93- 03.96 03.93- 09.00 03.93- 03.93- 03.96	110077 111426 111514 112229 112689	14 14 14 14 14	50 100 100 70 55				
		PS							
		AT 03.93- AT 09.94- 03.96 AC 03.93- 03.96 AC 09.93- 03.96	111166 111891 111732 111426	14 14 14 14	70 70 120 100				
	[X14SZ]	03.93- 09.00 03.93- 09.00 09.96- 08.98 09.96- 09.00 09.96- 09.00	110077 111514 111426 111891 112689	14 14 14 14 14	50 100 100 70 55	08.99- 09.00	111123	12	0.9
Corsa B 1.4 Si	[C14SE]	03.93- 09.00 03.93-	111514 112229	14 14	100 70	03.93- 03.93-	111123 111127	12 12	0.9 1.4
	[C14SE]	03.93- 03.93-	111732 112689	14 14	120 55				
		PS							
		AC 03.93- AC 09.93-	112229 111426	14 14	70 100				
Corsa B 1.5 Diesel	[15D (4EC1)]	03.93- 09.00	111515	14	70	Eng. 877696- 03.93- 09.00	111534	12	1.4
		Chas. -L4999999 03.93-	111186	14	70	Eng. -00877695 03.93- 09.00	111136	12	1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	Eng. 00975025- 03.93- Eng. -00975024 03.93-	111515 111186	14 14	70 70	Chas. 877696- 09.94- 09.00	111534 111136	12 12	1.4 1.4
	[X15DT (T4EC1)]	Eng. 00975025- 04.96- Eng. -00975024 04.96-	111515 111186	14 14	70 70	04.96- Chas. 877696- 04.96- 09.00	111136 111534	12 12	1.4 1.4
Corsa B 1.6 GSI 16V	[C16XE]	03.93- 111426 03.93- 112229	14 100 14 70			03.93- 09.97 03.93- 09.97	111127 111123	12 12	1.4 0.9
Corsa B 1.6 i 16V	[X16XE]	09.94- 111426 09.94- 112229	14 100 14 70			09.94- 09.97 09.94- 09.97	111127 111123	12 12	1.4 0.9
	[C16SEL]	08.97- 09.00 111426 08.97- 09.00 112229	14 100 14 70			08.97- 09.00	111123	12	0.9
	[X16XE]	09.94- 09.00 111514	14 100						
Corsa B 1.7 Diesel	[X17D (4EE1)]	02.96- 09.00	111515	14	70	Eng. -00877695 02.96- 09.00 Eng. 877696- 02.96- 09.00	111136 111534	12 12	1.4 1.4
	[17D (4EE1)]	02.96- 09.00	111515	14	70	Eng. -00877695 03.93- 09.00	111136	12	1.4
		Eng. -975024 03.93-	111186	14	70	Eng. 877696- 02.96- 09.00	111534	12	1.4
Corsa C 1.0 Twinport	[Z10XEP]	06.03-	111824	14	70	06.03- 06.03-	113276 111123	12 12	1.1 0.9
Corsa C 1.0 i 12V	[Z10XE]	09.00-	111824	14	70	Chas. 19P00894 09.00- Chas. -19P00893 09.00-	113276 111123	12 12	1.1 0.9
Corsa C 1.2	[Z12XEP]					07.05-	113276	12	1.1
Corsa C 1.2 Twinport	[Z12XEP]					07.04-	111123	12	0.9
Corsa C 1.2 i 16V	[Z12XE]	09.00-	111824	14	70	09.00- 09.00-	113276 111684	12 12	1.1 1.4
	[Z12XE]	Chas. 23000001- 24000001- 26000001-				09.00-	111123	12	0.9
Corsa C 1.3 CDTi 16V	[Z13DT]	08.05- 08.05-	113720 113722	14 14	75 90	08.05- 08.05-	113843 113719	12 12	1.1 1.3
Corsa C 1.3 CDTi	[Z13DT]	06.03- 06.03-	113720 113722	14 14	75 90	06.03- 06.03-	113719 113843	12 12	1.3 1.1
Corsa C 1.4 i 16V	[Z14XE]	09.00- 09.00-	111990 112416	14 14	70 100	09.00- 09.00-	113276 111123	12 12	1.1 0.9
	[Z14XEP]	09.00-	111123						
Corsa C 1.4 Twinport	[Z14XEP]					06.03-	111123	12	0.9
Corsa C 1.7 CDTi	[Z17DTH]	06.03-	113941	14	100	09.03-	112320	12	1.4
Corsa C 1.7 CDTi SE	[Z17DTH]	08.03- 09.06 08.03- 09.06	113941 114121	14 14	100 110				
Corsa C 1.7 Diesel 16V	[Y17DTL]	09.00- AC 09.00-	112272 112271	14 14	70 100	09.00-	112320	12	1.4
Corsa C 1.7 DT	[Y17DTL]	09.00- AC 09.00-	112272 112271	14 14	70 100	09.00-	112320	12	1.4
Corsa C 1.7 DTi 16V	[Y17DT]	09.00- AC 09.00-	112272 112271	14 14	70 100	09.00-	112320	12	1.4
Corsa C 1.7 DTi	[Y17DT]	09.00- AC 09.00-	112272 112271	14 14	70 100	09.00-	112320	12	1.4
Corsa C 1.8 i 16V	[Z18XE]	09.00- 09.00-	111990 112416	14 14	70 100	09.00-	113276	12	1.1
Corsa D 1.0	[A10XEP]	01.10-	114249	14	70				
	[Z10XEP]	07.06-	114249	14	70				
Corsa D 1.2	[A12XEL]	06.10-	114249	14	70	06.10-	113276	12	1.1
	[A12XER]	06.10-	114249	14	70	06.10-	113276	12	1.1
	[Z12XEP]	07.06-	114249	14	70	07.09-	113276	12	1.1
Corsa D 1.2 ecoFlex	[Z12XEP]	09.09-	114249	14	70				
Corsa D 1.3 CDTi	[A13DTC, Z13DTJ]	07.06-	114409	14	100				
	[A13DTR]	06.10-	114409	14	100	06.10-	114029	12	1.8
	[Z13DTE]	06.10-	114409	14	100	06.10-	114029	12	1.8
	[Z13DTH]	07.06-	114409	14	100	07.06-	113843	12	1.1
	[Z13DTJ]	07.06-	114409	14	100	07.06-	113843	12	1.1
Corsa D 1.4	[A14XER]	06.10-	114249	14	70	06.10-	113276	12	1.1
	[Z14XEP]	07.06-	114249	14	70	07.06-	113276	12	1.1
Corsa D 1.4 LPG	[A14XEL]	09.09-	114249	14	70	09.09-	113276	12	1.1
	[Z14XEP]	07.06-	114249	14	70				
Corsa D 1.4 ecoFlex	[Z14XEP]	09.09-	114249	14	70				
Diplomat A 5.4	[54S]	03.69- 01.78	110760						
Diplomat B 2.8	[28E]					03.69- 02.75	111134		
		07.71- 02.75	111178	14	70				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OPEL** *Continued*

Diplomat B 5.4	[54S]	03.69- 01.78	110760								
Frontera A 2.0 i Sport	[C20NE]	03.92- 08.95	111169	14	70			03.92- 08.95	111698		
		03.92- 10.98	111514	14	100			03.92- 08.95	110847	12	1.4 BO
	[X20SE]	03.92- 10.98	111514	14	100			02.95- 10.98	111698		
	[C20NE]							03.92- 08.95	111122	12	1.0 DR
	[X20SE]	02.95- 10.98	111426	14	100						
	AC	02.95- 10.98	111732	14	120						
Frontera A 2.2 i	[X22XE]	03.95-	111426	14	100			03.95-	111848	12	1.0
	[X22XE]	03.95- 10.98	111514	14	100						
	AC	03.95-	111732	14	120						
Frontera A 2.3 TD	[23DTR]	03.92- 08.95	111164	14	70			03.92- 08.95	110844	12	2.2
								03.92- 10.98	110779	12	2.0
Frontera A 2.4 i	[C24NE]	03.92- 08.95	111178	14	70			03.92- 08.95	112225		
Frontera A 2.5 TDS	[25TDS]							06.96-	111724	12	2.0
Frontera A 2.5 TDS Sport	[25TDS]							06.96-	111724	12	2.0
Frontera A 2.8 TD	[4JB1T]	03.95- 10.98	110077	14	50			03.92- 08.98	110807	12	0.85
		03.95- 08.96	111767	14	80			03.95- 08.96	111559	12	2.0
Frontera B 2.2 i	[X22SE]	AC	02.95-	111732	14	120		02.95-	111848	12	1.0
	[X22SE]		02.95-	111426	14	100					
	[Y22SE]							02.95-	111848	12	1.0
Frontera B 2.2 DTI	[Y22DTH]							09.02-	113674	12	2.0
	[X22DTH]										
GT 1.1	[11SR]	09.68- 12.70	110077	14	50			09.68- 12.70	110364	12	0.65
GT 1.9	[19S]							09.68- 08.73	110589		
								09.68- 08.73	110341	12	0.8
Insignia 2.0 CDTi	[A20DTC]							07.08-	113931	12	1.7
	[A20DTH]							07.08-	113931	12	1.7
	[A20DTJ]							07.08-	113931	12	1.7
	[A20DTR]							07.08-	113931	12	1.7
Insignia 2.0 CDTi 4x4	[A20DTH]							06.10-	113931	12	1.7
	[A20DTR]							07.08-	113931	12	1.7
Insignia 2.0 CDTi Caravan	[A20DTC]							07.08-	113931	12	1.7
	[A20DTH]							07.08-	113931	12	1.7
	[A20DTJ]							07.08-	113931	12	1.7
	[A20DTR]							07.08-	113931	12	1.7
Kadett B 1.1	[11N]	09.65- 08.73	110077	14	50			09.65- 08.73	110364	12	0.65
		10.72- 08.73	110925#	14	45						
	[11S]	09.65- 07.71	110077	14	50			09.65- 07.71	110364	12	0.65
	[11SR]	11.66- 07.71	110077	14	50			11.66- 07.71	110364	12	0.65
Kadett B 1.1 S	[11S]	09.65- 07.71	110077	14	50			09.65- 07.71	110364	12	0.65
Kadett B 1.1 SR	[11SR]	11.66- 07.71	110077	14	50			11.66- 07.71	110364	12	0.65
Kadett B 1.2	[12S]	08.71- 08.73	110077	14	50			08.71- 08.73	110364	12	0.65
		10.72- 08.73	110925#	14	45						
Kadett B 1.2 S	[12S]	08.71- 08.73	110077	14	50			08.71- 08.73	110364	12	0.65
		10.72- 08.73	110925#	14	45						
Kadett B 1.5								09.67- 08.71	110341	12	0.8
Kadett B 1.9	[19S]							08.67- 08.73	110589		
								07.68- 08.73	110341	12	0.8
Kadett C 1.0	[10N]	01.74- 07.79	110077	14	50			01.74- 07.79	110364	12	0.65
		01.74- 07.79	110971	14	65						
		01.74- 07.79	110925#	14	45						
Kadett C 1.0 City	[10N]	05.75- 07.79	110077	14	50			01.76- 07.79	110364	12	0.65
		05.75- 07.79	110971	14	65						
		01.76- 07.79	110925#	14	45						
Kadett C 1.2	[12N]	08.73- 07.79	110077	14	50			08.73- 07.79	110364	12	0.65
		08.73- 07.79	110971	14	65						
		08.73- 07.79	110925#	14	45						
Kadett C 1.2 City	[12N]	05.75- 07.79	110077	14	50			01.76- 07.79	110364	12	0.65
		05.75- 07.79	110971	14	65						
		01.76- 07.79	110925#	14	45						
Kadett C 1.2 S	[12S]	08.73- 07.79	110077	14	50			08.73- 07.79	110364	12	0.65
		08.73- 07.79	110971	14	65						
		08.73- 07.79	110925#	14	45						
Kadett C 1.2 S City	[12S]	08.73- 07.79	110077	14	50			08.73- 07.79	110364	12	0.65
		08.73- 07.79	110971	14	65						
		08.73- 07.79	110925#	14	45						
Kadett C 1.6 S	[16S]							05.77- 07.79	110341	12	0.8 BO
		05.77- 07.79	111178	14	70			05.77- 07.79	110589		
Kadett C 1.6 S City	[16S]						05.77- 07.79	110341	12	0.8 BO	
		05.77- 07.79	111178	14	70			05.77- 07.79	110589		
Kadett C 1.9 GT/E	[19E]							09.75- 07.77	110589		
		10.76- 07.77	111178	14	70			09.75- 07.77	110341	12	0.8
Kadett C 2.0 Rally	[20E]							08.77- 07.79	110589		
		08.77- 07.79	111178	14	70			08.77- 07.79	110341	12	0.8
Kadett C 2.0 GT/E	[20EH]						08.77- 07.79	110341	12	0.8	
		08.77- 07.79	111178	14	70			08.77- 07.79	110589		
Kadett D 1.0	[10S]							08.79- 08.84	110364	12	0.65
Kadett D 1.2	[12N]	08.79- 07.82	110077	14	50			08.79- 07.82	110364	12	0.65
		08.79- 07.82	110971	14	65						
		08.79- 08.84	110925#	14	45						
		08.79- 08.84	110077	14	50			08.79- 08.84	110364	12	0.65
Kadett D 1.2 S	[12S]							08.79- 08.84	110555	12	0.7
		08.79- 08.84	110971	14	65						
		08.79- 08.84	110925#	14	45						
	[12ST]	08.82- 08.84	110077	14	50			08.82- 08.84	110555	12	0.7
		08.82- 08.84	111656	14	45						
	08.82- 08.84	110925#	14	45							
Kadett D 1.3	[13N]	08.79- 08.84	110077	14	50			08.79- 08.84	111055	12	0.7
		08.79- 08.84	111656	14	45						
		08.79- 08.84	113376	14	55						
		08.79- 08.84	111656	14	45			08.79- 08.84	111055	12	0.7
Kadett D 1.3 N	[C13N]							08.79- 08.84	111055	12	0.7
		08.79- 08.84	111656	14	45						
		08.79- 08.84	113376	14	55						
		08.79- 08.84	111656	14	45			08.79- 08.84	111055	12	0.7
Kadett D 1.3 S	[13S]							08.79- 08.84	111055	12	0.7
		08.79- 08.84	110077	14	50						
		08.79- 08.84	111656	14	70						
		08.79- 08.84	111656	14	45			08.79- 08.84	111055	12	0.8
Kadett D 1.6 S	[16SH]	09.81- 08.84	110914	14	45			09.81- 08.84	111056	12	0.8
		09.81- 08.84	111168	14	55						
Kadett D 1.6 Diesel	[16D]	03.82- 08.84	110972	14	65			03.82- 08.84	110839	12	1.7
								03.82- 08.84	111057		
Kadett D 1.8 GT/E	[18E]	02.83- 08.84	110914	14	45			02.83- 08.84	111056	12	0.8
		02.83- 08.84	111168	14	55						

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



Kadett E 1.2	[12SC]	09.84- 07.86	110077	14	50	09.84- 07.86	110364	12	0.65
		09.84- 07.86	110971	14	65				
		09.84- 07.86	110925#	14	45				
		05.86- 07.86	110760						
Kadett E 1.2 S	[12SC]	09.84- 07.86	110077	14	50	09.84- 07.86	110364	12	0.65
		09.84- 07.86	110971	14	65				
		09.84- 08.88	110925#	14	45				
		05.86- 07.86	110760						
Kadett E 1.3	[13N]	09.84- 08.91	111166	14	70	09.84- 08.91	111055	12	0.7
		09.84- 07.89	111656	14	45				
		09.84- 07.89	113376	14	55				
	[13NB]	09.84- 08.91	111166	14	70	09.84- 08.91	111055	12	0.7
		09.84- 07.89	111656	14	45				
		09.84- 07.89	113376	14	55				
Kadett E 1.3 Combo	[13N]	01.86- 12.89	111166	14	70	01.86- 12.89	111055	12	0.7
		01.86- 12.89	111656	14	45				
		01.86- 12.89	113376	14	55				
Kadett E 1.3 i	[C13N]	09.85- 08.91	111166	14	70	09.85- 08.91	111055	12	0.7
		09.85- 08.86	111656	14	45				
		09.85- 08.88	113376	14	55				
		09.84- 08.91	111656	14	45				
Kadett E 1.3 S	[13S]	09.84- 08.91	111656	14	45	09.84- 08.87	111055	12	0.7
	[13S]	09.84- 08.87	111166	14	70				
	09.84- 08.87	113376	14	55					
Kadett E 1.3 S Combo	[13S]	01.86- 12.89	111166	14	70	01.86- 12.89	111055	12	0.7
		01.86- 12.89	111656	14	45				
		01.86- 12.89	113376	14	55				
Kadett E 1.4 Combo	[14NV]	07.89- 08.91	111166	14	70	07.89- 08.91	111055	12	0.7
Kadett E 1.4 i	[C14NZ]	09.89- 08.91	111656	14	45	01.90- 08.91	111127	12	1.4
	[C14NZ]	01.90- 08.91	111166	14	70	01.90- 08.91	111055	12	0.7
Kadett E 1.4 i Combo	[C14NZ]	08.91- 07.94	111166	14	70	08.91- 07.94	111123	12	0.9
	[C14NZ]	08.91- 07.94	111166	14	70	08.91- 07.94	111055	12	0.7
Kadett E 1.4 S	[14NV]	01.90- 08.91	111166	14	70	01.90- 08.91	111055	12	0.7
	[C14SE]	09.89- 08.91	111166	14	70	09.89- 08.91	111123	12	0.9
Kadett E 1.5 TD	[15DT (T4EC1)]	09.88- 08.91	111235#	14	70	07.88- 08.91	111274	12	1.2
Kadett E 1.6	[16SV]	09.86- 08.91	110077	14	50	09.86- 08.91	111123	12	0.9
		09.86- 08.91	111166	14	70				
		09.86- 08.91	110925#	14	45				
		09.88- 08.91	111169	14	70				
Kadett E 1.6 Combo	[16SV]	09.86- 12.91	110077	14	50	09.86- 12.91	111123	12	0.9
		09.86- 08.88	111166	14	70				
		09.86- 12.91	110925#	14	45				
		09.88- 12.91	111169	14	70				
Kadett E 1.6 i	[E16NZ]	09.86- 08.88	111656	14	45	09.88- 08.91	111127	12	1.4
		09.86- 08.88	113376	14	55				
		09.88- 08.91	111166	14	70				
	[16SV]	07.89- 02.93	111166	14	70	07.89- 02.93	111123	12	0.9
		PS 07.89- 02.93	111170	14	65				
		09.86- 08.88	111656	14	45				
	[C16LZ]	09.86- 08.88	113376	14	55	09.88- 08.91	111127	12	1.4
		09.88- 08.91	111166	14	70				
		PS 09.86- 08.91	111170	14	65				
	[C16NZ]	09.86- 08.88	111656	14	45	09.86- 08.88	111055	12	0.7
		09.86- 08.88	113376	14	55				
		09.88- 09.93	111166	14	70				
	[E16NZ]	PS 09.86- 09.93	111170	14	65	09.88- 08.91	111127	12	1.4
		09.86- 08.91	110925#	14	45				
PS 09.86- 08.91		111170	14	65					
Kadett E 1.6 i Combo	[C16NZ]	08.91- 07.94	111166	14	70	08.91- 07.94	111123	12	0.9
	PS 08.91- 07.94	111170	14	65					
Kadett E 1.6 S	[16SH]	09.84- 08.86	110914	14	45	09.84- 08.86	111684	12	1.4
		09.84- 08.86	111168	14	55				
		09.84- 08.86	111800	14	70				
	[16SV]	09.86- 08.91	110077	14	50	09.86- 08.88	111055	12	0.7
		09.86- 08.91	111166	14	70				
		09.86- 08.91	110925#	14	45				
Kadett E 1.6 Diesel	[16D]	08.84- 01.89	110972	14	65	08.84- 09.85	110839	12	1.7
	[16DA]	08.84- 01.89	112056	14	70				
Kadett E 1.6 Diesel Combo	[16DA]	08.84- 01.89	110972	14	65	08.84- 09.85	110839	12	1.7
	[16DA]	01.86- 12.89	110972	14	65				
Kadett E 1.7 Diesel	[17D]	08.88- 09.92	112056	14	70	02.89- 08.91	110839	12	1.7
	[17DR]	02.89- 08.91	111168	14	55				
Kadett E 1.7 Diesel Combo	[17D]	02.89- 08.91	112056	14	70	08.88- 09.92	111057		
Kadett E 1.8	[18E]	01.89- 07.94	112056	14	70	01.89- 07.94	111057	12	1.4
		09.86- 08.91	110847	14	70				
		09.86- 08.91	111122	14	70				
		AT 10.85- 08.86	111056	14	70				
Kadett E 1.8 E	[C18NE]	10.85- 08.86	110914	14	45	AT 10.85- 08.86	111056	12	0.8
		10.85- 08.86	111168	14	55				
		10.85- 08.86	111800	14	70				
		10.85- 08.86	111800	14	70				
Kadett E 1.8 GSi	[18E]	09.84- 08.86	110914	14	45	09.84- 08.86	111122	12	1.0 DR
		09.84- 08.86	111168	14	55				
		09.84- 08.86	111800	14	70				
Kadett E 1.8 i	[18E]	09.84- 08.86	110914	14	45	09.84- 08.86	110847	12	1.4 BO
		09.84- 08.86	111168	14	55				
		09.84- 08.86	111800	14	70				
	[C18NE]	10.85- 08.86	110914	14	45	AT 10.85- 08.86	111056	12	0.8
		10.85- 08.86	111168	14	55				
		10.85- 08.86	111800	14	70				
	[C18NT]	08.84- 09.92	110914	14	45	AT 08.84- 09.92	111056	12	0.8
		08.84- 09.92	111168	14	55				
		08.84- 09.92	111800	14	70				
[C18NZ]	09.90- 08.91	111169	14	70	09.90- 08.91	111122	12	1.0 DR	
[S18NV]	09.86- 08.91	111168	14	55	09.86- 08.91	111698	12	1.4 BO	
Kadett E 1.8 S	[E18NV]	09.87- 08.91	111800	14	70	09.87- 08.91	111122	12	1.0 DR
		09.87- 08.91	111168	14	55				
		09.87- 08.91	111800	14	70				
		09.88- 08.91	111169	14	70				
Kadett E 1.8 S	[S18NV]	09.87- 08.91	111168	14	55	09.87- 08.91	111698	12	1.4 BO
		09.87- 08.91	111800	14	70				
		09.87- 08.91	111168	14	55				
		09.88- 08.91	111169	14	70				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**OPEL** *Continued*

Kadett E 2.0	[20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4	BO
		09.86- 08.91	111800	14	70	09.86- 08.91	111122	12	1.0	DR
		09.88- 08.91	111169	14	70					
	[20SEH]	09.86- 08.91	111168	14	55	09.86- 08.91	111122	12	1.0	DR
		09.86- 08.91	111800	14	70	09.86- 08.91	110847	12	1.4	BO
		09.88- 08.91	111169	14	70					
Kadett E 2.0 GSI 16V	[20XE]					12.87- 08.91	110847	12	1.4	
	[20XEJ]	03.88- 08.88	110972	14	65	03.88- 08.91	111122	12	1.0	DR
		03.88- 08.91	112056	14	70	03.88- 08.91	110847	12	1.4	BO
	[C20XE]	03.88- 08.88	110972	14	65	03.88- 08.91	111122	12	1.0	DR
		03.88- 08.91	112056	14	70	03.88- 08.91	110847	12	1.4	BO
Kadett E 2.0 GSI	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	111122	12	1.0	DR
		09.86- 08.91	111800	14	70	09.86- 08.91	110847	12	1.4	BO
		09.88- 08.91	111169	14	70					
Kadett E 2.0 I	[20NE]	09.88- 08.91	111169	14	70	09.86- 08.91	110847	12	1.4	
						09.86- 08.91	111122	12	1.0	
	[20NE]	09.86- 08.91	111168	14	55					
	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4	BO
		09.86- 08.91	111800	14	70	09.86- 08.91	111122	12	1.0	DR
		09.88- 08.91	111169	14	70					
Manta A 1.2	[12S]	04.72- 08.75	110077	14	50	04.72- 08.75	110364	12	0.65	
Manta A 1.6	[16N]					09.70- 08.75	110589	12	0.8	BO
						09.70- 08.75	110341	12	1.0	DR
						09.70- 08.75	110792	12	1.0	DR
	[16S]					02.75- 08.75	110792	12	1.0	DR
						02.75- 08.75	110341	12	0.8	BO
						02.75- 08.75	110589			
Manta A 1.6 S	[16S]					09.70- 08.75	110589	12	0.8	BO
						09.70- 08.75	110341	12	1.0	DR
						09.70- 08.75	110792			
Manta A 1.9 GT/E	[19E]					02.74- 08.75	110589	12	0.8	BO
						02.74- 08.75	110341	12	1.0	DR
						02.74- 08.75	110792			
Manta A 1.9 S	[19S]					09.70- 08.75	110589	12	0.8	BO
						09.70- 08.75	110341	12	1.0	DR
						09.70- 08.75	110792			
Manta B 1.2	[12N]	08.76- 07.83	110077	14	50	08.76- 07.83	110364	12	0.65	
		08.76- 07.83	110971	14	65					
		08.76- 07.83	110925#	14	45					
	[12S]	09.75- 02.79	110077	14	50	09.75- 02.79	110364	12	0.65	
		09.75- 02.79	110971	14	65					
		09.75- 07.79	110925#	14	45					
Manta B 1.3	[13N]	03.79- 12.80	111656	14	45	03.79- 12.80	111055	12	0.7	
		03.79- 12.80	113376	14	55					
Manta B 1.3 S	[13S]	08.79- 08.86	111656	14	45	08.79- 08.86	111055	12	0.7	
		08.79- 08.86	113376	14	55					
		09.84- 08.86	111166	14	70					
Manta B 1.6	[16N]	10.76- 12.80	111178	14	70	09.75- 12.80	110341	12	0.8	BO
						09.75- 12.80	110589	12	0.65	
						09.75- 12.79	110364	12	1.0	DR
						09.75- 12.79	110792	12	1.0	DR
Manta B 1.6 S	[16S]	10.76- 12.80	111178	14	70	09.75- 12.79	110364	12	0.65	
						09.75- 12.81	110589	12	1.0	DR
						09.75- 12.79	110792	12	1.0	DR
						09.75- 12.80	110341	12	0.8	BO
Manta B 1.8 S	[18S]	07.82- 08.87	110914	14	45	07.82- 08.87	111056	12	0.8	
		07.82- 08.87	111168	14	55					
		07.82- 08.87	111800	14	70					
Manta B 1.9	[19E]	10.76- 08.77	111178	14	70	09.75- 08.77	110792	12	1.0	DR
						09.75- 08.77	110589	12	0.8	BO
						09.75- 08.77	110341	12	0.8	BO
	[19N]	10.76- 12.80	111178	14	70	08.76- 12.81	110589	12	1.0	DR
						08.76- 12.79	110792	12	1.0	DR
						08.76- 12.80	110341	12	0.8	BO
Manta B 1.9 S	[19S]	10.76- 07.77	111178	14	70	09.75- 12.80	110589	12	1.0	
						09.75- 07.77	110792	12	1.0	
						09.75- 07.77	110341	12	0.8	
Manta B 2.0	[20E]	08.77- 08.88	111178	14	70	08.77- 08.88	110341	12	0.8	BO
						09.81- 08.88	111134	12	0.8	BO
						08.77- 08.88	110589	12	1.0	DR
						08.77- 12.79	110792	12	1.0	DR
	[20N]	08.77- 12.80	111178	14	70	08.77- 12.79	110792	12	1.0	DR
						08.77- 12.80	110589	12	0.8	BO
						08.77- 12.80	110341	12	0.8	BO
Manta B 2.0 S	[20S]	08.77- 08.85	111178	14	70	08.77- 08.84	110589	12	1.0	DR
						08.77- 12.79	110792	12	1.0	DR
						08.77- 08.85	110341	12	0.8	BO
Manta B 2.4 400	[24E]	07.80- 08.81	111178	14	70	07.80- 08.84	110341	12	0.8	
						07.80- 08.84	110589			
Meriva 1.4 16V Twinport LPG	[Z14XEP]	07.04- 05.10	114249	14	70					
Meriva A 1.3 CDTI	[Z13DTI]					04.05-	113843	12	1.1	
	[Z13DTJ]	09.03-	113722	14	90	09.03-	113843	12	1.1	
Meriva A 1.4 16V Twinport	[Z14XEP]					07.04-	111123	12	0.9	
		07.04-	114249	14	70					
Meriva A 1.6	[Z16SE]	05.03-	111990	14	70	05.03-	113276	12	1.1	
		05.03-	112416	14	100	03.03-	111684	12	1.4	
	[Z16XEP]	01.06-	114431	14	120					
Meriva A 1.6 16V	[Z16XE]	05.03-	111990	14	70	05.03-	113276	12	1.1	
		05.03-	112416	14	100	03.03-	111684	12	1.4	
Meriva A 1.6 Turbo	[Z16LET]	09.05-	114431	14	120					
Meriva A 1.7 CDTI	[Z17DTH]	09.03-	112272	14	70	09.03-	112320	12	1.4	
		09.03-	113941	14	100					
		AC 09.03-	112271	14	100					
Meriva A 1.7 DTI	[Y17DTI]	09.03-	112272	14	70	09.02-	112320	12	1.4	
		AC 09.03-	112271	14	100					
Meriva A 1.8	[Z18XE]	09.02-	112416	14	100	09.02-	113276	12	1.1	
		05.03-	111990	14	70					
Meriva B 1.3 CDTI	[A13DTC]	06.10-	114409	14	100	06.10-	114029	12	1.8	
	[A13DTE]	06.10-	114409	14	100	06.10-	114029	12	1.8	
	[A17DTC]					06.10-	112320	12	1.4	
Meriva B 1.7 CDTI	[A17DTS]					06.10-	112320	12	1.4	
Monterey A 3.1 TD	[4JG2TC]	09.91- 12.97	111267	14	50	09.91- 12.97	112083	12	2.8	
		09.91- 12.97	112228	14	60					
		03.92- 12.97	111767	14	80					
Monterey A 3.2	[6VD1]					I V6 01.91-	113402	12	1.4	
Monterey B 3.0 DTI	[4JX1]	07.98- 08.99	112673	14	70	04.98- 12.99	112083	12	2.8	
		07.98- 08.99	113698	14	90					



Monza A 2.0 i	[H20E]		03.83- 08.86	111178	14	70		03.83- 10.84	111134		
Monza A 2.2 i	[22E]		11.84- 08.86	111178	14	70		11.84- 08.86	110341	12	0.8
								11.84- 08.86	111134		
								11.84- 08.86	110589		
Monza A 2.5 i	[25E]							06.84- 08.86	111134		
	[H25E]							05.81- 08.86	111134		
			05.81- 12.82	111178	14	70					
Monza A 2.8	[28H]							02.78- 04.81	111134		
			02.78- 04.81	111178	14	70					
Monza A 3.0	[30H]							04.78- 07.82	111134		
			04.78- 07.82	111178	14	70					
Monza A 3.0 i	[30E]							02.78- 08.86	111134		
			02.78- 08.86	111178	14	70					
	[C30LE]							09.85- 08.86	111134		
			09.85- 08.86	111178	14	70					
Movano 1.9 DTI	[F90770]	-C001714						09.00-	113256#	12	1.8
	[F90770]										
	[F90774]		10.01- 10.01-	113248	14	120		10.01-	112474	12	1.8
			AC 10.01-	112471	14	125					
Movano 2.2 DTI	[G9T720]		09.00-	112471	14	125		09.00-	112475	12	2.1
	[G9T720]		09.00-	113248	14	120					
			AC 09.00-	113245	14	125					
Movano 2.3 CDTI	[M9T670]							12.10-	114074	12	2.2
	[M9T676]							12.10-	114074	12	2.2
	[M9T680]							12.10-	114074	12	2.2
	[M9T694]							12.10-	114074	12	2.2
	[M9T698]							12.10-	114074	12	2.2
Movano 2.5 CDTI	[G9U632]		08.06-	113837	14	150					
			08.06-	113837	14	150					
Movano 2.5 CDTI Combi	[G9U632]		08.06-	113837	14	150					
			08.06-	113837	14	150					
Movano 2.5 Diesel	[S8U770]		07.98- 01.99-	111937	14	75					
			01.99-	113248	14	120					
			AC 07.98-	112057	14	110					
			AC 01.99-	112471	14	125					
	[S8U772]		10.98- 09.01	111937	14	75		07.98- 09.01	112103	12	2.2
Movano 2.5 DTI	[G9U754]		10.03-	113837	14	150		10.03-	112475	12	2.1
	[G9U720]		10.01-	113248	14	120		10.01-	112475	12	2.1
	[G9U720]		10.01-	112471	14	125					
			AC 10.01-	113245	14	125					
Movano 2.8 DTI	[S9W702]		07.98-	111937	14	75		07.98-	112103	12	2.2
Movano 3.0 DTI	[ZD3-200]		10.03-	113993	14	135		10.03-	114032	12	2.5
	[ZD3-202]		10.03-	113993	14	135		10.03-	114032	12	2.5
	[ZD3200]							10.03-	114032	12	2.5
	[ZD3202]							10.03-	114032	12	2.5
Olympia A 1.0	[11SR]		08.67- 08.71	110077	14	50					
Omega A 1.8	[18NV]		09.86- 08.87	111168	14	55		09.86- 08.87	111122	12	1.0 DR
			09.86- 08.87	111800	14	70		AT 09.86- 08.87	110847	12	1.4 BO
			PS 09.86- 08.87	111170	14	65		Chas. K1000099- 09.86- 08.87	111698		
	[E18NVR]		09.87- 08.88	111168	14	55		AT 09.87- 03.94	110847	12	1.4 BO
			09.87- 08.88	111800	14	70		Chas. K1000099- 09.87- 03.94	111698		
			09.88- 03.94	111169	14	70		09.87- 03.94	111122	12	1.0 DR
			PS 09.87- 08.88	111170	14	65					
Omega A 1.8 i	[18SEH]		09.86- 08.88	111168	14	55		09.86- 03.94	111122	12	1.0 DR
			09.86- 08.88	111800	14	70		Chas. K1000099- 09.86- 03.94	111698		
			09.88- 03.94	111169	14	70		AT 09.86- 03.94	110847	12	1.4 BO
			PS 09.86- 08.88	111170	14	65					
Omega A 1.8 S	[18SV]		09.86- 08.88	111168	14	55		09.86- 03.94	111122	12	1.0 DR
			09.86- 03.94	111800	14	70		Chas. K1000099- 09.86- 03.94	111698		
			09.88- 03.94	111169	14	70		AT 09.86- 03.94	110847	12	1.4 BO
			PS 09.86- 08.88	111170	14	65					
Omega A 2.0 i	[20SE]		09.86- 08.88	111168	14	55		AT 09.86- 03.94	110847	12	1.4 BO
			09.86- 08.88	111800	14	70		09.86- 03.94	111122	12	1.0 DR
			09.88- 03.94	111169	14	70		Chas. K1000099- 09.86- 03.94	111698		
	[C20NE]		09.86- 08.88	111168	14	55		AT 09.86- 03.94	110847	12	1.4 BO
			09.86- 08.88	111800	14	70		Chas. K1000099- 09.86- 03.94	111698		
			09.88- 03.94	111169	14	70		09.86- 03.94	111122	12	1.0 DR
	[C20NEF]		09.90- 03.94	111169	14	70		Chas. K1000099- 09.90- 03.94	111698		
								AT 09.90- 03.94	110847	12	1.4 BO
								09.90- 03.94	111122	12	1.0 DR
	[C20NEJ]		09.90- 03.94	111169	14	70		Chas. K1000099- 09.90- 03.94	111698		
								09.90- 03.94	111122	12	1.0 DR
								AT 09.90- 03.94	110847	12	1.4 BO
								09.90- 03.94	110847	12	1.4 BO
Omega A 2.3 Diesel	[23YD]		09.86- 03.94	111164	14	70	VP	09.86- 03.94	110844	12	2.2
			09.86- 03.94	111669	14	55	VP	09.86- 03.94	110779	12	2.0
Omega A 2.3 TD	[23DTR]		09.88- 03.94	111164	14	70		08.88- 03.94	110779	12	2.0
			09.88- 03.94	111669	14	55		09.88- 03.94	110844	12	2.2
	[23YDT]		09.86- 03.94	111164	14	70	VP	09.86- 08.88	110779	12	2.0
			09.86- 03.94	111669	14	55	VP	09.86- 08.88	110844	12	2.2
Omega A 2.4 i	[C24NE]		09.88- 03.94	111178	14	70		09.88- 03.94	112225		
Omega A 2.6 i	[C26NE]		09.90- 03.94	112801#	14	90		09.90- 03.94	112225		
Omega A 3.0 i 24V	[C30SE]		09.89- 03.94	110077	14	50		09.89- 03.94	112225		
			09.89- 03.94	112801#	14	90					
	[C30SEJ]		09.89- 03.94	110077	14	50		09.89- 03.94	112225		
			09.89- 03.94	112801#	14	90					
Omega A 3.0 i 24V Evolution 500	[C30XEI]							03.91- 07.92	111134		
Omega A 3.0 i	[30NE]		03.87- 08.88	111076	14	50		03.87- 09.90	112225		
	[C30LE]		09.88- 09.90	111178	14	70		03.87- 03.94	112225		
			09.88- 03.94	111178	14	70					
	[C30NE]							03.87- 03.94	112225		
			09.88- 03.94	111178	14	70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



## OPEL Continued

Omega A 3.0 i 3000	[30NE]	03.87- 09.90	110077	14	50	03.87- 09.90	112225		
	[C30LE]	09.88- 03.94	111178	14	70	03.87- 12.87	112225		
	[C30NE]	03.88- 08.88	110077	14	50	03.88- 03.94	112225		
		09.88- 03.94	111178	14	70				
Omega A 3.6 i 24V Lotus	[C36GET]	01.90- 03.94	112801#	14	90	01.90- 03.94	112225		
Omega B 2.0 i 16V	[X20XE]	04.94- 04.94- 04.94-	111426 111732 112229	14 14 14	100 120 70	04.94-	111848	12	1.0
Omega B 2.0 i	[20SE]	03.94- 12.00 03.94- 12.00 03.94- 12.00 03.94- 12.00	111426 111514 111732 112229	14 14 14 14	100 100 120 70	03.94- 12.00	111698		
	[X20SE]	01.94- 03.94- 09.99 04.94- 04.94-	111426 111514 111732 112229	14 14 14 14	100 100 120 70	04.94-	111698		
Omega B 2.0 DTI 16V	[X20DTH]	09.97- 09.97-	111998 111997#	14 14	120 70	09.97- 09.00	113674	12	2.0
Omega B 2.2 i 16V	[Y22XE]	09.99- 07.03 09.99- Chas. -Y1999999 Chas. 11000001- AC 09.99-	111514 112229 111426 112416 111732	14 14 14 14 14	100 70 100 100 120	09.99-	111848	12	1.0
	[Z22XE]	09.99- 07.03 Chas. 11000001- AC 09.99-	111514 112416 112416 111732	14 14 14 14	100 100 100 120	09.99-	111848	12	1.0
Omega B 2.2 DTI 16V	[Y22DTH]	09.00- 09.00- 07.03	112415 113674	14 14	120 100	06.00- 09.03	113674	12	2.0
Omega B 2.5 i V6	[X25XE]	04.94- 04.94- AC	111514 112558#	14 14	100 120	04.94-	112459	12	1.4
Omega B 2.5 DTI	[Y25DT]	09.01- 07.03	112468	14	150	09.01-	113446	12	2.2
Omega B 2.5 TD	[25DT]	04.94-	111788	14	105	04.94- 04.94- 04.94- 04.94-	113446 112533 112533 113446	12 12 12 12	2.2 2.2 2.2 2.2
Omega B 2.6 i V6	[Y26SE]	09.00-	113304#	14	120	09.00-	113266		
Omega B 3.0 i V6	[X30XE]	04.94- 04.94- AC	111514 112558#	14 14	100 120	04.94-	112459	12	1.4
Omega B 3.2 i V6	[Y32SE]	02.01-	113304#	14	120	02.01-	113266		
Rekord C 1.5	[15 ...]					08.66- 12.71 08.66- 12.71	110341 110589	12	0.8
Rekord C 1.7	[17N]	09.68- 12.71	111178	14	70	08.66- 12.71 01.67- 12.71	110589 110341	12	0.8
Rekord C 1.7 S	[17S]					08.66- 12.71 01.67- 12.71	110589 110341	12	0.8
Rekord C 1.9	[19S]	09.68- 12.71 09.68- 12.71	111178 111178	14 14	70 70	08.66- 12.71 01.67- 12.71	110589 110341	12	0.8
Rekord C 1.9 Sprint	[19SH]	09.68- 12.71	111178	14	70	09.68- 12.71 08.67- 12.71	110341 110589	12	0.8
Rekord D 1.7	[17N]					01.72- 08.77 01.72- 08.77 01.72- 08.77	110792 110589 110341	12 12 12	1.0 0.8 BO
Rekord D 1.7 S	[17S]	01.72- 02.75	111178	14	70	01.72- 02.75 01.72- 02.75 01.72- 02.75	110792 110589 110341	12 12 12	1.0 0.8 BO
Rekord D 1.9	[19N]	03.75- 08.77	111178	14	70	03.75- 08.77 03.75- 08.77 03.75- 08.77	110341 110589 110792	12 12 12	0.8 0.8 BO
	[19SH]	03.75- 08.77	111178	14	70	03.75- 08.77 03.75- 08.77 03.75- 08.77	110589 110792 110341	12 12 12	1.0 0.8 BO
Rekord D 1.9 S	[19SH]	01.72- 02.75	111178	14	70	01.72- 02.75 01.72- 02.75 01.72- 02.75	110792 110589 110341	12 12 12	1.0 0.8 BO
Rekord D 2.0	[20S]					09.75- 08.77 09.75- 08.77 09.75- 08.77 09.75- 08.77	110341 110589 110779 110792	12 12 12 12	0.8 0.8 2.0 1.0 DR
Rekord D 2.0 S	[20S]	09.75- 08.77	111178	14	70	09.75- 08.77 09.75- 08.77	110341 110589	12	0.8
Rekord D 2.0 Diesel	[20D]	08.74- 08.77 08.74- 08.77	111656 113376	14 14	45 55	08.74- 08.77	110779	12	2.0
Rekord D 2.1 Diesel	[21D]	09.72- 08.77	113376	14	55	09.72- 08.77	110779	12	2.0
Rekord E 1.7	[17N]					09.77- 10.82 09.77- 10.82 09.77- 10.82	110589 110792 110341	12 12 12	1.0 0.8 0.8
Rekord E 1.8	[18N]	11.82- 08.86 11.82- 08.86 11.82- 08.86	110914 111168 111800	14 14 14	45 55 70	11.82- 08.86	111056	12	0.8
	[C18NV]	05.85- 08.86 05.85- 08.86 05.85- 08.86	110914 111168 111800	14 14 14	45 55 70	05.85- 08.86	111056	12	0.8
Rekord E 1.8 E	[C18NV]	05.85- 08.86 05.85- 08.86 05.85- 08.86	110914 111168 111800	14 14 14	45 55 70	05.85- 08.86	111056	12	0.8
Rekord E 1.8 S	[18S]	11.82- 08.86 11.82- 08.86 11.82- 08.86	110914 111168 111800	14 14 14	45 55 70	11.82- 08.86	111056	12	0.8
Rekord E 1.9	[19N]					09.77- 10.82 09.77- 10.82 09.77- 10.82 09.77- 10.82	110341 110589 110792 110341	12 12 12 12	0.8 0.8 1.0 DR 0.8 BO
Rekord E 1.9 E	[19N]	09.77- 10.82	111178	14	70	09.77- 10.82 09.77- 10.82 09.77- 10.82	110341 110589 110792	12 12 12	0.8 0.8 1.0 DR
Rekord E 2.0	[20E]					09.77- 10.84 09.77- 10.84 11.82- 10.84 11.82- 10.84	110341 110589 110792 111134	12 12 12 12	0.8 0.8 1.0 DR BO
	[20N]	09.77- 10.82	111178	14	70	09.77- 10.82 09.77- 10.82 09.77- 10.82 09.77- 10.82	110779 110792 110589 110341	12 12 12 12	2.0 1.0 DR 0.8 BO







Application list

Opel Continued

Vectra A 1.6	[16SV]	09.88-08.91	111166	14	70	09.88-08.95	111123	12	0.9
		09.91-08.95	111426	14	100	09.88-08.95	111055	12	0.7
		09.91-08.95	112229	14	70	09.88-08.95	111127	12	1.4
		PS 09.88-08.91	111170	14	65				
Vectra A 1.6 i	[16LZ2]	09.83-11.95	113376	14	55	09.93-11.95	111127	12	1.4
		09.93-11.95	111166	14	70	09.93-11.95	111123	12	0.9
		09.93-11.95	111426	14	100	09.93-11.95	111055	12	0.7
		09.93-11.95	112229	14	70				
	[C16NZ]	09.88-11.95	110077	14	50	09.88-11.95	111055	12	0.7
		09.88-08.91	111166	14	70	09.88-08.95	111684	12	1.4
		09.88-11.95	113376	14	55	09.88-11.95	111123	12	0.9
		09.91-09.95	111426	14	100	09.88-11.95	111127	12	1.4
		09.91-09.95	112229	14	70				
		PS 09.88-08.91	111170	14	65				
	[C16NZ2]	09.88-11.95	110077	14	50	09.93-08.95	111055	12	0.7
		09.88-11.95	113376	14	55	09.93-08.95	111123	12	0.9
09.91-09.95		111426	14	100	09.93-08.95	111698			
09.91-09.95		112229	14	70	09.93-08.95	111127	12	1.4	
PS 09.93-08.95		111732	14	120					
PS 09.93-08.95		112229	14	70					
[E16NZ]	09.88-10.93	110077	14	50	09.88-08.95	111127	12	1.4	
	09.88-08.91	111166	14	70	09.88-08.95	111684	12	1.4	
	09.88-08.95	112229	14	70	09.88-08.95	111123	12	0.9	
	09.88-10.90	113376	14	55	09.88-08.95	111055	12	0.7	
	09.91-08.95	111426	14	100					
	PS 09.88-08.91	111170	14	65					
[X16SZ]	09.93-11.95	110077	14	50	09.93-11.95	111123	12	0.9	
	09.93-11.95	111426	14	100	09.93-08.95	111684	12	1.4	
	09.93-11.95	112229	14	70	09.93-11.95	111127	12	1.4	
	09.93-11.95	113376	14	55	09.93-11.95	111055	12	0.7	
Vectra A 1.6 S	[16SV]	09.88-05.93	110077	14	50	09.88-08.95	111055	12	0.7
		09.88-08.91	111166	14	70	09.88-08.95	111123	12	0.9
		09.91-08.95	111426	14	100	09.88-08.95	111684	12	1.4
		09.91-08.95	112229	14	70	09.88-08.95	111127	12	1.4
		PS 09.88-08.91	111170	14	65				
Vectra A 1.7 Diesel	[17D]	10.88-08.95	111168	14	55	10.88-08.95	110839	12	1.7
		10.88-08.95	112056	14	70	10.88-08.95	111057		
	[17DR]	10.88-08.95	112056	14	70	10.88-08.95	111057		
Vectra A 1.7 TD	[17DT]	03.90-08.95	111186	14	70	10.88-08.95	110839	12	1.7
						03.90-08.95	111274	12	1.2
	[X17DT]	03.90-08.95	111186	14	70	10.88-08.95	110839	12	1.7
					03.90-08.95	111274	12	1.2	
Vectra A 1.8 i	[18SV]	09.88-08.91	111169	14	70	09.88-08.95	111698		
		09.91-08.95	111426	14	100	AT 09.88-08.95	111122	12	1.0
		09.91-08.95	112229	14	70	AT 09.88-08.95	110847	12	1.4
	[C18NZ]	03.90-08.91	111169	14	70	AT 03.90-08.95	110847	12	1.4
		03.90-11.95	111514	14	100	AT 03.90-08.95	111122	12	1.0
		09.91-08.95	111426	14	100				
					09.91-08.95	112229	14	70	
Vectra A 1.8 S	[18SV]	09.89-08.95	111169	14	70	AT 09.89-08.95	110847	12	1.4
		09.91-08.95	111426	14	100	AT 09.89-08.95	111122	12	1.0
		09.91-08.95	112229	14	70				
	[E18NVR]	09.88-09.91	111169	14	70	AT 09.88-08.95	111122	12	1.0
		09.88-08.95	112229	14	70	AT 09.88-08.95	110847	12	1.4
					09.91-08.95	111426	14	100	
Vectra A 1.8 S 4x4	[E18NVR]	01.89-08.91	111169	14	70	01.89-08.95	111122	12	1.0
		01.89-08.95	112229	14	70	01.89-08.95	110847	12	1.4
		09.91-08.95	111426	14	100				
Vectra A 2.0 16V 2000 GT	[C20XE]	02.90-08.92	111169	14	70	02.90-11.95	111122	12	1.0
		09.91-08.95	111426	14	100	02.90-11.95	110847	12	1.4
		09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
Vectra A 2.0 16V 2000 GT 4x4	[C20XE]	02.90-08.92	111169	14	70	02.90-08.95	111122	12	1.0
		09.91-08.95	111426	14	100	02.90-08.95	110847	12	1.4
		09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
Vectra A 2.0 GTI	[20SEH]	09.88-08.92	111169	14	70	AT 09.88-08.95	110847	12	1.4
		09.91-08.95	111426	14	100	AT 09.88-08.95	111122	12	1.0
		09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
Vectra A 2.0 i 16V	[20XEJ]	02.89-10.90	111169	14	70	02.89-10.90	110847	12	1.4
						02.89-10.90	111122	12	1.0
	[C20XE]	02.90-09.92	111169	14	70	02.90-08.95	111122	12	1.0
		09.91-08.95	111426	14	100	02.90-08.95	110847	12	1.4
		09.92-08.95	111732	14	120				
						09.92-08.95	112229	14	70
	[X20XEV]	06.94-11.95	111426	14	100	06.94-11.95	111848	12	1.0
06.94-11.95		111514	14	100					
06.94-11.95		111732	14	120					
06.94-11.95		112229	14	70					
Vectra A 2.0 i 16V 2000 4x4	[20XEJ]	01.89-10.90	111169	14	70	01.89-10.90	110847	12	1.4
						01.89-10.90	111122	12	1.0
						01.89-06.94	111122	12	1.0
				01.89-06.94	110847	12	1.4		
Vectra A 2.0 i 16V 4x4	[X20XEV]	06.94-11.95	111426	14	100	06.94-11.95	111848	12	1.0
		06.94-11.95	111732	14	120				
		06.94-11.95	112229	14	70				
Vectra A 2.0 i Turbo 4x4	[C20LET]	09.92-08.95	111426	14	100	09.92-08.95	110847	12	1.4
		09.92-08.95	111732	14	120	09.92-08.95	111122	12	1.0
		09.92-08.95	112229	14	70				
		06.94-11.95	111514	14	100				
Vectra A 2.0 i	[20NE]	09.88-08.92	111169	14	70	AT 09.88-08.95	110847	12	1.4
		09.91-08.95	111426	14	100	AT 09.88-08.95	111122	12	1.0
		09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
	[20SEH]	09.88-09.92	111169	14	70	AT 09.88-08.95	110847	12	1.4
		09.88-08.95	112229	14	70	AT 09.88-08.95	111122	12	1.0
		09.91-08.95	111426	14	100				
		09.92-08.95	111732	14	120				
	[C20NE]	09.88-08.92	111169	14	70	09.88-11.95	111698		
		09.88-11.95	111514	14	100	AT 09.88-11.95	110847	12	1.4
		09.91-08.95	111426	14	100	AT 09.88-11.95	111122	12	1.0
		09.92-08.95	111732	14	120				
					09.92-08.95	112229	14	70	
[C20NEF]	04.88-09.92	111169	14	70	AT 04.88-09.89	110847	12	1.4	
	09.88-	112229	14	70	AT 04.88-09.89	111122	12	1.0	
Vectra A 2.0 i 4x4	[20NE]	01.89-08.92	111169	14	70	01.89-08.95	110847	12	1.4
		09.91-08.95	111426	14	100	01.89-08.95	111122	12	1.0
		09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
	[20SEH]	01.89-09.92	111169	14	70	01.89-09.92	111122	12	1.0
		01.89-08.95	112229	14	70	01.89-09.92	110847	12	1.4
		09.91-08.95	111426	14	100				
		09.92-08.95	111732	14	120				



	[C20NE]	01.89-08.92	111169	14	70		01.89-08.95	111122	12	1.0	DR
		09.91-08.95	111426	14	100		01.89-08.95	110847	12	1.4	BO
		09.92-08.95	111732	14	120						
		09.92-08.95	112229	14	70						
Vectra A 2.5 i V6	[C25XE]	02.93-08.95	111514	14	100		02.93-11.95	112819#	12	1.4	
		02.93-08.95	112558#	14	120						
						AC					
Vectra B 1.6 i 16V	[X16XEL]	09.95-	111426	14	100		09.95-	111123	12	0.9	
		09.95-	111732	14	120		09.95-	111127	12	1.4	
		09.95-	112229	14	70		10.95-	113276	12	1.1	
		10.95-07.02	111514	14	100						
	[Y16XE]	10.95-07.02	111514	14	100		10.95-09.02	111123	12	0.9	
							09.95-09.02	111684	12	1.4	
	[Z16XE]	09.95-07.02	111514	14	100		10.95-09.02	111123	12	0.9	
Vectra B 1.6 i	[16LZZ]	10.95-04.02	111426	14	100		09.95-04.02	111698			
		10.95-04.02	111732	14	120		10.95-	111123	12	0.9	
		10.95-04.02	112229	14	70		10.95-	113276	12	1.1	
	[X16SZR]	09.95-	111426	14	100		09.95-	111127	12	1.4	
		09.95-	111732	14	120		09.95-	111123	12	0.9	
		09.95-	112229	14	70						
		10.95-07.03	111514	14	100						
Vectra B 1.7 TD	[X17DT (TC4EE1)]	09.95-11.96	111515	14	70	VP	09.95-11.96	111690	12	1.1	
		10.95-11.96	111831	14	100						
						AC					
Vectra B 1.8 16V	[X18XE]	10.95-09.00	111732	14	120		10.95-09.00	111848	12	1.0	
	[X18XE]	10.95-09.00	111426	14	100						
		11.96-09.00	112229	14	70						
Vectra B 1.8 i 16V	[X18XE]	09.95-	111426	14	100		09.95-09.00	111848	12	1.0	
		09.95-	111732	14	120						
		09.95-	112229	14	70						
		10.95-09.00	111514	14	100						
	[X18XE1]	10.95-09.00	111514	14	100		06.98-	112431	12	1.1	
		06.98-	111426	14	100						
		06.98-	111732	14	120						
		06.98-	112229	14	70						
	[Z18XE]	09.00-07.03	111514	14	100		09.00-09.02	112431	12	1.1	
		09.00-09.02	111732	14	120						
		09.00-09.02	112229	14	70						
Vectra B 2.0 i 16V	[C20SEL]	10.95-09.00	111514	14	100		10.95-09.02	111848	12	1.0	
	[X20XEVI]	09.95-	111426	14	100		09.95-09.00	111848	12	1.0	
		09.95-	111732	14	120						
		09.95-	112229	14	70						
		10.95-09.00	111514	14	100						
Vectra B 2.0 i	[20NEJ]	10.95-	111426	14	100		10.95-	111698			
		10.95-	111732	14	120						
		10.95-	112229	14	70						
Vectra B 2.0 Diesel 16V	[X20DTL]	09.96-	111998	14	120		11.96-04.02	113674	12	2.0	
		09.96-	111997#	14	70						
Vectra B 2.0 TD 16V	[X20DTH]	09.97-	111998	14	120		06.97-07.03	113674	12	2.0	
		09.97-	111997#	14	70						
	[Y20DTH]										
Vectra B 2.2 i 16V	[Z22SE]	09.00-	112423				06.97-07.03	113674	12	2.0	
		09.00-	113352	14	120		09.00-07.03	114341	12	1.2	
		Chas. 17081352-09.00-	113352	14	120						
Vectra B 2.2 DTI 16V	[Y22DTR]	09.00-	112415	14	120						
		09.00-07.03	113674								
Vectra B 2.5 i V6	[X25XE]	09.95-	111514	14	100						
		09.95-	112558#	14	120						
						AC					
Vectra B 2.5 i	[X25XE]	05.98-	111514	14	100						
		05.98-	112558#	14	120						
Vectra B 2.6 i V6	[Y26SE]	09.00-	113264	14	140						
Vectra B CC 1.8 16V	[X18XE]	10.95-09.00	111732	14	120		10.95-09.00	111848	12	1.0	
	[X18XE]	10.95-09.00	111426	14	100						
Vectra C 1.6	[Z16XEP]	01.06-	114431	14	120		01.06-	113276	12	1.1	
Vectra C 1.6 GTS	[Z16XE]						08.05-	113276	12	1.1	
	[Z16XEP]						01.06-	111123	12	0.9	
Vectra C 1.6 16V	[Z16XE]	06.04-	112416	14	100		06.04-07.05	113276	12	1.1	
Vectra C 1.8	[Z18XEL]	04.02-08.05	112229	14	70						
	[Z18XER]	01.06-	114431	14	120						
Vectra C 1.8 GTS	[Z18XER]	01.06-	114431	14	120						
Vectra C 1.8 i 16V	[Z18XE]	04.02-	112416	14	100		04.02-	113276	12	1.1	
	[Z18XEL]	04.02-	112416	14	100		04.02-	113276	12	1.1	
Vectra C 1.8 i 16V GTS	[Z18XE]	08.02-	112416	14	100						
	[Z18XEL]	08.02-	112416	14	100						
Vectra C 1.8 i	[Z18XE]	10.03-	112416	14	100		09.03-	113276	12	1.1	
Vectra C 1.9 CDTI	[Z19DT]	04.04-	113904	14	140		04.04-	113931	12	1.7	
		04.04-	113955	14	105						
		04.04-	114088	14	140						
		10.05-	114204	14	120						
		Chas. -71111927 04.04-	114204	14	120						
	[Z19DTH]	04.04-	113904	14	140		04.04-	113931	12	1.7	
		04.04-	113955	14	105						
		04.04-	114088	14	140						
		10.05-	114204	14	120						
		Chas. -71111927 04.04-	114204	14	120						
Vectra C 1.9 CDTI GTS	[Z19DT]	04.04-	113904	14	140		04.04-	113931	12	1.7	
		04.04-	113955	14	105						
		04.04-	114088	14	140						
		10.05-	114204	14	120						
		Chas. -71111927 04.04-	114204	14	120						
	[Z19DTH]	04.04-	113904	14	140		04.04-	113931	12	1.7	
		04.04-	113955	14	105						
		04.04-	114088	14	140						
		04.04-	114204	14	120						
Vectra C 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14	120						
		Chas. 31085253-, 03.03-	112423								
		38060500-									
Vectra C 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14	120						
		Chas. 31085253-, 03.03-	112423								
		38060500-									
Vectra C 2.0 Turbo	[Z20NET]	10.03-	113352	14	120						
		Chas. 31085253-, 10.03-	112423								
		38060500-									
Vectra C 2.0 DTI 16V	[Y20DTH]	04.02-	112415	14	120		04.02-	113674	12	2.0	
Vectra C 2.0 DTI 16V GTS	[Y20DTH]	08.02-	112415	14	120		08.02-	113674	12	2.0	
Vectra C 2.0 DTI	[Y20DTH]	10.03-	112415	14	120		10.03-	113674	12	2.0	
Vectra C 2.2 Direct	[Z22YH]	10.03-	113352	14	120		10.03-	114341	12	1.2	
		Chas. 31085253-, 10.03-	112423								
		38060500-									
Vectra C 2.2 GTS Direct	[Z22YH]	10.03-	113352	14	120		10.03-	114341	12	1.2	
		Chas. 31085253-, 10.03-	112423								
		38060500-									
Vectra C 2.2 i 16V	[Z22SE]	04.02-	113352	14	120		04.02-	114341	12	1.2	
		Chas. 31085253-, 04.02-	112423								
		38060500-									

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

Opel Continued

Vectra C 2.2 I 16V GTS	[Z22SE]	08.02- Chas. 31085253-, 08.02- 38060500-	113352 112423	14 120	08.02-	114341	12 1.2
Vectra C 2.2 DTI 16V	[Y22DTR]	04.02-	112415	14 120			
Vectra C 2.2 DTI 16V GTS	[Y22DTR]	08.02-	112415	14 120	08.02-	113674	12 2.0
Vectra C 2.2 DTI	[Y22DTR]	10.03-	112415	14 120	10.03-	113674	12 2.0
Vectra C 3.2 I V6	[Z32SE]	08.02-	113264	14 140			
		RHD 09.03-	113264	14 140			
Vectra C 3.2 I V6 GTS	[Z32SE]	08.02-	113264	14 140			
Vivaro 1.9 Diesel Di	[F9Q762]	08.01- AC 08.01-	113248 112471	14 125	08.01-	112474	12 1.8
Vivaro 1.9 Diesel	[F9Q774]	08.01- AC 08.01-	113248 112471	14 125	08.01-	112474	12 1.8
Vivaro 1.9 DTI	[F9Q760]	08.01- AC 08.01-	113248 112471	14 125	08.01-	112474	12 1.8
Vivaro 2.0 16V	[F4R] [F4R720]	08.06- 08.01- 08.01- AC 08.01- A22 08.01-	114122 113248 114122 113245 112471	14 120 14 150 14 125 14 125			
Vivaro 2.5 CDTI	[C9MB6] [C9U630]	08.06- 08.06-	113837	14 150			
		08.06-	113837	14 150			
Vivaro 2.5 CDTI Combi	[C9U630]	08.06-	113837	14 150			
Vivaro 2.5 DTI	[G9U730]	05.03- AC 05.03-	112471 113245	14 125	05.03-	112475	12 2.1
Zafira 1.6 CNG		07.05- 07.05-	111990 112416	14 100	07.05-	111123	12 0.9
Zafira 1.6 CNG	[A16XNT]	10.11-	114067	14 140			
Zafira 2.0 CDTI	[A20DTH] [A20DTL] [A20DTH] [A20DTL]	10.11- 10.11- 10.11- 10.11-	114202 114202	14 100 14 100	10.11- 10.11- 10.11- 10.11-	114058 114058 113931 113931	12 1.7 12 1.7 12 1.7 12 1.7
Zafira A 1.6 16V	[X16XEL] [Z16XE]	03.99- 03.99- 08.00- 03.99- 03.99- 08.00-	111990 112416 111990 112416	14 70 14 100 14 70 14 100	04.99- 04.99- 09.00- 04.99-	111123 113276 113276 111123	12 0.9 12 1.1 12 1.1 12 0.9
Zafira A 1.6 i	[Z16YNG] [Z16YNG]	09.01-	111990	14 70	09.98- 09.01- 09.01-	111684 111123 113276	12 1.4 12 0.9 12 1.1
Zafira A 1.8 16V	[X18XE1] [Z18XE]	04.99- 04.99- 09.00- 09.00-	111990 112416 111990 112416	14 70 14 70 14 100	04.99- 09.00-	112431	12 1.1 12 1.1
Zafira A 2.0	[Z20LE1]	09.01-	112416	14 100	09.01-	111848	12 1.0
Zafira A 2.0 OPC	[Z20LE1]	11.02-	112416	14 100	09.01-	111848	12 1.0
Zafira A 2.0 Diesel Di 16V	[X20DTL]	10.99- 10.99- 06.05 A19	112415 113879	14 120 14 100	10.99-	113674	12 2.0
Zafira A 2.0 DTI 16V	[Y20DTH]	09.00- 09.00- 06.05 A19	113674 113879	14 100			
Zafira A 2.2 16V	[Z22SE]	09.00- 09.00-	112423 113352	14 120	09.00-	114341	12 1.2
Zafira A 2.2 DTI 16V	[Y22DTR]	01.02-	112415	14 120	01.02-	113674	12 2.0
Zafira B 1.6	[Z16XEP] [Z16XER]	07.05- 01.08-	114431 114431	14 120 14 120	07.05- 07.05-	113276	12 1.1 12 1.1
Zafira B 1.9 CDTI	[Z19DT] [Z19DTH]	07.05- 07.05- 07.05- 07.05- 07.05- 07.05- 07.05- 07.05-	113904 113904 113955 114088 114088 114204 113904 113955 114088 114088 114204	14 140 14 105 14 140 14 120 14 140 14 105 14 140 14 120	07.05-	113931	12 1.7 12 1.7
Zafira B 2.0	[Z20LER]	07.05-	114076	14 120	07.05-	111848	12 1.0
Zafira B 2.2	[Z22YH]	07.05-	114076	14 120	07.05-	114341	12 1.2
Zafira Van 1.7 CDTI	[A17DTJ] [Z17DTJ]	01.08- 01.08-	112320	14 14	01.08- 01.08-	112320	12 1.4 12 1.4
Zafira Van 1.8	[A18XER] [Z18XEP] [Z18XER]	07.05- 07.05- 07.05-	114431 114431 114431	14 120 14 120 14 120			
<b>PASSENGER CARS US</b>							
1900 1.9					01.73- 01.74	110589	
					01.73- 01.74	110341	12 0.8
1900 1.9 Rallye					01.71- 01.72	110589	
					01.71- 01.72	110341	12 0.8
Deluxe 1.1		01.71- 01.71	110925#	14 45			
GT 1.1		01.69- 01.70	110925#	14 45	01.69- 01.70	110364	12 0.65
GT 1.9					01.71- 01.73	110589	
					01.71- 01.73	110341	12 0.8
Isuzu 1.8		01.76- 01.76	110248	14 40	01.76- 01.76	110477#	12 1.2
Kadett 1.1		01.67- 01.72	110925#	14 45	01.67- 01.72	110364	12 0.65
Kadett 1.1 DLX		01.68- 01.70	110925#	14 45	01.68- 01.70	110364	12 0.65
Kadett 1.1 LS		01.68- 01.68	110925#	14 45	01.68- 01.68	110364	12 0.65
Kadett 1.1 Rallye		01.67- 01.67	110364	12 0.65	01.67- 01.67	110364	12 0.65
Kadett 1.1 Rallye DLX		01.68- 01.70	110925#	14 45	01.68- 01.70	110364	12 0.65
Manta 1.9					01.73- 01.74	110589	
					01.73- 01.74	110341	12 0.8
<b>PASSENGER CARS AO</b>							
Corsa A 1.3 GL	[13S]				09.82- 03.93	111055	12 0.7
Corsa A 1.3 TR GL	[13S]				09.82- 03.93	111055	12 0.7
Kadett E 1.6	[E16SE]				09.87- 08.91	111055	12 0.7
Vectra A 2.0 4x4	[C20XE]				09.88- 08.95	110847	12 1.4
					09.88- 08.95	111122	12 1.0
Vectra A 2.5 CD 4x4	[C25XE] [C25XE]	02.93- 08.95 02.93- 08.95	113304# 111514	14 100 14 120	02.93- 08.94	112819#	12 1.4
Zafira 1.6	[Z16YNG]	02.93- 08.95	112558#	14 120	09.02- 06.05	111123	12 0.9
<b>Orenstein and koppel</b>							
<b>MISC.</b>							
Various Models KHD	[F8L413]					114438	24 5.4
<b>Padane</b>							
<b>TRUCKS EU</b>							
ZX 14.6	[OM422.907]	01.81-	113920	28 35			
<b>Payloader</b>							
<b>AGRICULTURE</b>							
Various Models					01.69- 06.76	110523	24 4.8
					01.69- 01.75	110438	12 2.1
					01.69- 12.85	111752	12 2.7
<b>Pegaso</b>							
<b>TRUCKS EU</b>							
1234 12.0		10.85-	110076	28 55			
1334 12.0		04.87-	110076	28 55			
1434 12.0		10.85-	110076	28 55			
1436 12.0		10.85-	110076	28 55			
2434 12.0		04.87-	110076	28 55			

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



5123 10.5		04.87-	110043	28	45				
5317 6.6		01.86-	110043	28	45				
Various Models		10.74- 10.85	110043	28	45				
<b>TRUCKS US</b>									
1236 12.0		04.87-	110076	28	55				
2334 12.0		04.87-	110076	28	55				
Various Models		10.74-	110043	28	45				
<b>Pel Job</b>									
<b>INDUSTRY</b>									
EB150	[Mitsubishi]							112178	12 1.6
								112185	12 1.2
ED.	[Mitsubishi]							112178	12 1.6
								112185	12 1.2
<b>Perkins</b>									
<b>MOTORS</b>									
1004-4 4.0								110615	12 2.8
								113269	12 3.0
								114107	12 3.2
1006-6 6.0								110615	12 2.8
3-152 2.5								110615	12 2.8
403C-07 0.7 3R								112534	12 2.0
403C-10 1.0 3R								112534	12 2.0
403C-11 1.1 3R								112534	12 2.0
403C-15 1.5 3R								112534	12 2.0
404C-20 2.0 4R								112534	12 2.0
404C-22 2.2 4R								112534	12 2.0
404C-22T 2.2 4R44								112534	12 2.0
4-108			112111	14	70		01.89-	110602	12 2.8
			112112	14	70		01.89-	112277	12 1.8
4-154			112111	14	70		01.89-	110602	12 2.8
4-236 3.9			111295	28	55			110615	12 2.8
			112111	14	70				
4-248 4.0							01.87- 01.90	110615	12 2.8
							01.71- 06.90	113534	12 3.0
6-354			111510	28	45		01.80-	110566	24 5.2
			112112	14	70			110449	12 3.6
			112111	14	70		07.87- 12.89	112670	24 4.0
							01.87- 01.89	110615	12 2.8
							07.87- 12.89	113534	12 3.0
							01.80-	110566	24 5.2
6-372									
8-510			112110	28	45			110615	12 2.8
903-27 2.7							01.88-	111097	24 5.5
Various Models	[Komatsu]						01.88-	112277	12 1.8
			113967	14	120	MA		114338	24 4.5
			112491#	14	50	ND		110452	12 3.6
			112111	14	70		01.83- 01.86	110604	12 2.8
			112112	14	70		01.75- 12.86	111007	12
							01.90- 01.94	111024	12 3.6
							02.78- 03.97	111737	12 2.8
								111703	12 2.0
								112091	24 5.2
								112534	12 2.0
							07.87- 12.89	112670	24 4.0
							01.87- 01.89	113654	12 3.0
							01.87- 01.89	113655	12 3.0
							01.70-	110450	12 3.6
								111041	12 2.8
							01.76-	110819	12 2.8
							01.71- 01.90	113534	12 3.0
								113269	12 3.0
								113334	24 6.0
								110590	12 2.8
								110334	
								112089	12
								114388	12 3.2
								114387	12 3.2
								114107	12 3.2
<b>Peterbilt</b>									
<b>TRUCKS US</b>									
Various Models	[Cummins]							114148	12 7.2
								114498	12 4.6
<b>Peterbilt Trucks</b>									
<b>TRUCKS EU</b>									
Various Models							01.80- 01.84	110999	24
							1693 Diesel 01.65- 01.78	110346#	24
							01.97- 01.07	113916	12
<b>Peugeot</b>									
<b>PASSENGER CARS EU</b>									
104 1.0	[108 (XV3)]	10.72- 10.79	111075	14	55				
	[108 (XV5)]	10.72- 06.88	111075	14	55	10.72- 10.79	111068	12	0.85
		08.79- 06.88	110916	14	40				
	[108C (XV8)]	08.79- 06.88	110916	14	40	09.83- 06.88	111068	12	0.85
		08.79- 06.88	111075	14	55				
104 1.1	[109 (XW3)]	08.79- 06.88	110916	14	40				
		08.79- 06.88	111075	14	55				
	[109F (XW7)]	08.79- 06.88	110916	14	40	11.84- 06.88	111068	12	0.85
		08.79- 06.88	111075	14	55				
	[121 (XW3S)]	08.79- 06.88	110916	14	40				
		08.79- 06.88	111075	14	55				
104 1.2	[129 (XZ5)]	08.79- 06.88	110916	14	40	11.84- 07.88	111068	12	0.85
		08.79- 06.83	111075	14	55				
104 1.4	[150 (XY6B)]	08.79- 06.88	110916	14	40	11.84- 07.88	111068	12	0.85
		08.79- 06.84	111075	14	55				
106 1.0	[CDY (TU9M)]	07.92- 04.96	110619	14	70	09.91- 04.96	110584	12	1.2
	[CDZ (TU9M)]	AC 09.91- 04.96	112782	14	80	09.91- 04.96	110584	12	1.2
	[CDY (TU9M)]	09.91- 04.96	110618	14	50				
	[CDZ (TU9M)]	09.91- 04.96	110618	14	50				
		09.91- 04.96	110619	14	70				
106 1.0 i	[CDY (TU9M)]	05.96-	110619	14	70	05.96-	110584	12	1.2
						05.96-	111994	12	0.7
	[CDZ (TU9M)]	01.97-	110619	14	70	01.97-	111994	12	0.7
						01.97-	110584	12	1.2
106 1.1	[HDZ (TU1M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584	12	1.2
	[HDZ (TU1M)]	07.90-	110618	14	50				
106 1.1 i	[HDY (TU1M)]	03.00-	112648	14	70	01.97-	110584	12	1.2
		03.00-	113258			01.97-	111994	12	0.7
		01.97-	110619	14	70				
		AC 01.97-	111723	14	70				
		AC							
	[HDZ (TU1M)]	03.00-	112648	14	70	05.96-	110584	12	1.2
		05.96-	110619	14	70	05.96-	111994	12	0.7
		05.96-	113258						
		AC 05.96-	111723	14	70				
		AC							





PEUGEOT Continued

Application list

	[HFX (TU1JP)]	03.00- 03.00- 05.96-	112648 113258 110619	14 70 14	70	03.00- 05.05 03.00- 05.05	111994 110584	12 12	0.7 1.2
106 1.3	[TU2J2]	10.93- 04.96	110619	14	70	10.93- 04.96	110584	12	1.2
	[TU2J2]	10.93- 04.96	110618	14	50				
106 1.4	[KDX (TU3MC)]	AC 12.92- 04.96	112782	14	80	12.92- 04.96	110584	12	1.2
	[KDY (TU3M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584	12	1.2
	[KFZ (TU3J2/Z)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584	12	1.2
	[KDX (TU3MC)]	12.92- 04.96	110618	14	50				
		12.92- 04.96	110619	14	70				
	[KDY (TU3M)]	09.91- 04.96	110618	14	50				
		09.91- 04.96	112782	14	80				
	[KFZ (TU3J2/Z)]	09.91- 04.96	110618	14	50				
		09.91- 04.96	112782	14	80				
106 1.4 i	[KFW (TU3JP)]	05.96-	110619	14	70	05.96-	110584	12	1.2
	[KFX (TU3JP)]	03.00- 05.96- 05.96- 05.96-	112648 110619 111723 112782	14 70 70 80	70	05.96- 05.96-	111994 110584	12 12	0.7 1.2
106 1.4 Diesel	[K9Y (TUD3Y)]	09.92- 04.96	112701#	14	70	09.92- 04.96	111029	12	1.4
	[K9Y (TUD3Y)]	09.92- 04.96	110618	14	50				
106 1.5 Diesel	[VJX (TUD5)]	10.00-	111532	14	80	10.00-	111029	12	1.4
	[TUD5]	08.94- 04.96	111532	14	80	06.94- 04.96	111029	12	1.4
	[VJY (TUD5)]	12.93- 04.96	112287	14	70	06.94- 04.96	111029	12	1.4
	[TUD5]	06.94- 04.96	112287	14	70				
		06.94- 04.96	112467	14	90				
	[VJX (TUD5)]	07.00-	111893	14	70				
		07.00-	112287	14	70				
	[VJY (TUD5)]	01.94- 04.96	111532	14	80				
		06.94- 04.96	112467	14	90				
106 1.6	[NFZ (TU5JP)]	AC 06.93- 04.96	112782	14	80	06.93- 04.96	110584	12	1.2
	[NFY (TU5J2)]	01.94- 04.96	110618	14	50	01.94- 04.96	110584	12	1.2
		01.94- 04.96	110619	14	70				
		AC 01.94- 04.96	112782	14	80				
	[NFZ (TU5JP)]	06.93- 04.96	110618	14	50				
		06.93- 04.96	110619	14	70				
		09.98-	113404	14	90				
106 1.6 i	[NFW (TU5J2)]	05.96-	111893	14	70				
		05.96- 09.98- 09.98-	112782 113258 113404	14 80 90	80				
	[NFY (TU5J2)]	05.96-	111893	14	70	05.96- 05.96-	110584 111994	12 12	1.2 0.7
		05.96- 09.98-	112782 113258	14 80	80				
	[NFZ (TU5JP)]	05.96-	111723	14	70	05.96- 05.96-	111994 110584	12 12	0.7 1.2
		05.96- 09.98-	112782 113258	14 80	80				
106 1.6 S 16	[NFX (TU5J4)]	05.96- 09.98-	112782 113258	14 80	80	05.96- 05.96-	110584 111994	12 12	1.2 0.7
107 1.0	[CFA(384F)]	06.05- 06.05-	114090 114099	14 80	70	06.05-	113963	12	1.1
107 1.4 HDi	[DV4TED]	06.05-	113755	14	150	06.05- 06.05- 06.05-	113254 111848 113933	12 12 12	1.1 1.0 1.5
205 1.0	[108C (XV8)]	02.83- 10.87 02.83- 10.87 02.83- 10.90	110916 111075 111402	14 55 50	40	02.83- 10.87	111068	12	0.85
	[TU9]	10.87- 09.98 10.87- 09.98 10.87- 09.98 AC 10.87- 09.98	110077 111841 112754 114026	14 50 70 80	50	10.87- 09.98	110584	12	1.2
205 1.1	[109F (XW7)]	02.83- 10.87 10.87	110916 111075	14 55	40	06.89- 10.90 02.83- 10.87	110837# 111068	12 12	1.05 0.85
	[109N (XW7)]	02.83- 10.90 02.83- 10.90 08.86- 10.87 10.87- 10.90 10.87-	111075 111402 110916 110993 112162	14 55 50 50 70	40	06.89- 10.90 08.86- 10.90	110837# 111068	12 12	1.05 0.85
	[H1B (TU1)]	10.87- 10.90 10.87- 10.90 10.87- 10.90	110077 111841 112754	14 50 70	50	10.87- 10.90	110584	12	1.2
	[HDZ (TU1M)]	07.89- 09.98 07.89- 09.98 07.89- 09.98 AC 07.89- 09.98	110077 111841 112754 114026	14 50 70 80	50	07.89- 09.98	110584	12	1.2
						06.89- 10.90	110837#	12	1.05
205 1.1 CJ	[HDZ (TU1M)]	10.89- 12.94	110077	14	50	10.89-	110584	12	1.2
	[HDZ (TU1M)]	10.89- 10.89- 12.94	111841 112754	14 70	50				
205 1.2	[F1]					01.84-	110837#	12	1.05
205 1.3		02.84- 10.87	110993	14	50	02.84- 10.87	110837#	12	1.05
205 1.3 Rally	[TU24]	AC 10.87- 10.90	114026	14	80	10.87- 10.90	110584	12	1.2
205 1.4	[150 (XY6B)]	02.83- 10.87	110993	14	50	02.83- 10.87	111068	12	0.85
	[150 (XY6B)]	02.83- 10.87	111075	14	55				
		02.83- 10.87	111402	14	50				
	[150B (XY8)]	02.83- 10.87	110916	14	40	02.83- 10.87	111068	12	0.85
		02.83- 12.88	110993	14	50				
		02.83- 12.88	111402	14	50				
		12.88	111075	14	55				
	[150D (XY7)]	02.83- 10.87	110916	14	40	02.83- 05.89	111068	12	0.85
		02.83- 05.89	110993	14	50				
		02.83- 05.89	111075	14	55				
		10.87- 05.89	111841	14	50				
	[150G (XY7)]	10.87- 10.90	111075	14	55				
		10.87- 10.90	111402	14	50				
	[150H (XY8)]	02.83- 12.88	111402	14	50	10.85- 05.89	111068	12	0.85
		10.85- 10.87	110916	14	40				
		10.85- 05.89	110993	14	50				
		10.85- 05.89	111075	14	55				
		07.88- 05.89	111841	14	50				
	[K1D (TU3A)]	10.87- 10.90	110077	14	50	10.87- 10.90	110584	12	1.2
		10.87- 10.90	111841	14	50				
		10.87- 10.90	112754	14	70				
	[K2B (TU3S)]	06.87- 12.89	110077	14	50	06.87- 12.89	110584	12	1.2
		06.87- 12.89	111841	14	50				
		06.87- 12.89	112754	14	70				
	[KAY (TU3CP)]	08.87- 09.93	110077	14	50	08.87- 09.93	110584	12	1.2
		08.87- 09.93	112754	14	70				
		01.89- 09.93	111841	14	50				
	[KDY (TU3M)]	07.88- 09.98	110077	14	50	07.88- 09.98	110584	12	1.2
		07.88- 09.98	111841	14	50				
		07.88- 09.98	112754	14	70				
		AC 07.88- 09.98	114026	14	80				



	[KDZ (TU3M)]	07.88- 09.98	110077	14	50		07.88- 09.98	110584	12	1.2
		07.88- 10.90	111841	14	50					
		07.88- 09.98	112754	14	70					
		AC 07.88- 09.98	114026	14	80					
	[KFX (TU3JP)]	07.88- 09.98	110077	14	50					
	[YZA]	06.87- 12.89	110993	14	50		06.87- 12.92	110837#	12	1.05
		AC 06.87- 12.89	110993	14	50					
205 1.4 CJ	[150D (XY7)]	03.88- 05.89	111841	14	50		03.88- 05.89	111068	12	0.85
	[150G (XY7)]	10.87- 10.90	110993	14	50		10.87- 10.90	111068	12	0.85
	[K1D (TU3A)]	03.89- 11.841	14	50			03.89- 11.841	110584	12	1.2
	[KDY (TU3M)]	05.91- 11.841	14	50			05.91- 11.841	110584	12	1.2
	[KDZ (TU3M)]	06.91- 12.94	111841	14	50		06.91- 12.94	110584	12	1.2
	[150D (XY7)]	03.88- 05.89	110993	14	50					
		03.88- 05.89	111075	14	55					
	[150G (XY7)]	10.87- 10.90	111075	14	55					
	[K1D (TU3A)]	03.89- 12.94	110077	14	50					
		03.89- 12.94	112754	14	70					
	[KDY (TU3M)]	05.91- 12.94	110077	14	50					
		05.91- 12.94	112754	14	70					
	[KDZ (TU3M)]	05.91- 12.94	110077	14	50					
		05.91- 12.94	112754	14	70					
205 1.4 CT	[150B (XY8)]	04.86- 12.88	110993	14	50		02.83- 12.88	111068	12	0.85
	[150H (XY8)]	02.83- 12.88	111402	14	50		02.83- 12.88	111068	12	0.85
		02.83- 12.88	111402	14	50					
		04.86- 12.88	111075	14	55					
	[150H (XY8)]	02.83- 12.88	110993	14	50					
		02.83- 12.88	111075	14	55					
205 1.6	[BAZ (XU5CP)]	02.83- 10.87	111076	14	50		02.83- 09.98	110587	12	1.2
	[B1A (XU51C)]	08.86- 10.87	111076	14	50		02.83- 10.87	110587	12	1.2
		08.86- 10.87	112162	14	70		11.90- 09.98	111130	12	1.1
	[B1E (XU51C)]	03.87- 10.87	111076	14	50		10.87-	111130	12	1.1
		03.87- 10.87	112162	14	70		03.87- 10.87	110587	12	1.2
	[BDY (XU5M2Z)]	05.90- 09.98	111076	14	50		05.90- 09.98	111130	12	1.1
		05.90- 09.98	112162	14	70		05.90- 09.98	110587	12	1.2
	[BDY (XU5M3Z)]	05.90- 09.98	111076	14	50		05.90- 09.98	111130	12	1.1
		05.90- 09.98	112162	14	70		05.90- 09.98	110587	12	1.2
	[XU51C]						10.87- 09.98	110587	12	1.2
205 1.6 CJ	[BDY (XU5M3Z)]	08.92-	112162	14	70		08.92-	111130	12	1.1
								110587	12	1.2
205 1.6 CTI	[180A (XU5J)]	04.86- 10.90	111076	14	50		04.86- 10.90	110587	12	1.2
		04.86- 10.90	111173#	14	80		04.86- 10.90	111130	12	1.1
	[180Z (XU5J)]	04.86- 10.90	111076	14	50		10.83- 10.87	110587	12	1.2
	[180A (XU5J)]	04.86- 10.90	112162	14	70					
205 1.6 GTX		01.87- 10.91	110993	14	50					
205 1.6 GTI	[180A (XU5J)]	03.84- 12.89	111076	14	50		01.84-	110837#	12	1.05
		03.84- 12.89	111173#	14	80		12.84- 12.89	110587	12	1.2
		12.84- 10.87	112162	14	70		10.87- 12.89	111130	12	1.1
	[180Z (XU5J)]	10.87- 12.89	111076	14	50					
	[XU5JA]	10.87- 12.89	111076	14	50		10.87- 12.89	110587	12	1.2
205 1.7 Diesel	[161A (XUD7)]	03.94-	111076	14	50		03.94-	111070	12	1.7
		03.94-	111173#	14	80					
205 1.8 Diesel	[161A (XUD7)]	08.83- 12.89	111076	14	50		08.83- 12.89	111070	12	1.7
		08.83- 12.89	111173#	14	80					
	[ABB (XUD7TE)]	01.90-	111076	14	50		11.90- 09.98	111070	12	1.7
		01.90-	111173#	14	80					
205 1.9 CTI	[DFZ (XU9J1)]	10.87-	111076	14	50		10.87-	110587	12	1.2
		10.87-	112162	14	70		10.87-	111130	12	1.1
205 1.9 GTI	[D2A (XU92C)]	10.87- 05.89	111076	14	50		10.87- 05.89	110587	12	1.2
		10.87- 05.89	112162	14	70					
	[D6B (XU9JA)]	10.86- 09.98	111076	14	50		10.86- 09.98	110587	12	1.2
		10.86- 09.98	112162	14	70		10.86-	110837#	12	1.05
							11.90- 09.98	111130	12	1.1
	[DFZ (XU9J1)]	03.87- 07.94	111076	14	50		11.90- 07.94	111130	12	1.1
		03.87- 07.94	112162	14	70		03.87- 07.94	110587	12	1.2
	[DKZ (XU9JAZ)]	10.87- 10.94	111076	14	50		10.87- 10.94	110587	12	1.2
		10.87- 10.94	112162	14	70		11.90- 10.94	111130	12	1.1
205 1.9 Diesel	[DJZ (XUD9V)]	10.87- 09.98	111076	14	50		10.87- 09.98	111070	12	1.7
		10.87- 09.98	112162	14	70					
206 1.1	[HFX (TU1JP)]	03.02-	113603	14	80		07.02-	110584	12	1.2
		07.02-	113575	14	80		07.02-	111994	12	0.7
		PS 07.02-	113405	14	70					
		ACPS 07.02-	112469	14	90					
206 1.1 i	[HFX (TU1JP)]	03.00-	113503	14	120		03.00-	110584	12	1.2
		PS 03.00-	112058	14	70		06.98-	111994	12	0.7
	[HFZ (TU1JP)]	PS 09.98-	113405	14	70		06.98-	111994	12	0.7
	[HFX (TU1JP)]	03.00-	113603	14	80					
		09.98-	113575	14	80					
		06.98-	113603	14	80					
		09.98-	112469	14	90					
		09.98-	113575	14	80					
		ACPS 09.98-	112469	14	90					
206 1.4	[KFW (TU3JP)]	03.02-	113603	14	80		07.02-	110584	12	1.2
		07.02-	113575	14	80		07.02-	111994	12	0.7
		PS 07.02-	113405	14	70					
		ACPS 07.02-	112469	14	90					
206 1.4 16V	[KFU (ET3J4)]	10.03-	112469	14	90		10.03-	111994	12	0.7
		10.03-	113575	14	80		10.03-	110584	12	1.2
	[KFU (ET3J4)]	10.03-	113405	14	70					
206 1.4 i	[KFW (TU3JP)]	03.00-	113603	14	80		03.00-	110584	12	1.2
		09.98-	113575	14	80		06.98-	111994	12	0.7
	[KFX (TU3JP)]	09.98-	112469	14	90		09.98-	110584	12	1.2
		PS 09.98-	113405	14	70		06.98-	111994	12	0.7
	[KFW (TU3JP)]	PS 03.00-	112058	14	70					
	[KFX (TU3JP)]	06.98-	113603	14	80					
		09.98-	113575	14	80					
		ACPS 09.98-	113405	14	70					
206 1.4 HDI	2A/C	09.02- 02.07	113948	14	150		09.02- 02.07	113254	12	1.1
	[8HX (DV4TD)]	07.02-	113755	14	150		07.02-	113254	12	1.1
		07.02-	113948	14	150					
206 1.4 HDI eco	[8HX (DV4TD)]	09.01-	113755	14	150		09.01-	113933	12	1.5
		09.01-	113948	14	150		09.01-	113254	12	1.1
	[8HZ (DV4TD)]	09.01-	113755	14	150		09.01-	113254	12	1.1
		09.01-	113948	14	150		09.01-	113933	12	1.5
206 1.4 HDI eco 70	[8HX (DV4TD)]						09.08-	113254	12	1.1
							09.08-	113933	12	1.5
206 1.6 16V	[NFU (TU5JP4)]	09.00-	113575	14	80		09.00-	111994	12	0.7
		03.00-	113603	14	80		09.00-	110584	12	1.2
		09.00-	112058	14	70					
		09.00-	112469	14	90					
		09.00-	113405	14	70					
		12.00-	112480	14	90					
		PS 07.02-	113405	14	70					
		ACPS 09.00-	112480	14	90					
		ACPS 07.02-	112469	14	90					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

206 1.6 i	[NFZ (TU5JP)]	09.98-	112058	14	70	06.98-	111994	12	0.7
		PS 09.98-	113405	14	70	06.98-	110584	12	1.2
	[NFZ (TU5JP)]	06.98-	113603	14	80				
		09.98-	112469	14	90				
206 1.6 HDi		09.98-	113575	14	80				
		ACPS 09.98-	112469	14	90				
	[9HZ (DV6TED4)]	04.05-	113640	14	150	04.05-	113254	12	1.1
	[9HZ (DV6TED4)]					04.05-	113933	12	1.5
206 1.6 HDi FAP		04.05-	114030			04.05-	114030	12	2.2
	[9HY (DV6TED4)]	05.04-	113503	14	120	05.04-	114030	12	2.2
		05.04-	113640	14	150	05.04-	113254	12	1.1
	[9HZ (DV6TED4)]					05.04-	114030	12	2.2
	[9HZ (DV6TED4)]	05.04-	113503	14	120	05.04-	113254	12	1.1
	[9HZ (DV6TED4)]	05.04-	113640	14	150	05.04-	113933	12	1.5
206 1.9 Diesel	[9HY (DV6TED4)]					05.04-	113933	12	1.5
	[WJZ (DW8)]	06.98-	113603	14	80	09.98-	111070	12	1.7
		ACPS 09.98-	112480	14	90	09.98-	114460	12	1.4
	[WJZ (DW8)]	09.98-	112058	14	70				
206 2.0 RC		09.98-	112480	14	90				
	[RFK (EW10J4S)]					07.03-	111730	12	1.0
206 2.0 16V	[RFN (EW10J4)]	03.02-	113503	14	120	03.02-	112347		
206 2.0 S 16	[RFN (EW10J4)]	05.00-	113405	14	70	A13 09.00-	112347		
	[RFR (DEW10J4)]	04.99-	112480	14	90				
	[RFN (EW10J4)]	05.00-	112058	14	70				
		05.00-	112480	14	90				
	[RFR (DEW10J4)]	04.99-	112058	14	70				
	[RFR (DEW10J4)]					04.99-	10.00	112347	
206 2.0 HDi	[RHY (DW10TD)]	12.99-	112460	14	150	12.99-	111070	12	1.7
		12.99-	112480	14	90	12.99-	114460	12	1.4
	[RHY (DW10TD)]	03.02-	113503	14	120				
		12.99-	113640	14	150				
207 1.4	[KFW (TU3A)]					02.06-	110584	12	1.2
207 1.4 16V	[EP3]					06.07-	113960	12	0.9
	[KFU (ET3J4)]					02.06-	110584	12	1.2
207 1.4 HDi	[8HZ (DV4TD)]	02.06-	113640	14	150	02.06-	113933	12	1.5
	[8HZ (DV4TD)]					02.06-	113254	12	1.1
	[8HZ (DV4TD)]					02.06-	111848	12	1.0
	[8HZ (DV4TD)]					02.06-	113960	12	0.9
207 1.6 16V	[5FW (EP6)]					06.07-	113960	12	0.9
	[EP6]					02.07-	113960	12	0.9
207 1.6 16V RC	[NFU (TU5JP4)]					02.06-	110584	12	1.2
207 1.6 Turbo 16V	[EP6DTS]					02.07-	113960	12	0.9
	[5FX (EP6DT)]					02.06-	113960	12	0.9
207 1.6 VTI 16V	[EP6DT]					02.07-	113960	12	0.9
	[EP6]					02.07-	113960	12	0.9
207 1.6 HDi	[9HX (DV6ATED4)]					02.06-	114030	12	2.2
	[9HZ (DV6TED4)]					02.06-	113933	12	1.5
	[DV6TED4]	02.07-	113640	14	150	02.07-	113254	12	1.1
	[9HX (DV6ATED4)]	02.06-	113640	14	150	02.06-	113254	12	1.1
	[9HZ (DV6TED4)]	02.06-	113640	14	150	02.06-	114030	12	2.2
	[9HL (DV6C)]					08.09-	113933	12	1.5
						08.09-	114030	12	2.2
	[9HX (DV6ATED4)]					02.06-	113933	12	1.5
	[9HY (DV6TED4)]					02.06-	113254	12	1.1
						02.06-	113933	12	1.5
						02.06-	114030	12	2.2
	[9HZ (DV6TED4)]					02.06-	111848	12	1.0
						02.06-	113254	12	1.1
	[DV6DTEd]					11.09-	113933	12	1.5
					11.09-	114030	12	2.2	
[DV6TED4]					02.07-	113933	12	1.5	
					02.07-	114030	12	2.2	
208 1.4 HDi						03.12-	113933	12	1.5
208 1.6						03.12-	113254	12	1.1
						03.12-	113960	12	0.9
208 1.6 HDi						03.12-	114030	12	2.2
						03.12-	113933	12	1.5
305 1.6						03.12-	113254	12	1.1
	[171 (XU5S)]	10.82- 12.87	111076	14	50	10.82- 12.87	111130	12	1.1
						10.82- 12.87	110587	12	1.2
	[171(XU5S)]	10.82- 06.88	111076	14	50	10.82- 06.88	111130	12	1.1
						10.82- 06.88	110587	12	1.2
	[B1A (XU51C)]	10.82- 12.88	111076	14	50	10.82- 12.88	110587	12	1.2
305 1.9						10.82- 12.88	111130	12	1.1
						11.86- 12.88	111130	12	1.1
	[159 (XU9S)]	10.82- 10.87	111076	14	50	10.82- 10.87	110587	12	1.2
		10.82- 12.88	112162	14	70	10.82- 10.87	111130	12	1.1
		10.82- 10.87	111173#	14	80				
	[DFZ (XU9J1)]	11.86- 12.88	111076	14	50	11.86- 12.88	110587	12	1.2
305 1.9 Diesel						11.86- 12.88	111130	12	1.1
	[162 (XUD9)]	10.82- 12.88	111076	14	50	10.82- 12.88	111070	12	1.7
		10.82- 12.88	112162	14	70				
		10.82- 12.88	111173#	14	80				
	[D9A (XUD9)]	10.82- 12.88	111076	14	50	10.82- 12.88	111070	12	1.7
306 1.1									
	[HDZ (TU1M)]	01.93-	112782	14	80	01.93-	110584	12	1.2
	[HDZ (TU1M)]	01.93-	110618	14	50				
		05.93- 05.01	110619	14	70				
306 1.4	[KDX (TU3MC)]	AC 01.93-	112782	14	80	01.93-	110584	12	1.2
	[KFX (TU3JP)]	09.96-	112782	14	80	09.96-	110584	12	1.2
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80	10.00- 10.03	110584	12	1.2
	[KDX (TU3MC)]	01.93-	110618	14	50				
		05.93- 05.01	110619	14	70				
	[KFW (TU3JP)]	05.93- 05.01	110619	14	70				
306 1.4 SL	[KFX (TU3JP)]	05.93- 05.01	110619	14	70				
	[KFX (TU3JP)]	09.96-	110618	14	50				
	[KDX (TU3MC)]	ACPS 02.93-	112782	14	80	02.93-	110584	12	1.2
	[KFX (TU3JP)]	09.96-	110618	14	50	09.96-	110584	12	1.2
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80	10.00- 10.03	110584	12	1.2
	[KDX (TU3MC)]	02.93-	110618	14	50				
306 1.4 i									
	[KFW (TU3JP)]	06.94- 05.01	110619	14	70				
	[KFX (TU3JP)]	06.94- 05.01	110619	14	70				
		ACPS 09.96-	112782	14	80				
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80	03.97-	110584	12	1.2
	[KFX (TU3JP)]	03.97- 04.02	110619	14	70	03.97-	110584	12	1.2
306 1.6	[KFW (TU3JP)]	03.97- 04.02	110619	14	70				
	[KFX (TU3JP)]	03.97-	111723	14	70				
	[NFZ (TU5JP)]	05.93- 10.00	110619	14	70	01.93-	110584	12	1.2
	[NFT (TU5JP/L4)]	PS 10.00-	111723	14	70	10.00-	110584	12	1.2
306 1.6 SR	[NFT (TU5JP/L4)]	10.00- 04.02	110619	14	70				
		10.00-	112782	14	80				
	[NFZ (TU5JP)]	02.93-	110618	14	50				
		03.97-	111723	14	70				
		ACPS 01.93-	112782	14	80				
	[NFZ (TU5JP)]	06.94- 10.00	110619	14	70	06.94-	110584	12	1.2
	ACPS 06.94-	112782	14	80					



306 1.8	[LFZ (XU7JP)]	01.93-	112793	14	70	03.93-	111070	12	1.7		
	[LFZ (XU7JP)]	01.93-	112299	14	95	01.93-	111130	12	1.1		
		03.94-	112298	14	80	01.93-	113443	12	1.4		
	[LFZ (XU7JP)]	01.93-	113438#	14	80						
306 1.8 ST	[LFZ (XU7JP)]	AC 03.97-	112298	14	80						
	[LFZ (XU7JP)]	06.94-	112793	14	70	06.94-	113443	12	1.4		
306 1.8 16V	[LFZ (XU7JP)]	06.94-	113438#	14	80	06.94-	111130	12	1.1		
	[LFY (XU7JP4)]	06.94-	112299	14	95						
	[LFY (XU7JP4)]	03.97-	111318	14	80	03.97-	113443	12	1.4		
	[LFY (XU7JP4)]	03.97-	113604	14	95	03.97-	111130	12	1.1		
306 1.8 Diesel	[LFY (XU7JP4)]	AC 03.97-	111318	14	80						
	[A9A (XUD7)]	05.93-	02.02	112292	14	70	05.93-	05.01	114460	12	1.4
	[A9A (XUD7)]	ACPS 06.95-	02.02	113485	14	80	04.97-	10.03	111070	12	1.7
	[A9A (XUD7)]	05.93-	02.02	112230	14	90					
306 1.9 Diesel	[DJZ (XUD9Y)]	05.93-	06.94	112230	14	90	05.93-	06.94	111129	12	1.4
	[DJZ (XUD9Y)]	ACPS 05.93-	06.94	112230	14	90	05.93-	06.94	111070	12	1.7
	[DJZ (XUD9Y)]	06.94-	04.97	112292	14	70	06.94-	111070	12	1.7	
	[DJY (XUD9A)]	06.94-	04.97	112292	14	70	06.94-	111070	12	1.7	
	[DHW (XUD9BSD)]	PS 03.98-	112688	14	95	03.98-	05.01	114460	12	1.4	
	[WJZ (DW8)]	09.98-	10.03	112058	14	70	09.98-	04.02	114460	12	1.4
	[DJY (XUD9A)]	03.97-	112298	14	80	03.97-	04.02	114460	12	1.4	
	[WJZ (DW8B)]	09.99-	10.03	112058	14	70	09.99-	10.03	111070	12	1.7
	[WJZ (DW8)]	09.98-	10.03	113603	14	80	09.98-	10.03	111070	12	1.7
	[WJZ (DW8B)]	09.99-	10.03	113603	14	80	09.98-	05.01	114460	12	1.4
	[DHW (XUD9BSD)]	PS 03.98-	113485	14	80	05.97-	10.03	111070	12	1.7	
	[XUD9TE]	02.94-	04.99	112230	14	90	02.94-	04.99	111070	12	1.7
	[DHW (XUD9BSD)]	03.98-	112292	14	70						
		03.98-	112298	14	80						
		PS 03.98-	111893	14	70						
	[DJY (XUD9A)]	06.94-	04.97	112230	14	90					
		06.94-	04.97	112770#	14	50					
		07.95-	04.97	112688	14	95					
		PS 03.97-	111893	14	70						
		PS 03.97-	112688	14	95						
		PS 03.97-	113485	14	80						
		ACPS 06.94-	06.95	112230	14	90					
		ACPS 07.95-	04.97	113485	14	80					
	[DJZ (XUD9Y)]	05.93-	09.94	112292	14	70					
		05.93-	06.94	112770#	14	50					
	[WJZ (DW8)]	09.98-	112292	14	70						
		09.98-	112298	14	80						
		PS 09.98-	111893	14	70						
	PS 09.98-	112688	14	95							
	PS 09.98-	113485	14	80							
[XUD9TE]	02.94-	04.99	113485	14	80						
306 1.9 Diesel SLD	[DJY (XUD9A)]	06.94-	04.97	112292	14	70	06.94-	111070	12	1.7	
		07.95-	04.97	112688	14	95	06.94-	05.01	114460	12	1.4
	[DJZ (XUD9Y)]	05.93-	06.94	112230	14	90	06.94-	111070	12	1.7	
		05.93-	06.94	112292	14	70	06.94-	05.01	114460	12	1.4
	[DJY (XUD9A)]	06.94-	04.97	112230	14	90					
		06.94-	04.97	112770#	14	50					
	ACPS 06.94-	06.95	112230	14	90						
	ACPS 07.95-	04.97	113485	14	80						
[DJZ (XUD9Y)]	05.93-	06.94	112770#	14	50						
	ACPS 05.93-	06.94	112230	14	90						
306 1.9 Diesel SRDT	[DHY (XUD9TE)]	ACPS 05.93-	06.95	112230	14	90	06.94-	111070	12	1.7	
	[DHY (XUD9TE)]	05.93-	04.97	112230	14	90					
		05.93-	04.97	112292	14	70					
		07.95-	04.97	112688	14	95					
	ACPS 07.95-	04.97	113485	14	80						
306 1.9 TD	[DHY (XUD9TE)]	05.93-	04.97	112688	14	95	05.93-	04.97	111129	12	1.4
	[DHY (XUD9TE)]	PS 02.97-	111893	14	70	05.93-	04.97	111070	12	1.7	
	[DHY (XUD9TE)]	05.93-	04.97	112230	14	90					
		05.93-	04.97	112292	14	70					
		05.93-	04.97	112770#	14	50					
		02.97-	112298	14	80						
	02.97-	113485	14	80							
	ACPS 05.93-	04.97	112230	14	90						
	ACPS 05.93-	04.97	113485	14	80						
306 2.0	[RFV (XU10J4R)]	03.97-	111318	14	80	03.97-	111130	12	1.1		
	[RFX (XU10J2)]	03.94-	06.96	112299	14	95	03.94-	113443	12	1.4	
		03.94-	06.96	112793	14	70	03.94-	111130	12	1.1	
	[RFV (XU10J4R)]	03.97-	113604	14	95						
	[RFX (XU10J2)]	03.94-	06.96	112298	14	80					
306 2.0 ST	[RFX (XU10J2)]	03.94-	06.96	113604	14	95					
	[RFX (XU10J2)]	07.96-	111318	14	80	07.94-	113443	12	1.4		
		07.94-	06.96	112299	14	95	07.94-	111130	12	1.1	
	[RFX (XU10J2)]	07.94-	06.96	112793	14	70					
306 2.0 16V	[RFV (XU10J4R)]	07.94-	06.96	113604	14	95					
	[RFV (XU10J4R)]	03.97-	111318	14	80	03.97-	111130	12	1.1		
306 2.0 i 16V	[RFS (XU10J4RS)]	03.97-	113604	14	95						
	[RFT (XU10J4)]	03.96-	111318	14	80						
		03.96-	113604	14	95						
	[RFT (XU10J4)]	06.94-	06.96	112298	14	80					
306 2.0 i XS	[RFX (XU10J2)]	06.94-	06.96	112299	14	95					
	[RFX (XU10J2)]	05.93-	06.96	112299	14	95	05.93-	111130	12	1.1	
	[RFX (XU10J2)]	05.93-	06.96	112793	14	70	05.93-	113443	12	1.4	
		05.93-	06.96	112298	14	80					
		05.93-	06.96	113604	14	95					
		07.96-	111318	14	80						
306 2.0 S 16	[RFT (XU10J4)]	07.96-	111318	14	80						
		06.94-	06.96	112298	14	80					
		06.94-	06.96	112299	14	95					
		06.94-	06.96	112793	14	70					
		06.94-	06.96	113604	14	95					
	[RFY (XU10J4Z)]	07.96-	111318	14	80						
	05.93-	113604	14	95							
	06.94-	06.96	112298	14	80						
	06.94-	06.96	112299	14	95						
	06.94-	06.96	112793	14	70						
	06.94-	06.96	113604	14	95						
	07.96-	111318	14	80							
306 2.0 HDI	[RHY (DW10TD)]	06.99-	112480	14	90	06.99-	111070	12	1.7		
	[RHY (DW10TD)]	06.99-	112460	14	150						
307 1.4	[KFW (TU3JP)]	08.00-	113246	14	90	08.00-	111994	12	0.7		
		08.00-	113250	14	70	08.00-	110584	12	1.2		
		08.00-	113872#	14	80						
307 1.4 16V	[KFU (ET3J4)]	11.03-	113405	14	70	11.03-	110584	12	1.2		
		11.03-	113872#	14	80	11.03-	111994	12	0.7		
307 1.4 HDI	[8HZ (DV4TD)]	10.01-	113755	14	150	10.01-	113254	12	1.1		
	[8HX (DV4TD)]	10.01-	113755	14	150	10.01-	113254	12	1.1		
307 1.6 16V	[NFU (TU5JP4)]	03.02-	113250	14	70	03.02-	111994	12	0.7		
	[NFU (TU5JP4)]	03.02-	113872#	14	80	03.02-	110584	12	1.2		
	[NFU (TU5JP4)]	03.02-	113246	14	90						
	[TU5JP4]	08.00-	113246	14	90	08.00-	110584	12	1.2		
					08.00-	111994	12	0.7			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

PEUGEOT Continued

307 1.6 HDI	[DV6ATED4]	01.06-	113640	14	150	01.06-	114030	12	2.2	
	[9HX (DV6ATED4)]	01.06-	113640	14	150	05.05-	114030	12	2.2	
307 1.6 HDI FAP	[9HY (DV6ATED4)]	02.04-	112461	14	150	02.04-	114030	12	2.2	
		02.04-	113640	14	150	02.04-	113254	12	1.1	
						02.04-	113933	12	1.5	
307 2.0	[RFN (EW10J4)]	03.02-	112469	14	90	03.02-	112347			
307 2.0 16V	[RFJ (EW10A)]					06.05-	111070	12	1.7	
	[RFK (EW10J4S)]	10.03-	112469	14	90	10.03-	112347			
	[RFJ (EW10A)]	03.05-	113575	14	80	03.05-	114460	12	1.4	
	[RFK (EW10J4S)]	06.05-	113755	14	150					
	[RFN (EW10J4)]	08.00-	112469	14	90	05.01-	112347			
307 2.0 HDI	[RHS (DW10ATED4)]	08.00-	113640	14	150	08.00-	111070	12	1.7	
		03.02-	112460	14	150	08.00-	114460	12	1.4	
		03.02- 12.02	112461	14	150					
		03.02-	112480	14	90					
		03.02-	113503	14	120					
	[RHY (DW10TD)]	08.00- 12.02	112461	14	150	03.02-	114460	12	1.4	
		08.00-	112480	14	90	08.00-	111070	12	1.7	
		08.00-	113640	14	150					
		03.02-	112460	14	150					
		03.02-	113503	14	120					
	AC 08.00-		112460	14	150					
307 2.0 HDI FAP	[RHR (DW10BTED4)]	02.04-	113640	14	150	10.03-	113926	12	1.9	
	[RHS (DW10ATED4)]	Chas. 9520- 03.02-	113640	14	150	03.02-	114460	12	1.4	
		Chas. -9519 03.02- 12.02	112461	14	150	03.02-	111070	12	1.7	
	[RHR (DW10BTED4)]	Chas. -09519 10.03-	112461	14	150	10.03-	111070	12	1.7	
	[RHR (DW10BTED4)]	Chas. 09520- 10.03-	113640	14	150	10.03-	114460	12	1.4	
308 1.4 16V	[EP3]					09.07-	113960	12	0.9	
	[8FR (EP3C)]					12.09-	113960	12	0.9	
308 1.6 GTI	[5FU (EP6CDTX)]					07.10-	113960	12	0.9	
308 1.6 16V	[EP6DTS]					03.08-	113960	12	0.9	
	[5FT (EP6DT)]					09.07-	113960	12	0.9	
	[5FV (EP6CDT)]					10.09-	113960	12	0.9	
	[EP6]					09.07-	113960	12	0.9	
	[EP6DT]					09.07-	113960	12	0.9	
308 1.6 16V CC	[5FX (EP6DT)]					06.09-	113960	12	0.9	
308 1.6 HDI	[DV6ATED4]	09.07-	113640	14	150	09.07-	113254	12	1.1	
	[DV6ATED4]	09.07-	113640	14	150	09.07-	113933	12	1.5	
	[9HP (DV6DTE)]					11.09-	113933	12	1.5	
	[9HR (DV6C)]					12.09-	114030	12	2.2	
						09.07-	114030	12	2.2	
308 2.0 HDI	[DV6ATED4]					07.10-	113933	12	1.5	
	[RHR (DW10BTED4)]	09.07-	113640	14	150					
309 1.1	[E1]	10.85- 07.89	110993	14	50	10.85- 07.89	110837#	12	1.05	
	[HDZ (TU1M)]	08.90- 12.93	110993	14	50	08.90- 12.93	110584	12	1.2	
309 1.3	[G1A]	10.85- 07.89	110993	14	50	10.85- 07.89	110837#	12	1.05	
309 1.4	[K1D (TU3A)]	03.89- 12.93	110077	14	50	03.89- 12.93	110584	12	1.2	
		03.89- 12.93	111841	14	50					
		03.89- 12.93	112754	14	70					
	[K2B (TU3S)]	03.89- 07.89	110077	14	50	03.89- 12.93	110584	12	1.2	
		03.89- 12.93	111841	14	50					
		03.89- 07.89	112754	14	70					
	[KDY (TU3M)]	03.89- 12.93	110077	14	50	03.89- 12.93	110584	12	1.2	
		03.89- 12.93	112754	14	70					
	[KDZ (TU3M)]	03.89- 12.93	110077	14	50	03.89- 12.93	110584	12	1.2	
		03.89- 12.93	111841	14	50					
		03.89- 12.93	112754	14	70					
309 1.5	[Y2/K]					06.87- 12.89	110837#	12	1.05	
309 1.6	10A, 10C	10.85- 04.89	111076	14	50	10.85- 12.90	110587	12	1.2	
	[180Z (XU5J)]	11.85- 09.88	111076	14	50	11.85- 09.88	110587	12	1.2	
	[B1A (XU51C)]	10.85- 07.89	111076	14	50	10.85- 07.89	110587	12	1.2	
		10.85- 12.93	112162	14	70					
	[B1E (XU51C)]	08.87- 07.89	111076	14	50	08.87- 07.89	110587	12	1.2	
		08.87- 07.89	112162	14	70					
	[B2A (XU52C/K)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2	
		07.89- 12.93	112162	14	70					
	[B6B (XU5J)]	11.85- 09.88	111076	14	50	11.85- 09.88	110587	12	1.2	
		11.85- 09.88	112162	14	70					
	[BDY (XU5M2Z)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2	
	[BDY (XU5M3Z)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2	
	[BDZ (XU5M)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2	
		07.89- 12.93	112162	14	70					
309 1.8 Diesel	[161A (XUD7)]	07.89- 12.93	111076	14	50	07.89- 12.93	111070	12	1.7	
		07.89- 12.93	112162	14	70					
309 1.8 TD	[A8B (XUD7TE)]	08.89- 12.93	111076	14	50	08.89- 12.93	111070	12	1.7	
		08.89- 12.93	112162	14	70					
309 1.9	[D2B (XU9S)]	10.85- 07.89	111076	14	50	10.85- 07.89	111130	12	1.1	
		10.85- 07.89	112162	14	70	10.85- 07.89	110587	12	1.2	
	[D6B (XU9JA)]	10.86- 07.89	111076	14	50	10.86- 07.89	110587	12	1.2	
		10.86- 07.89	112162	14	70					
	[DDZ (XU9M)]	07.88- 12.93	111076	14	50	07.88- 12.93	110587	12	1.2	
		07.88- 12.93	112162	14	70					
	[DFZ (XU9J1)]	03.86- 12.93	111076	14	50	03.86- 12.93	110587	12	1.2	
		03.86- 12.93	112162	14	70					
309 1.9 GTI 16V	[DFW (XU9J4Z)]	10.90- 12.93	112162	14	70	10.90- 12.93	110587	12	1.2	
309 1.9 GTI	[D6C (XUD9J4)]	08.89- 12.93	112162	14	70	08.89- 07.90	110587	12	1.2	
	[DKZ (XU9JAZ)]	07.88- 12.93	112162	14	70	07.88- 12.93	110587	12	1.2	
309 1.9 Diesel	[162 (XUD9)]	06.86- 12.93	111076	14	50	06.86- 12.93	111070	12	1.7	
	[D9A (XUD9)]	06.86- 12.93	111076	14	50	06.86- 12.93	111070	12	1.7	
		06.86- 12.93	112162	14	70					
	[DJZ (XUD9Y)]	07.89- 12.93	111076	14	50	07.89- 12.93	111070	12	1.7	
404 1.6	[XC6]	04.63-	110745	14	40	A30	04.63- 12.71	111066	12	1.05
							04.63-	110793	12	0.9
404 1.6 GT	[XC6]	07.71-	110745	14	40	A30	07.71- 12.71	111066	12	1.05
							07.71-	110793	12	0.9
405 1.4	[TU3]	01.87- 07.92	111841	14	50	01.87- 07.92	110584	12	1.2	
	[KDX (TU3MC)]	08.92- 04.97	110618	14	50	08.92- 04.97	110584	12	1.2	
		08.92- 10.96	110619	14	70					
	[TU3]	01.87- 07.92	110077	14	50					
		01.87- 07.92	112754	14	70					
405 1.6	[B1E (XU51C)]	07.87- 12.92	111076	14	50	07.87- 12.92	111130	12	1.1	
		07.87- 12.92	112162	14	70	07.87- 12.92	110587	12	1.2	
		07.87- 08.92	111173#	14	80					
	[BAZ (XU5CP)]	07.87- 08.92	111076	14	50	07.87- 08.92	110587	12	1.2	
		07.87- 08.92	112162	14	70	07.87- 08.92	111130	12	1.1	
		07.87- 08.92	111173#	14	80					
		10.88- 08.92	110907	14	80					
	[BDY (XU5M2Z)]	07.87- 12.92	111076	14	50	07.87- 04.97	111130	12	1.1	
		08.92- 04.97	112772	14	120	08.92- 04.97	113443	12	1.4	
		08.92- 04.97	112793	14	70					
		08.92- 04.97	113438#	14	80					
		AC 08.92- 04.97	112299	14	95					
	[BDY (XU5M3Z)]	10.88- 08.92	111076	14	50	08.92- 04.97	113443	12	1.4	
		08.92- 04.97	112772	14	120	10.88- 04.97	111130	12	1.1	
		08.92- 04.97	112793	14	70					
		08.92- 04.97	113438#	14	80					
		AC 08.92- 04.97	112299	14	95					



	[BDZ (XU5M)]	07.87- 12.92 111076 14 50 07.87- 12.92 112162 14 70 10.88- 08.92 111173# 14 80		07.87- 12.92 110587 12 1.2 07.87- 09.09 111130 12 1.1
	[BFZ (XU5JP)]	09.94- 04.97 112772 14 120 09.94- 04.97 112793 14 70 09.94- 04.97 113438# 14 80 AC 09.94- 04.97 112299 14 95		09.94- 04.97 113443 12 1.4 09.94- 04.97 111130 12 1.1
	[XU52C]	01.87- 12.92 111076 14 50 01.87- 12.92 112162 14 70		01.87- 12.92 111130 12 1.1 01.87- 12.92 110587 12 1.2
	[XU5J]	10.88- 08.92 111076 14 50 10.88- 08.92 112162 14 70 10.88- 08.92 111173# 14 80		10.88- 08.92 111130 12 1.1 10.88- 08.92 110587 12 1.2
405 1.8	[LFX (XU7JP)]	08.92- 12.92 112298 14 80 08.92- 12.92 112299 14 95 08.92- 04.97 112793 14 70 08.92- 04.97 113438# 14 80 AC 08.92- 04.97 112298 14 80 AC 08.92- 04.97 112299 14 95		10.88- 08.92 111130 12 1.1 08.92- 04.97 113443 12 1.4 08.92- 04.97 111130 12 1.1
405 1.8 TD	[ABA (XUD7TE)]	03.88- 07.93 110907 14 80 03.88- 12.92 111076 14 50 03.88- 12.92 112162 14 70		03.88- 12.92 111070 12 1.7
	[AJZ (XUD7TEY)]	03.88- 12.92 111076 14 50 10.90- 08.92 110907 14 80 10.90- 08.92 112162 14 70		03.88- 12.92 111070 12 1.7
405 1.9	15B	07.87- 12.92 110907 14 80 07.87- 12.92 111076 14 50		07.87- 12.92 111130 12 1.1 07.87- 12.92 110587 12 1.2
	[D2C (XU92C)]	06.87- 07.93 111173# 14 80 07.87- 12.92 111076 14 50 07.87- 12.92 112162 14 70		07.87- 12.92 110587 12 1.2
	[DDZ (XU9M)]	07.88- 12.92 111076 14 50 07.88- 12.92 112162 14 70 07.88- 12.92 111173# 14 80		07.88- 12.92 110587 12 1.2
	[DFZ (XU9J1)]	10.88- 08.92 111076 14 50 10.88- 08.92 112162 14 70 10.88- 08.92 111173# 14 80		10.88- 08.92 110587 12 1.2
	[DKZ (XU9JAZ)]	07.88- 12.92 111076 14 50 07.88- 12.92 112162 14 70 07.88- 12.92 111173# 14 80		07.88- 12.92 110587 12 1.2
405 1.9 4x4	[DDZ (XU9M)]	07.88- 12.92 111076 14 50 07.88- 12.92 112162 14 70 07.88- 12.92 111173# 14 80		07.88- 12.92 110587 12 1.2
405 1.9 Sport MI 16	[D6C (XU9J4)]	07.87- 11.91 111076 14 50 07.87- 12.92 112162 14 70		07.87- 11.91 110587 12 1.2
	[DFW (XU9J4Z)]	04.88- 12.92 111076 14 50 04.88- 12.92 112162 14 70		04.88- 12.92 110587 12 1.2
405 1.9 Sport MI 16 4x4	[DFW (XU9J4Z)]	04.88- 12.92 111076 14 50 04.88- 12.92 112162 14 70		04.88- 12.92 110587 12 1.2
405 1.9 i	[DFZ (XU9J1)]	07.87- 12.92 111076 14 50 07.87- 12.92 112162 14 70		07.87- 12.92 110587 12 1.2
405 1.9 Diesel	4E	09.93- 12.95 114026 14 80		01.93- 111070 12 1.7
	[D9B (XUD9A)]	03.88- 12.92 112162 14 70 03.88- 12.92 111173# 14 80		03.88- 12.92 111070 12 1.7
	[DJY (XUD9A)]	10.88- 08.92 111076 14 50 06.94- 112230 14 90 06.94- 112292 14 70		10.88- 04.97 111070 12 1.7 06.94- 10.96 114460 12 1.4
	[DJZ (XUD9Y)]	06.94- 10.95 114026 14 80 07.88- 09.92 112162 14 70 07.88- 09.92 111173# 14 80 08.92- 06.94 112230 14 90 08.92- 06.94 112292 14 70 08.92- 10.95 114026 14 80		07.88- 06.94 111070 12 1.7 08.92- 10.96 114460 12 1.4
405 1.9 TD	[DHY (XUD9TE)]	08.92- 04.97 112230 14 90 08.92- 04.97 112292 14 70		09.93- 12.95 114460 12 1.4 08.92- 04.97 111070 12 1.7 08.92- 10.96 114460 12 1.4
405 2.0	[RFX (XU10J2)]	08.92- 10.96 114026 14 80 08.92- 112299 14 95 08.92- 04.97 112793 14 70 08.92- 04.97 113438# 14 80 AC 08.92- 04.97 112299 14 95 AC 08.92- 04.97 112772 14 120		08.92- 04.97 111130 12 1.1 08.92- 04.97 113443 12 1.4
405 2.0 4x4	[RFX (XU10J2)]	08.92- 112299 14 95 08.92- 04.97 112793 14 70 08.92- 04.97 113438# 14 80 AC 08.92- 04.97 112299 14 95 AC 08.92- 04.97 112772 14 120		08.92- 04.97 113443 12 1.4 08.92- 04.97 111130 12 1.1
405 2.0 MI 16	[RFY (XU10J4Z)]	08.92- 112299 14 95 08.92- 04.97 112793 14 70 08.92- 04.97 113438# 14 80 AC 08.92- 04.97 112299 14 95 AC 08.92- 04.97 112772 14 120		
405 2.0 16V	[RFT (XU10J4)]	06.94- 112299 14 95 06.94- 112793 14 70 06.94- 113438# 14 80 AC 06.94- 112299 14 95 AC 06.94- 112772 14 120		
405 2.0 Turbo 16 4x4	[RGZ (XU10J4TE/Z)]	08.92- 112299 14 95 08.92- 04.97 112793 14 70 08.92- 04.97 113438# 14 80 AC 08.92- 04.97 112299 14 95 AC 08.92- 04.97 112772 14 120		
406 1.6	[BFZ (XU5JP)]	11.95- 112298 14 80 AC 11.95- 112298 14 80		11.95- 113443 12 1.4 11.95- 111130 12 1.1
	[BFZ (XU5JP)]	11.95- 112299 14 95 11.95- 112793 14 70 11.95- 113438# 14 80 AC 11.95- 112299 14 95		
406 1.8	[LFX (XU7JB)]	05.97- 111318 14 80 AC 05.97- 111318 14 80		05.97- 113443 12 1.4 05.97- 111130 12 1.1
	[LFX (XU7JB)]	05.97- 05.04 113604 14 95		
406 1.8 16V	[LFY (XU7JP4)]	AC 10.95- 111318 14 80		11.95- 113443 12 1.4
	[6FZ (EW7J4)]	10.00- 05.04 113575 14 80		A13 10.00- 112347
	[LFY (XU7JP4)]	11.95- 10.00 113604 14 95		11.95- 111130 12 1.1
	[6FZ (EW7J4)]	10.00- 112480 14 90		
	[LFY (XU7JP4)]	10.95- 111318 14 80		
406 1.9 Diesel	[DHW (XUD9SD)]	10.96- 112688 14 95		10.96- 05.04 114460 12 1.4
	[DHW (XUD9SD)]	10.96- 113485 14 80		10.96- 111070 12 1.7
	[DHW (XUD9SD)]	10.96- 112703 14 120		
406 1.9 TD	[DHY (XUD9TE)]	01.96- 112688 14 95 01.96- 112703 14 120		01.96- 05.04 114460 12 1.4 01.96- 111070 12 1.7
	[DHY (XUD9TE)]	01.96- 112688 14 95		01.96- 10.04 114460 12 1.4
	[DHY (XUD9TE)]	01.96- 112703 14 120		01.96- 111070 12 1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

406 2.0 16V	[RFR (DEW10J4)]	01.99-	112460	14	150		04.99-	10.00	112347		
	[RFN (EW10J4)]	08.00-	112480	14	90		A13 08.00-		112347		
	[RFV (XU10J4R)]	11.95-	111318	14	80		11.95-		111130	12	1.1
							11.95-		113443	12	1.4
406 2.0 HPI 16V	[RFR (DEW10J4)]	01.99-	112461	14	150		01.99-		113443	12	1.4
		01.99-	112480	14	90		01.99-		111130	12	1.1
	[RFN (EW10J4)]	08.00-	112460	14	150						
	[RFV (XU10J4R)]	11.95- 05.04	113604	14	95						
406 2.0 Turbo	[RLZ (EW10D)]	10.00-	112480	14	90		10.00-		112347		
406 2.0 HDI	[RGX (XU10J2TE)]	04.96-	111318	14	80		04.96-		111130	12	1.1
		04.96- 05.04	113604	14	95		04.96-		113443	12	1.4
406 2.0 HDI	[RHY (DW10TD)]	02.99-	112461	14	150		02.99-		111070	12	1.7
		AC 02.99-	112460	14	150		02.99- 10.04		114460	12	1.4
	[RHZ (DW10ATED)]	10.98- 03.99	113503	14	120		06.98- 04.04		114460	12	1.4
		AC 02.99-	112460	14	150		02.99-		111070	12	1.7
	[RHY (DW10TD)]	02.99-	112480	14	90						
		AC 02.99-	112461	14	150						
406 2.0 HDI FAP	[RHZ (DW10ATED)]	02.99-	112461	14	150						
		02.99-	112480	14	90						
		AC 02.99-	112461	14	150						
406 2.0 HDI FAP	[RHS (DW10ATED4)]	08.01-	112461	14	150		08.01- 10.04		113926	12	1.9
	[RHS (DW10ATED4)]						08.01- 05.04		111070	12	1.7
	[RHZ (DW10ATED4)]						08.01- 10.04		113926	12	1.9
406 2.1 TD 12V	[P8C (XUD11BTE)]	01.96-	112688	14	95		01.96- 10.04		114460	12	1.4
		01.96-	113485	14	80		01.96-		111070	12	1.7
406 2.2	[P8C (XUD11BTE)]	01.96-	112703	14	120						
	[3FZ (EW12J4)]	07.00- 05.04	112460	14	150		07.00- 05.04		112347		
406 2.2 HDI	[3FZ (EW12J4)]	07.00- 05.04	112480	14	90						
	[4HX (DW12TED4)]	03.00-	112460	14	150		03.00- 12.04		114460	12	1.4
406 2.2 HDI		03.00-	112461	14	150		03.00- 12.04		113926	12	1.9
	[4HX (DW12TED4)]	AC 03.00-	112461	14	150		03.00-		111070	12	1.7
406 3.0 24V	[XFZ (ES9J4)]	10.96- 05.04	111941#	14	150						
		12.97- 05.04	111944#	14	120						
406 3.0 V6 24V	[XFX (ES9J4S)]	03.97-	111941#	14	150						
406 3.0 V6		03.00- 04.05	111941#	14	150						
		03.00-	111944#	14	120						
407 1.6 HDI FAP	[9HY (DV6TED4)]					05.04-		113933	12	1.5	
407 1.8						05.04-		114030	12	2.2	
	[6FZ (EW7J4)]	05.04-	113640	14	150		05.04-		113254	12	1.1
407 1.8 16V	[6FY (EW7A)]	05.04-	112469	14	90		05.04-		112347		
407 2.0	[RFN (EW10J4)]	05.04-	113755	14	150		09.05-		114460	12	1.4
	[RFN (EW10J4)]					05.04-		112347			
407 2.0 16V	[RFJ (EW10A)]					05.04-		111070	12	1.7	
	[RFJ (EW10A)]					09.05-		114460	12	1.4	
407 2.0 Bioflex	[RFJ (EW10A)]					09.05-		111070	12	1.7	
	[RFJ (EW10A)]					09.07-		111070	12	1.7	
407 2.0 HDI	[DW10BTED4]					09.07-		114460	12	1.4	
	[RHR (DW10BTED4)]					08.08-		114030	12	2.2	
407 2.0 HDI FAP						10.05-		113926	12	1.9	
						10.05-		114460	12	1.4	
	[RHR (DW10BTED4)]					05.04-		113926	12	1.9	
	[RHR (DW10BTED4)]					05.04-		111070	12	1.7	
407 2.2	[3FZ (EW12J4)]	05.04-	113640	14	150		05.04-		114460	12	1.4
	[3FY (EW12J4)]	05.04-	112469	14	90		05.04-		112347		
407 2.2 16V	[3FY (EW12J4)]					09.05-		114460	12	1.4	
	[3FY (EW12J4)]					09.05-		111070	12	1.7	
407 3.0	[XFV (ES9A)]	05.04-	111941#	14	150		10.05-		112347		
407 3.0 V6	[XFV (ES9A)]	10.05-	111941#	14	150						
504 1.6	[XC7P]					01.80- 06.87		111066	12	1.05	
	[XC7P]					10.71- 12.77		110793	12	0.9	
504 1.8	[XM]	07.68- 02.71	110745	14	40		07.68- 02.71		111066	12	1.05
						07.68- 12.77		110793	12	0.9	
504 1.8 i	[XM7]					01.71- 12.77		110793	12	0.9	
	[XM7]	01.71- 06.83	110745	14	40		12.77- 12.89		111066	12	1.05
	[KF5]					07.68- 02.71		111066	12	1.05	
	[KF6]	07.68- 02.71	110745	14	40		07.68- 02.71		111066	12	1.05
504 1.9 Diesel	[KF5]	07.68- 02.71	110745	14	40						
	[KF6]										
504 2.0	[XD4X88]	03.73- 07.86	110745	14	40						
		10.79- 06.87	111155#	14	50						
504 2.0	[106 (XN1)]	03.71- 06.86	110745	14	40		12.77- 06.86		111066	12	1.05
						03.71- 12.77		110793	12	0.9	
	[XN1]	04.71- 07.86	110745	14	40		04.71- 12.77		110793	12	0.9
						12.77- 07.86		111066	12	1.05	
	[107 (XN2)]					01.71- 08.84		111066	12	1.05	
	[XN2]					10.74- 12.77		110793	12	0.9	
504 2.0 Ti						12.77- 08.82		111066	12	1.05	
	[107 (XN2)]	01.71- 06.83	110745	14	40		01.71- 12.77		110793	12	0.9
504 2.1 Diesel						12.77- 06.83		111066	12	1.05	
	[XD4X90]	02.71- 07.86	110745	14	40		07.81- 07.86		111125	12	2.2
		02.71- 07.86	111155#	14	50		08.81- 07.86		111109	12	2.0
504 2.3 Diesel	[XD4X90]	02.71- 07.86	111156	14	70						
	[134 (XD2)]	07.75- 07.86	111156	14	70		07.81- 07.86		111125	12	2.2
	[134 (XD2)]	07.75- 12.89	111155#	14	50		08.81- 12.89		111109	12	2.0
504 2.7	[134 (XD2)]	07.75- 07.86	110745	14	40						
	[140 (ZMJ)]					10.77- 08.84		111066	12	1.05	
505 1.8						10.77- 08.84		110793	12	0.9	
	[105 (XM7)]	01.82- 10.85	110769	14	70		01.82- 10.85		110793	12	0.9
						01.82- 10.85		111066	12	1.05	
	[XM7A]	09.85- 10.86	110769	14	70		09.85- 10.86		110793	12	0.9
505 2.0						09.85- 10.86		111066	12	1.05	
	551A	08.79- 10.86	110769	14	70		09.79- 10.86		111063	12	1.2
	[106 (XN1)]	11.80- 12.85	110769	14	70		11.80- 12.85		111066	12	1.05
						11.80- 12.85		110793	12	0.9	
	[106E (XN1A)]	09.85- 11.87	110769	14	70		09.85- 11.87		111066	12	1.05
	[829 (ZEJ)]	08.79- 10.86	110769	14	70		08.79- 10.86		110860#	12	0.9
505 2.2	[XN1]	04.82- 11.87	110769	14	70		08.79- 10.86		111063	12	1.2
						04.82- 11.87		111066	12	1.05	
						09.79- 10.86		110860#	12	0.9	
	[851 (ZDJ)]	05.81- 10.84	110769	14	70		05.81- 10.84		110860#	12	0.9
505 2.2 GTI						05.81- 10.84		111063	12	1.2	
	[851X (ZDJL)]	01.86- 12.93	110769	14	70		01.86- 12.93		110860#	12	0.9
505 2.2 i Turbo						01.86- 12.93		111063	12	1.2	
	[851B (ZDJL)]	08.83- 12.93	111156	14	70		08.83- 12.93		111063	12	1.2
505 2.3 TD						08.83- 12.93		111063	12	1.2	
						08.83- 12.93		110860#	12	0.9	
	[176W (N9TEA)]	03.84- 12.88	110769	14	70		03.84- 12.88		110790#	12	1.0
505 2.3 TD	[176B (N9TE)]					03.84- 10.88		110790#	12	1.0	
	[176X (N9TE)]					01.86- 12.87		110790#	12	1.0	
505 2.3 TD	[147 (XD2S)]	09.80- 06.86	111156	14	70		09.80- 06.86		111125	12	2.2
		09.80- 06.86	111155#	14	50		09.80- 06.86		111109	12	2.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



505 2.5	[152B (XD3TE)]	10.86- 12.93	111156	14	70	10.86- 12.93	111125	12	2.2
		10.86- 12.93	111155#	14	50	10.86- 12.93	111109	12	2.0
505 2.5 Diesel	[155 (XD3)]	06.81- 12.93	111156	14	70	06.81- 12.93	111125	12	2.2
		06.81- 12.93	111155#	14	50	06.81- 12.93	111109	12	2.0
505 2.5 TD	551A	10.83- 12.93	111156	14	70	10.83- 12.93	111109	12	2.0
	[152A (XD3T)]	10.83- 12.93	111156	14	70	10.83- 12.93	111125	12	2.2
		10.83- 12.93	111155#	14	50	10.83- 12.93	111109	12	2.0
	[152B (XD3TE)]	10.86- 12.93	111156	14	70	10.86- 12.93	111109	12	2.0
		10.86- 12.93	111155#	14	50	10.86- 12.93	111125	12	2.2
505 2.8 V6	[154X (ZN3J)]	10.83- 12.93	111155#	14	50				
508 1.6 HDI						02.12-	111130	12	1.1
						02.12-	114030	12	2.2
						02.12-	113933	12	1.5
508 2.0 HDI	[DW10BTEd4]					11.10-	114460	12	1.4
	[DW10C]					11.10-	114460	12	1.4
604 2.3 TD	[147 (XD2S)]	09.79- 06.83	111156	14	70	03.81- 05.83	111109	12	2.0
	[147 (XD2S)]	02.79- 06.83	111155#	14	50				
604 2.5 TD	[152A (XD3T)]	06.83- 12.86	111155#	14	50	07.81- 12.86	111125	12	2.2
		07.83- 12.86	111156	14	70	08.83- 12.86	111109	12	2.0
604 2.7	[112 (ZM)]	08.77- 05.83	111071	14	75				
	[140 (ZMJ)]	08.77- 05.83	111071	14	75				
604 2.8 GTI	[154A (ZMJK)]	09.83- 07.87	111071	14	75				
605 2.0	[RSA (XU102C)]	10.89- 06.94	111175#	14	80	10.89- 05.99	113443	12	1.4
		10.89- 06.94	112762#	14	70	10.89- 05.99	111130	12	1.1
	[RDZ (XU10MZ)]	02.90- 06.95	112231#	14	90	06.92-	113443	12	1.4
		02.90- 06.95	112762#	14	70	02.90-	111130	12	1.1
	[RDZ (XU10MZ)]	02.90- 06.95	111175#	14	80				
	[RFZ (XU10J2Z)]	06.89- 06.95	111175#	14	80	06.89- 06.95	111130	12	1.1
		06.89- 06.95	112231#	14	90	06.89- 06.95	113443	12	1.4
		06.89- 06.95	112762#	14	70				
605 2.0 16V	[RFV (XU10J4R)]	07.94- 06.95	112772	14	120	06.95-	111130	12	1.1
		07.94- 09.99	113604	14	95	06.95-	113443	12	1.4
		06.95-	111318	14	80				
605 2.0 Turbo	[RGX (XU10J2TE)]	06.89- 06.94	112231#	14	90	07.94- 05.99	113443	12	1.4
						07.94- 05.99	111130	12	1.1
		07.91- 09.99	113604	14	95				
		07.91- 06.95	111175#	14	80				
		07.95- 05.99	111318	14	80				
	[RGY (XU10J2TE)]	07.92- 06.95	111175#	14	80	07.92- 06.95	111130	12	1.1
		07.92- 06.94	112231#	14	90	07.92- 06.95	113443	12	1.4
		07.92- 06.94	112762#	14	70				
605 2.1 Diesel	[P9A (XUD11A)]	05.89- 07.95	111175#	14	80	06.89- 07.95	114460	12	1.4
		05.89- 07.95	112231#	14	90	05.89- 07.95	111070	12	1.7
		05.89- 07.95	112762#	14	70				
605 2.1 TD 12V	[P8C (XUD11BTE)]					08.94- 09.99	114460	12	1.4
		07.95-	112688	14	95	08.94-	111070	12	1.7
		07.95-	112703	14	120				
605 2.1 TD	[PHZ (XUD11ATE)]	06.89- 06.93	112231#	14	90	06.89- 10.96	111070	12	1.7
		06.95- 10.96	112688	14	95				
		06.95- 10.96	112703	14	120				
605 2.5 TD	[THY (DK5ATE)]	07.94-	112704#	14	120	07.94-	113443	12	1.4
						07.94-	112053	12	2.2
605 3.0	[UFZ (ZPJ)]	07.89- 05.99	111175#	14	80	07.93- 05.99	111129	12	1.4
		07.90-	112231#	14	90				
		07.93- 05.99	112762#	14	70				
605 3.0 1.24V	[UKZ (ZPJ4/Z)]					07.93- 05.99	111129	12	1.4
605 3.0 V6	[ES9J4]								
607 2.0	[RFN (EW10J4)]	02.00-	113575	14	80	02.00-	112347		
	[RFN (EW10J4)]	02.00-	112469	14	90				
607 2.0 HDI	[RHZ (DW10ATED)]	05.00-	112461	14	150	05.00-	111070	12	1.7
	[RHS (DW10ATED)]	03.01- 07.04	113640	14	150	03.01- 07.04	113841	12	1.7
	[RHR (DW10BTEd4)]					09.05-	113926	12	1.9
	[RHS (DW10ATED)]					03.01- 07.04	111070	12	1.7
	[RHZ (DW10ATED)]	05.00-	112460	14	150				
607 2.2 16V	[3FZ (EW12J4)]	02.00-	112480	14	90	AT 02.00-	112347		
	[EW12J4]	09.05-	113755	14	150	09.05-	114460	12	1.4
	[3FZ (EW12J4)]	02.00- 11.04	113503	14	120				
		AT 02.00-	112480	14	90				
	[EW12J4]					09.05-	111070	12	1.7
607 2.2 HDI	[4HX (DW12TED4/FAP)]	02.00-	112460	14	150	02.00-	111070	12	1.7
		02.00-	112461	14	150	02.00-	114460	12	1.4
		02.00-	113640	14	150				
607 3.0 V6 24V	[XFX (ES9A)]	12.04-	111941#	14	150				
		12.04-	111944#	14	120				
	[XFX (ES9J4S)]	02.00-	111941#	14	150				
		02.00- 11.04	111944#	14	120				
806 1.8	[LFW (XU7JP)]	07.95-	112298	14	80	07.95-	113443	12	1.4
		07.95-	112299	14	95	07.95-	111130	12	1.1
		07.95- 08.02	112772	14	120				
		07.95-	112793	14	70				
806 1.9 TD	[DHX (XUD9TE)]	08.94-	111893	14	70	08.94-	111070	12	1.7
		08.94-	112688	14	95	07.95- 08.02	114460	12	1.4
		08.94-	112703	14	120				
		08.94-	113485	14	80				
	[DHY (XUD9TE)]	03.94-	111893	14	70	03.94-	111070	12	1.7
		03.94-	112688	14	95	05.97- 08.02	114460	12	1.4
		03.94-	112703	14	120				
		03.94-	113485	14	80				
806 2.0	[RFU (XU10J2)]	06.94-	112298	14	80	06.94-	113443	12	1.4
		06.94-	112299	14	95	06.94-	111130	12	1.1
	[RFU (XU10J2)]	06.94-	112772	14	120				
		06.94-	112793	14	70				
806 2.0 16V	[RFN (EW10J4)]	09.00-	112480	14	90	09.00-	112347		
	[RFN (EW10J4)]	09.00-	113503	14	120				
	[RFV (XU10J4R)]	05.98-	111318	14	80	05.98-	111130	12	1.1
		05.98- 09.00	113604	14	95	05.98-	113443	12	1.4
806 2.0 Turbo	[RGX (XU10J2TE)]	06.94-	113604	14	95	06.94-	113443	12	1.4
		Eng. 7390- 04.97-	111318	14	80	06.94-	111130	12	1.1
		Eng. -7389 06.94- 03.97	112298	14	80	06.94-	111070	12	1.7
	[RGX (XU10J2TE)]	06.94-	03.97	112298	14	80			
		06.94-	03.97	112299	14	95			
		Eng. -7389 06.94- 03.97	112299	14	95				
		Eng. -7389 06.94- 03.97	112772	14	120				
		Eng. -7389 06.94- 03.97	112793	14	70				
806 2.0 HDI 16V	[RHW (DW10ATED4)]	08.99- 08.02	112460	14	150	08.99- 08.02	114460	12	1.4
		08.99- 08.02	113503	14	120	08.99- 08.02	111070	12	1.7
	[RHW (DW10ATED4)]	08.99- 08.02	112461	14	150				
		08.99- 08.02	112480	14	90				
806 2.0 HDI	[RHZ (DW10ATED)]	08.99- 08.02	112461	14	150	08.99-	111070	12	1.7
		08.99- 08.02	113503	14	120	08.99- 08.02	114460	12	1.4
	[RHZ (DW10ATED)]	08.99-	112460	14	150				
		08.99-	112480	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

PEUGEOT Continued

806 2.1 TD	[P8C (XUD11BTE)]	06.96-	111893	14	70	06.96-	111070	12	1.7
		06.96-	112688	14	95	06.96- 08.99	114460	12	1.4
		06.96-	112703	14	120				
		06.96-	113485	14	80				
807 2.0	[RFN (EW10J4)]	06.02-	112469	14	90	06.02-	112347		
807 2.0 16V	[RFJ (EW10A)]					06.02-	112347		
						09.05-	114460	12	1.4
807 2.0 HDI	[RHR (DW10BTEd4)] [DW10UTED4]	06.06-	113640	14	150	06.06-	113926	12	1.9
						11.06-	113926	12	1.9
					11.06-	114460	12	1.4	
					06.02-	114460	12	1.4	
					06.02-	114460	12	1.4	
					06.02-	111070	12	1.7	
					06.02-	114460	12	1.4	
				06.02-	114460	12	1.4		
				04.04- 05.06	114460	12	1.4		
807 2.2	[3FZ]	06.02-	112469	14	90	06.02-	112347		
807 2.2 HDI FAP	[4HX (DW12TED4)]	06.02-	112461	14	150	06.02-	111070	12	1.7
						06.02-	114460	12	1.4
807 3.0 V6	[XFX (ES9J4S)]	06.02-	111941#	14	150	06.02-	112347		
		06.02-	111944#	14	120				
1007 1.4	[KfV (TU3JP)]	04.05-	113405	14	70	04.05-	111994	12	0.7
						04.05-	110584	12	1.2
1007 1.4 16V	[KfU (ET3J4)]	10.05-	113872#	14	80	10.05-	110584	12	1.2
1007 1.4 HDI	[8HZ (DV4TD)]	04.05-	113755	14	150	04.05-	113933	12	1.5
						04.05-	113254	12	1.1
					04.05-	113933	12	1.5	
	[8HZ (DV4TD)]	04.05-	113405	14	70	04.05-	113254	12	1.1
1007 1.6	[NFU (TU5JP4)]	04.05-	113405	14	70	04.05-	110584	12	1.2
1007 1.6 HDI	[9HZ (DV6TED4)]	06.07-	113640	14	150	06.07-	114030	12	2.2
3008 1.6 THP	[5FV (EP6DT)]					06.09-	113960	12	0.9
3008 1.6 i	[EP6CDT]					05.09-	113960	12	0.9
3008 1.6 i THP 150	[5FX (EP6DT)]					06.09-	113960	12	0.9
3008 1.6 VTI	[5FW (EP6)]					06.09-	113960	12	0.9
3008 1.6 HDI	[9HR (DV6C)]	08.10-				08.10-	113933	12	1.5
		08.10-				08.10-	114030	12	2.2
		[9HZ (DV6ATED4)]	06.09-				113933	12	1.5
		06.09-				114030	12	2.2	
3008 2.0 Diesel Hybrid4	[DW10CTED4]					02.11-	113926	12	1.9
4007 2.2 HDI	[DW12MTED4]					02.07-	114460	12	1.4
5008 1.6 16V	[5FV (EP6DT)]					09.09-	113960	12	0.9
5008 1.6 HDI	[9HZ (DV6TED4)]	09.09-				09.09-	113933	12	1.5
		09.09-				09.09-	114030	12	2.2
		[9HZP (DV6TED4)]	09.09-				113933	12	1.5
		09.09-				114030	12	2.2	
207 CC 1.6 16V Turbo	[EP6CDT]					10.09-	113960	12	0.9
207 SW 1.6 16V	[5FY (EP6DTS)]					02.07-	113960	12	0.9
207 SW 1.6 HDI	[9HL (DV6C)]	08.09-				08.09-	113933	12	1.5
		08.09-				08.09-	114030	12	2.2
		[DV6DTEd]	11.09-				113933	12	1.5
		11.09-				114030	12	2.2	
270 CC 1.6 HDI	[9HL (DV6C)]					08.09-	113933	12	1.5
						08.09-	114030	12	2.2
308 CC 1.6 THP	[EP6CDTX]					10.10-	113960	12	0.9
308 CC 1.6 16V	[5FS (EP6C)]	06.09-				06.09-	113960	12	0.9
		06.09-				06.09-	113960	12	0.9
		[5FV (EP6CDT)]	06.09-				113960	12	0.9
308 CC 1.6 HDI	[9HL (DV6C)]	06.09-				06.09-	114030	12	2.2
		06.09-				06.09-	114030	12	2.2
308 SW 1.4 16V	[8FS (EP3)]					12.09-	113960	12	0.9
308 SW 1.6 16V	[5FT (EP6DT)]					09.07-	113960	12	0.9
308 SW 1.6 HDI	[5FV (EP6CDT)]	10.09-				10.09-	113960	12	0.9
		12.09-				12.09-	113933	12	1.5
380 SW 1.6 HDI	[9HR (DV6C)]	12.09-				114030	12	2.2	
		11.09-				113254	12	1.1	
508 SW 1.6 HDI	[9HD (DV6CTED)]	02.12-				111130	12	1.1	
		02.12-				113933	12	1.5	
		02.12-				114030	12	2.2	
508 SW 2.0 HDI	[DW10BTEd4] [DW10C]	11.10-				114460	12	1.4	
		11.10-				114460	12	1.4	
Blipper 1.4 HDI	[8HS (DV4TED)]	04.08-				113254	12	1.1	
		04.08-				113933	12	1.5	
	[DV4TED]	02.08-				113254	12	1.1	
		02.08-				113933	12	1.5	
Boxer 1.9 Diesel	[DJY (XUD9A)] [D8C (XUD9AU)]	07.98- 02.02	112230	14	90	07.98- 02.02	111070	12	1.7
		03.94- 04.02	112230	14	90	03.94- 04.02	111070	12	1.7
		03.94- 04.02	112230	14	90	03.94- 04.02	114460	12	1.4
Boxer 1.9 DT 4x4	[XUD9TE]					03.96- 09.98	114460	12	1.4
Boxer 1.9 TD	[DXH (XUD9TE)]	02.94- 02.02	112230	14	90	07.99- 04.02	114460	12	1.4
						08.94- 04.02	114460	12	1.4
					03.94- 04.02	114460	12	1.4	
					03.94- 04.02	111070	12	1.7	
					08.94- 04.02	111070	12	1.7	
					02.94- 12.98	111070	12	1.7	
Boxer 1.9 TD 4x4	[D8C (XUD9UTF)]	07.96-	112230	14	90	02.94- 02.02	111099	12	0.7
						07.96- 04.02	114460	12	1.4
				07.96-	111070	12	1.7		
Boxer 2.0	[RFL (XU10J2U)]	04.02-	112298	14	80	04.02-	111130	12	1.1
						04.02-	113443	12	1.4
Boxer 2.0 i	[RFW (XU10J2U)]	03.94-	112299	14	95	03.94-	113443	12	1.4
		03.94-	112772	14	120	03.94-	111130	12	1.1
		03.94-	112298	14	80				
		AC 03.94-	112299	14	95				
Boxer 2.0 i 4x4	[RFW (XU10J2U)]	08.96-	112298	14	80	02.94- 04.02	113443	12	1.4
		08.96-	112772	14	120	02.94- 04.02	111130	12	1.1
		AC 08.96-	112299	14	95				
Boxer 2.0 HDI	[RHV (DW10TD)]	08.01- 04.02	112461	14	150	08.01- 04.02	114460	12	1.4
		08.01- 04.02	112480	14	90	08.01- 04.02	111070	12	1.7
		04.02-	112460	14	150	04.02-	111070	12	1.7
		04.02-	112461	14	150				
		04.02-	112480	14	90				
		04.02-	113946	14	90				
		AC 04.02-	112460	14	150				
	AC 04.02-	112480	14	90					
	AC 04.02-	113640	14	150					
Boxer 2.2 HDI	[4HY (DW12UTED)]	04.02-	112480	14	90	04.02-	111070	12	1.7
		04.06-	113958	14	150	04.06-	113959	12	2.0
Boxer 2.4 TDI	[THX (DJ5TED)]	01.97-	112230	14	90				
		01.97-	112298	14	80				
		01.97-	112299	14	95				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Boxer 2.4 TDI 4x4	[THX (DJ5TED)]	01.97- 01.97- 01.97-	112298 112299 112772	14 14 14	80 95 120	01.97-	112053	12	2.2		
Boxer 2.5 i	[RFW (XU10J2U)]	06.94- AC 06.94- 06.94-	112298 112299 112772	14 14 14	80 95 120	06.94- 06.94-	113443 111130	12 12	1.4 1.1		
	Boxer 2.5 Diesel	[T9A (DJS)]	03.94- 04.02 03.94- 04.02 03.94- 04.02	112299 112298 112772	14 14 14	95 80 120	03.94- 04.02 02.94-	112053 111070	12 12	2.2 1.7	
	Boxer 2.5 Diesel 4x4	[T9A (DJS)]	02.94- 02.02 07.96- 07.96-	112772 112298 112299	14 14 14	120 80 95	02.94- 02.02	112053	12	2.2	
Boxer 2.5 TD	[T8A (DJ5T)]	03.94- 04.02 03.94- 04.02 03.94- 04.02	112298 112299 112772	14 14 14	80 95 120	02.94- 03.94- 04.02	111070 112053	12 12	1.7 2.2		
	Boxer 2.5 TD 4x4	[T8A (DJ5T)]	07.96- 07.96- 07.96-	112298 112299 112772	14 14 14	80 95 120	07.96-	112053	12	2.2	
	Boxer 2.5 TDI	[THX (DJ5TED)]	01.97- 01.97- 01.97-	112298 112299 112772	14 14 14	80 95 120	01.97-	112053	12	2.2	
Boxer 2.5 TDI 4x4	[THX (DJ5TED)]	10.96- 02.02	112772	14	120	10.96- 04.02	112053	12	2.2		
Boxer 2.8 Diesel	[8140.63 (F28D)]					01.99- 02.02	113451	12	2.2		
Boxer 2.8 HDI	[8140.43S]	11.00-	113247	14	120	11.00-	112026	12	2.6		
	[8140.43S]	11.00- 04.02	113950	14	90	Chas. -17600143 11.00-	112436	12	2.3		
	ZCT... 230P, 240, Z... 230L	10.00- 11.01	113950	14	90	10.00- 11.01	113935	12	2.5		
	[8140.43S]	10.00- 11.01	113247	14	120	10.00- 11.01	112436	12	2.3		
	[8140.43S]					Chas. 17600144- 11.00- 04.02	113935	12	2.5		
	[8140.43S]					11.00- 04.02	113935	12	2.5		
Boxer 2.8 HDI 4x4	[8140.43S]	04.02- 04.02-	113247 113950	14 14	120 90	04.02- Chas. -17600143 04.02- Chas. 17600144- 04.02-	112026 112436 113935	12 12 12	2.6 2.3 2.5		
	Boxer 2.8 D	[8040.63]				01.99-	113451	12	2.2		
	Boxer 3.0 HDI	[F30DTE5]				04.10- 03.11-	114054 114082	12 12	2.5		
Expert 1.6 HDI	[DV6UTED4]	01.07-	113640	14	150	01.07-	113254	12	1.1		
Expert 1.6 HDI Tepee	[DV6UTED4]	01.07-	113640	14	150	01.07-	113254	12	1.1		
Expert 1.8	222					10.96- 09.00	111130	12	1.1		
Expert 1.9 Diesel	[WJY (DW8B)]	09.01- AC 12.98-	113603 113503	14 14	80 120	12.98- 12.98-	111070 114460	12 12	1.7 1.4		
	[WJZ (DW8)]	06.98- 08.01 12.98-	113603 113640	14 14	80 150	12.98- 12.98-	114460 111070	12 12	1.4 1.7		
	[D9B (XUD9AU)]	02.96- 02.96- 02.96- 02.96-	111893 112688 112703 113485	14 14 14 14	70 95 120 80	02.96- 02.96-	114460 111070	12 12	1.4 1.7		
	[DW8]	06.98- 06.98-	112058 112480	14 14	70 90	06.98- 06.98-	114460 111070	12 12	1.4 1.7		
	[WJY (DW8B)]	12.98- AC 12.98-	112058 112480	14 14	70 90						
	Expert 1.9 TD	[D8B (XUD9TE)]	02.96- 02.96- 02.96- 02.96-	111893 112688 112703 113485	14 14 14 14	70 95 120 80	02.96- 02.96-	111070 114460	12 12	1.7 1.4	
		[DHX (XUD9TE)]	02.96- 02.96- 02.96- 02.96- 02.96- 02.96-	111411 111893 112688 112703 113485 113537	14 14 14 14 14 14	75 70 95 120 80 65	02.96- 02.96-	114460 111070	12 12	1.4 1.7	
		Expert 2.0	[RFN (EW10J4)]	03.00-	113503	14	120	07.00- 12.03	112347		
			[RFN (EW10J4)]	03.00-	112480	14	90				
		Expert 2.0 HDI	[RHX (DW10BTEd)]	07.00- 10.99- 12.02	113640 112461	14 14	150 150	07.00- 07.00-	114460 111070	12 12	1.4 1.7
[RHZ (DW10ATEd)]			07.00- 12.02 AC 07.00- 12.02	112461 112460	14 14	150 150	07.00- 07.00-	114460 111070	12 12	1.4 1.7	
[RHW (DW10ATEd4)]			07.00- 07.00-	112480 113503	14 14	90 120	07.00- 07.00-	114460 111070	12 12	1.4 1.7	
[RHR (DW10BTEd4)]			01.07-	113640	14	150	01.07-	113926	12	1.9	
[RHK (DW10UTEd4)]	01.07-		113640	14	150	01.07-	113926	12	1.9		
[RHH (DW10CTEd4)]						09.09-	113926	12	1.9		
[RHW (DW10ATEd4)]	Chas. 09520- 07.00- Chas. -09519 07.00- Chas. -09519 07.00-		113640 112460 112461	14 14 14	150 150 150						
[RHX (DW10BTEd)]	AC 10.99- 12.02		112460	14	150						
[RHZ (DW10ATEd)]	07.00-		113640	14	150						
Expert 2.0 HDI Tepee	[RHK (DW10UTEd4)]		01.07-	113640	14	150	01.07-	113926	12	1.9	
	[RHR (DW10BTEd4)]	01.07-	113640	14	150	01.07-	113926	12	1.9		
	[RHH (DW10CTEd4)]					09.09-	113926	12	1.9		
	J5 1.8	[169B (XM7T)]	01.83- 11.88	110769	14	70	01.83- 11.88 01.83- 11.88	110793 111066	12 12	0.9 1.05	
J5 1.9 Diesel	[D9B (XUD9A)]	11.87-	111076	14	50	11.87-	111070	12	1.7		
J5 2.0	[170B (XN1T)]	09.81- 09.90	110769	14	70	09.81- 09.90 09.81- 09.90	111066 110793	12 12	1.05 0.9		
	[170 (XN1T)]	01.83- 09.90	110769	14	70	01.83- 09.90 01.83- 09.90	110793 111066	12 12	0.9 1.05		
	[170D (XN1TACP)]	10.90-	110769	14	70	10.90- 10.90-	110793 111066	12 12	0.9 1.05		
	J5 2.5 Diesel	[CRD93]	09.81- 12.93 09.81- 12.93	111071 111659	14 14	75 80	09.81- 12.93	111115	12	2.2	
J5 2.5 Diesel 4x4	[CRD93]	10.90-	111071	14	75	10.90-	111115	12	2.2		
	[CDR93]	10.90-	111071	14	75	10.90-	111115	12	2.2		
	[CRD93]	10.90-	111659	14	80						
	[CRD93]	10.90-	111659	14	80						
J5 2.5 TD	[CRD93LS]	10.90-	111659	14	80	10.90-	111115	12	2.2		
J5 2.5 TD 4x4	[CRD93LS]	10.90-	111659	14	80	10.90-	111115	12	2.2		
J7 1.5	[XBSF]										
J7 1.6	[XCSF]					08.68- 07.80	111116				
	[XC7P]					08.68- 03.80 07.70- 03.80	110793 111116	12	0.9		
J7 1.8	[XM7P]					07.70- 09.80	111116				
J9 1.6	[XC7P]	10.80- 06.87 10.80- 06.87	110769 111156	14 14	70 70	03.80- 06.87	111116				
	J9 2.0	[XN1P]				03.80- 06.87	111116				
J9 2.1 Diesel	[XDPX90]	10.80- 06.87 10.80- 06.87	111156 111156#	14 14	70 50						
	J9 2.3 Diesel	[XD2PX94]	03.80- 07.82 03.80- 10.82	111156 111156#	14 14	70 50					
	J9 2.5 Diesel	[XD3P]	07.82- 06.87 07.82- 06.87	111156 111156#	14 14	70 50					
Partner 1.1	[HDZ (TU1M)]	06.96- 06.96-	110619 111723	14 14	70 70	06.96-	110584	12	1.2		
		06.96-	112782	14	80						
	[HFX (TU1JP)]	06.96-	110619	14	70	06.96-	110584	12	1.2		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



PEUGEOT Continued

Partner 1.4	[KFW (TU3JP)]	06.96-	110619	14	70	06.96-	110584	12	1.2
	[KFX (TU3JP)]	06.96-	110619	14	70	06.96-	110584	12	1.2
		06.96-	111723	14	70				
		06.96-	112782	14	80				
Partner 1.4 Bifuel	[KFW (TU3JP)]	09.02-	112469	14	90	09.02-	110584	12	1.2
Partner 1.6	[5FK (EP6C) DTR]					11.10-	113960	12	0.9
Partner 1.6 Tepee	[5FK (EP6C) DTR]					08.10-	113960	12	0.9
Partner 1.6 16V	[TUSJP]	07.01-	113258			07.01-	111994	12	0.7
	[TUSJP]					07.01-	110584	12	1.2
Partner 1.6 HDI	[DV6ATED4]	02.06-	113640	14	150	02.06-	113254	12	1.1
	[DV6B]	02.06-	113640	14	150	02.06-	113254	12	1.1
	[9HX (DV6ATED4)]					04.08-	113254	12	1.1
						04.08-	114030	12	2.2
	[DV6BTED4]					04.08-	113254	12	1.1
						04.08-	114030	12	2.2
	[DV6TED4]					04.08-	114030	12	2.2
						04.10-	113933	12	1.5
						04.10-	114030	12	2.2
						04.10-	113254	12	1.1
Partner 1.6 HDI Tepee	[9HR (DV6C)]					08.10-	113933	12	1.5
						08.10-	114030	12	2.2
	[9HX (DV6ATED4)]					04.08-	113254	12	1.1
						04.08-	114030	12	2.2
	[DV6BTED4]					04.08-	113254	12	1.1
						04.08-	114030	12	2.2
	[DV6TED4]					04.08-	114030	12	2.2
						04.08-	114030	12	2.2
Partner 1.8	[LFX (XU7JB)]	05.97-	111318	14	80	05.97-	113443	12	1.4
		05.97-	113604	14	95	05.97-	111130	12	1.1
Partner 1.8 Diesel	[A9A (XUD7)]	06.96-	112688	14	95	06.96-	114460	12	1.4
	[A9A (XUD7)]	06.96-	112230	14	90	06.96-	111070	12	1.7
		06.96-	112292	14	70				
	PS 06.96-	111893	14	70					
	PS 06.96-	113485	14	80					
	AC 06.96-	112703	14	120					
Partner 1.9 Diesel	[WJY (DW8)]	09.00-	113603	14	80	12.98-	114460	12	1.4
	[XUD9]	05.96- 07.96	112292	14	70	05.96- 12.98	111070	12	1.7
	[WJZ (DW8)]	06.96-	112480	14	90	06.96-	111070	12	1.7
		11.98- 08.02	113603	14	80	06.96-	114460	12	1.4
	[DJY (XUD9A)]	06.96-	112230	14	90	06.96-	111070	12	1.7
		06.96-	112292	14	70	06.96-	114460	12	1.4
		06.96-	112688	14	95				
	PS 06.96-	111893	14	70					
	PS 06.96-	113485	14	80					
	AC 06.96-	112703	14	120					
	[WJY (DW8B)]	09.00-	113603	14	80	06.96-	114460	12	1.4
		06.96-	112058	14	70	06.96-	111070	12	1.7
		06.96-	112460	14	150				
		06.96-	112480	14	90				
	[WJZ (DW8)]	06.96-	112058	14	70				
		06.96-	112460	14	150				
	[XUD9]	06.96- 12.98	112230	14	90				
	06.96- 12.98	112688	14	95					
	07.96- 12.98	111893	14	70					
	07.96- 12.98	113485	14	80					
Partner 1.9 Diesel 4x4	[WJY (DW8B)]	08.00-	113603	14	80	04.04-	114460	12	1.4
		04.04-	112480	14	90	04.04-	111070	12	1.7
	[WJY (DW8B)]	04.04-	112058	14	70				
						04.04- 08.05	114460	12	1.4
Partner 2.0 HDI	[RHY (DW10TD)]	02.00-	113948	14	150	12.99-	111070	12	1.7
		09.02-	113603	14	80	02.00-	114460	12	1.4
	[RHY (DW10TD)]	12.99- 11.02	112460	14	150				
		12.99- 11.02	112480	14	90				
Partner 2.0 HDI 4x4	[RHY (DW10TD)]	04.04-	112480	14	90	04.04-	111070	12	1.7
		04.04-	113603	14	80	04.04-	114460	12	1.4
	[RHY (DW10TD)]	04.04-	112058	14	70				
					04.04- 08.05	114460	12	1.4	
RCZ 1.6 16V	[5FV (EP6CDT)]					03.10-	113960	12	0.9
						06.10-	113960	12	0.9
RCZ 2.0 HDI	[RHH (DW10CTED4)]					03.10-	113926	12	1.9
Various Models						07.87-	111115	12	2.2
						11.87-	111070	12	1.7
<b>PASSENGER CARS US</b>									
404 1.6						01.68- 01.69	111066	12	1.05
404 1.8						01.70- 01.70	111066	12	1.05
405 1.9 DL		01.89- 01.91	111173#	14	80	01.89- 01.91	110587	12	1.2
		01.89- 01.91	111076	14	50				
		01.89- 01.91	110911	14	55				
405 1.9 MI16		01.89- 01.91	111076	14	50	01.89- 01.91	110587	12	1.2
		01.89- 01.91	111173#	14	80				
		01.89- 01.91	110911	14	55				
405 1.9 S		01.89- 01.91	111076	14	50	01.89- 01.91	110587	12	1.2
		01.89- 01.91	111173#	14	80				
		01.89- 01.91	110911	14	55				
504 2.0					01.71- 01.78	111066	12	1.05	
504 2.3		01.81- 01.83	110897#	14	50	08.76- 06.83	111109	12	2.0
		01.81- 01.83	111156	14	70				
505 2.0					01.80- 01.85	111066	12	1.05	
505 2.0 GL					01.84- 01.86	111066	12	1.05	
505 2.0 Liberté					01.87- 01.87	111066	12	1.05	
505 2.0 S					01.84- 01.86	111066	12	1.05	
505 2.0 STI					01.84- 01.86	111066	12	1.05	
505 2.2		01.90- 01.90	110769	14	70	01.90- 01.90	111063	12	1.2
505 2.2 DL		01.88- 01.91	110769	14	70	01.88- 01.91	111063	12	1.2
						01.91- 01.91	110790#	12	1.0
505 2.2 GL		01.87- 01.87	110769	14	70	01.87- 01.87	111063	12	1.2
505 2.2 GLS		01.87- 01.88	110769	14	70	01.87- 01.88	111063	12	1.2
505 2.2 S		01.89- 01.89	110769	14	70	01.89- 01.89	111063	12	1.2
505 2.2 STI		01.87- 01.88	110769	14	70	01.87- 01.88	111063	12	1.2
505 2.2 SW8		01.89- 01.91	110769	14	70	01.91- 01.91	110790#	12	1.0
						01.89- 01.91	111063	12	1.2
505 2.2 Turbo					01.85- 01.89	110790#	12	1.0	
505 2.2 Turbo S					01.87- 01.89	110790#	12	1.0	
505 2.2 Turbo STI					01.85- 01.86	110790#	12	1.0	
505 2.2 Turbo SW8					01.89- 01.91	110790#	12	1.0	
505 2.3		01.80- 01.83	111155#	14	50				
		01.80- 01.83	111156	14	70				
		01.80- 01.83	110897#	14	50				
		01.81- 01.85	110897#	14	50				
	01.81- 01.85	111155#	14	50					
	01.81- 01.85	111156	14	70					
505 2.3 Turbo GL		01.84- 01.85	111155#	14	50	01.84- 01.85	111109	12	2.0
		01.84- 01.85	110897#	14	50				
		01.84- 01.85	111156	14	70				
		01.85- 01.85	110897#	14	50	01.85- 01.85	111109	12	2.0
	01.85- 01.85	111156	14	70					
	01.85- 01.85	111155#	14	50					



505 2.5 D	[XD3T]	01.88-	110897#	14	50				
		01.88-	111155#	14	50				
		01.88-	111156	14	70				
505 2.5 Turbo		01.85- 01.87	111156	14	70	01.85-	01.87	111109	12 2.0
		01.85-	110897#	14	50				
		01.85-	111155#	14	50				
505 2.5 Turbo GLS		01.87-	111155#	14	50				
		01.87-	111156	14	70				
		01.87-	110897#	14	50				
505 2.5 Turbo S		01.86-	110897#	14	50				
		01.86-	111155#	14	50				
		01.86-	111156	14	70				
604 2.3 Turbo		01.82- 01.84	110897#	14	50	07.81-	12.86	111125	12 2.2
		01.82-	01.84	111155#	14	50		111109	12 2.0
		01.82-	01.84	111156	14	70			
Partner 1.8						05.97-		113443	12 1.4
<b>PASSENGER CARS AO</b>									
205 1.9 Diesel	[XUD9]					07.90-		110587	12 1.2
206 1.1		Only K6C / K6D 06.98-	113603	14	80				
309 1.1	[HTB (TU1)]	09.89-	10.93	112754	14	70			
405 1.8 Diesel 4x4	[ABA (XUD7TE)]					06.88-	12.92	111070	12 1.7
406 1.8		10.97-	03.99	113604	14	95			
Boxer 2.0	[RFL (XU10J2U)]					04.02-		113443	12 1.4
Expert 2.0 HDI Comfort		11.03-		113640	14	150			
Partner 1.6	[NFU (TU5JP4)]					09.00-		110584	12 1.2
						09.00-		111994	12 0.7
<b>Plaggio</b>									
<b>PASSENGER CARS EU</b>									
APE 0.4	[GL400]					06.00-		112171	12 1.1
Porter 1.0	[CB41]	12.92- 05.98	111048	14	40	02.94-	05.98	111088	12 0.8
		12.92-	05.98	113921	14	40			
Porter 1.3 i 16V		05.98-		111437	14	50			
<b>Plymouth</b>									
<b>PASSENGER CARS EU</b>									
Breeze 2.0 16V		12.95-		113067	14	90	12.95-		111396 12 1.2
Breeze 2.4 16V		12.95-	04.01	113067	14	90			
Neon 2.0 16V						05.94-		111396	12 1.2
						04.96-		113587	12 1.1
Voyager 2.0 i						01.95-	03.01	114294	12 1.1
Voyager 2.4 i		01.95-	03.01	113067	14	90			
Voyager 3.0						01.95-	03.01	113117#	12 1.2
Voyager 3.3 Flex-Fuel	[EGM]					01.98-	03.01	114135	12 1.2
Voyager 3.3 i						01.95-	03.01	114135	12 1.2
						01.95-	03.01	111492	12 1.4
						01.95-	03.01	111492	12 1.4
						01.95-	03.01	114135	12 1.2
						01.95-	03.01	111492	12 1.4
						01.95-	03.01	114135	12 1.2
<b>PASSENGER CARS US</b>									
Acclaim 2.5						01.89-	01.95	111425	12 1.4
		01.92-	01.95	111193	14	90			
		01.92-	01.95	113058	14	120			
		01.89-	01.91	111191#	14	90			
		01.89-	01.91	111192#	14	120			
		01.89-	01.91	111194	14	120			
		01.89-	01.91	111813#	14	90			
		01.89-	01.91	113051	14	120			
		01.89-	01.91	113052#	14	90			
Acclaim 2.5 LE		01.89-	01.91	113052#	14	90	01.89-	01.91	111425 12 1.4
		01.89-	01.91	113051	14	120			
		01.89-	01.91	111813#	14	90			
Acclaim 2.5 Turbo		01.89-	01.90	111191#	14	90	01.89-	01.90	111425 12 1.4
		01.89-	01.90	111192#	14	120			
		01.89-	01.90	111194	14	120			
		01.89-	01.90	113051	14	120			
		01.89-	01.90	113052#	14	90			
		01.89-	01.90	111813#	14	90			
Acclaim 2.5 Turbo LE		01.89-	01.91	111191#	14	90	01.89-	01.91	111425 12 1.4
		01.89-	01.92	111192#	14	120			
		01.89-	01.92	111194	14	120			
		01.89-	01.91	111813#	14	90			
		01.89-	01.91	113051	14	120			
		01.89-	01.91	113052#	14	90			
Acclaim 2.5						01.93-	01.94	111425	12 1.4
		01.93-	01.94	111193	14	90			
		01.93-	01.94	113058	14	120			
Acclaim 3.0		01.91-	01.95	113056	14	90	01.89-	01.95	111456 12 1.4
		01.91-	01.95	113060#	14	120			
		01.90-	01.90	113055	14	90			
		01.90-	01.90	113059#	14	120			
Acclaim 3.0 LE		01.91-	01.91	113056	14	90	01.90-	01.91	111456 12 1.4
		01.91-	01.91	113060#	14	120			
		01.90-	01.90	113055	14	90			
		01.90-	01.90	113059#	14	120			
Acclaim 3.0 LX		01.91-	01.91	113056	14	90	01.89-	01.91	111456 12 1.4
		01.91-	01.91	113060#	14	120			
		01.90-	01.90	113055	14	90			
		01.90-	01.90	113059#	14	120			
		01.89-	01.89	111192#	14	120			
		01.89-	01.89	111191#	14	90			
Arrow 1.6		01.79-	01.80	110140	14	50	01.79-	01.80	110158 12 1.2
						01.76-	01.78	110157	12 1.0
Arrow 1.6 GS		01.79-	01.79	110140	14	50	01.79-	01.79	110158 12 1.2
						01.76-	01.78	110157	12 1.0
Arrow 1.6 GT		01.79-	01.79	110140	14	50	01.79-	01.79	110158 12 1.2
						01.76-	01.78	110157	12 1.0
Arrow 2.0 GS						01.76-	01.78	110157	12 1.0
						01.76-	01.78	110291	12 1.2
Arrow 2.0 GT						01.76-	01.78	110157	12 1.0
						01.76-	01.78	110291	12 1.2
Arrow 2.0 Pickup		01.79-	01.82	110805	14	50	01.79-	01.82	110158 12 1.2
						01.81-	01.82	110311#	12 1.2
						01.79-	01.80	110291	12 1.2
Arrow 2.6		01.80-	01.80	110805	14	50	01.80-	01.80	110158 12 1.2
						01.80-	01.80	110291	12 1.2
Arrow 2.6 GS		01.79-	01.79	110805	14	50	01.79-	01.79	110291 12 1.2
						01.79-	01.79	110158	12 1.2

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

PLYMOUTH Continued

Arrow 2.6 GT	01.79- 01.79	110805	14	50	01.79- 01.79	110158	12	1.2
					01.79- 01.79	110291	12	1.2
Arrow 2.6 Pickup	01.79- 01.82	110805	14	50	01.79- 01.82	110158	12	1.2
					01.81- 01.82	110311#	12	1.2
					01.79- 01.80	110291	12	1.2
Barracuda 2.8	01.66- 01.66	110074	14	60	01.66- 01.66	110223	12	1.1
Barracuda 3.2	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Barracuda 3.7	01.65- 01.69	110074	14	60	01.65- 01.72	110223	12	1.1
	01.70- 01.72	110236	14	60				
	01.70- 01.72	112848#	14	110/114				
Barracuda 3.7 Gran	01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
Barracuda 4.5	01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
Barracuda 5.2	01.70- 01.74	110236	14	60	01.68- 01.74	110223	12	1.1
	01.70- 01.74	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Barracuda 5.2 Gran	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
	01.70- 01.71	112848#	14	110/114				
Barracuda 5.6	01.72- 01.73	110236	14	60	01.68- 01.73	110223	12	1.1
	01.72- 01.73	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Barracuda 5.9	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
	01.74- 01.74	112848#	14	110/114				
Barracuda 6.3	01.67- 01.69	110074	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
	01.70- 01.71	112848#	14	110/114				
Barracuda 6.3 Gran	01.70- 01.71	112848#	14	110/114	01.70- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
Belvedere 3.7	01.64- 01.69	110074	14	60	01.64- 01.70	110223	12	1.1
	01.70- 01.70	110236	14	60				
	01.70- 01.70	112848#	14	110/114				
Belvedere 3.7 Satellite	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Belvedere 4.5	01.64- 01.68	110074	14	60	01.64- 01.68	110223	12	1.1
Belvedere 4.5 Satellite	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Belvedere 5.2	01.64- 01.69	110074	14	60	01.64- 01.70	110223	12	1.1
	01.70- 01.70	110236	14	60				
	01.70- 01.70	112848#	14	110/114				
Belvedere 5.2 Satellite	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Belvedere 5.9	01.64- 01.65	110074	14	60				
Belvedere 6.3	01.64- 01.69	110074	14	60	01.66- 01.70	110222	12	1.3
	01.70- 01.70	110236	14	60				
	01.70- 01.70	112848#	14	110/114				
Belvedere 6.3 Satellite	01.70- 01.70	110236	14	60	01.68- 01.70	110222	12	1.3
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Belvedere 7.0	01.64- 01.67	110074	14	60				
Belvedere 7.2	01.66- 01.67	110074	14	60	01.66- 01.67	110222	12	1.3
Breeze 2.0 [ECB]	01.96- 01.98	113067	14	90	01.98- 01.98	113587	12	1.1
	01.99- 01.00	113067	14	90	01.99- 01.00	113587	12	1.1
Breeze 2.4 [EDZ]	01.98- 01.98	113067	14	90	01.97- 01.00	113115#	12	1.4
	01.99- 01.00	113067	14	90	01.99- 01.00	113115#	12	1.4
Caravelle 2.2	01.85- 01.88	111813#	14	90	01.87- 01.88	111425	12	1.4
					01.85- 01.85	113095#	12	0.9
	01.84- 01.88	110513						
	01.83- 01.87	110514	14	78				
Caravelle 2.2 SE	01.85- 01.87	111813#	14	90	01.85- 01.87	113095#	12	0.9
	01.85- 01.87	110513						
Caravelle 2.2 Turbo	01.85- 01.88	111813#	14	90	01.85- 01.85	113095#	12	0.9
	01.84- 01.88	110513						
Caravelle 2.2 Turbo SE	01.85- 01.88	111191#	14	90	01.85- 01.88	113095#	12	0.9
	01.85- 01.88	110513						
	01.85- 01.88	111813#	14	90				
Caravelle 2.5	01.86- 01.88	111813#	14	90	01.86- 01.88	111425	12	1.4
Caravelle 2.5 SE	01.86- 01.88	111813#	14	90	01.86- 01.88	111425	12	1.4
Caravelle 2.6	01.83- 01.85	113028#	14	75	01.83- 01.85	110222#	12	1.4
					01.85- 01.85	110290#	12	1.0
Caravelle 2.6 SE	01.85- 01.85	113028#	14	75	01.85- 01.85	110222#	12	1.4
					01.85- 01.85	110290#	12	1.0
Caravelle 3.7	01.78- 01.83	110236	14	60	01.78- 01.83	110223	12	1.1
	01.78- 01.83	112848#	14	110/114				
Caravelle 3.7 SALON	01.80- 01.81	110236	14	60	01.80- 01.81	110223	12	1.1
	01.80- 01.81	112848#	14	110/114				
Caravelle 3.7 Sport	01.81- 01.81	110236	14	60	01.81- 01.81	110223	12	1.1
	01.81- 01.81	112848#	14	110/114				
Caravelle 5.2	01.78- 01.87	110236	14	60	01.78- 01.87	110223	12	1.1
	01.78- 01.87	112848#	14	110/114				
	01.89- 01.89	113053#	14	90				
	01.89- 01.89	111192#	14	120				
Caravelle 5.2 SALON	01.80- 01.81	110236	14	60	01.80- 01.81	110223	12	1.1
	01.80- 01.81	112848#	14	110/114				
Caravelle 5.2 Sport	01.81- 01.81	110236	14	60	01.81- 01.81	110223	12	1.1
	01.81- 01.81	112848#	14	110/114				
Caravelle 5.9	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
	01.78- 01.79	112848#	14	110/114				
Champ 1.4	01.79- 01.82	110140	14	50	01.79- 01.82	110158	12	1.2
Champ 1.4 Custom	01.79- 01.79	110140	14	50	01.79- 01.79	110158	12	1.2
Champ 1.6	01.80- 01.81	110140	14	50	01.80- 01.81	110158	12	1.2
Champ 1.6 Custom	01.79- 01.82	110140	14	50	01.79- 01.82	110158	12	1.2
Colt 1.4	01.79- 01.83	110140	14	50	01.83- 01.83	110158	12	1.2
Colt 1.4 Deluxe	01.83- 01.83	110140	14	50	01.83- 01.83	110158	12	1.2
Colt 1.4 DL	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.4 E	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.5	01.89- 01.94	110659	14	75	01.89- 01.94	110158	12	1.2
					01.91- 01.94	110958	12	0.9
Colt 1.5 100	01.90- 01.90	110659	14	75				
Colt 1.5 100 DL	01.89- 01.91	110659	14	75	01.91- 01.91	110158	12	1.2
					01.91- 01.91	110958	12	0.9
Colt 1.5 100 E	01.89- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 100 LX	01.89- 01.90	110659	14	75				
Colt 1.5 200 DL	01.89- 01.90	110659	14	75				



Colt 1.5 200 E	01.89- 01.92	110659	14	75	01.92- 01.92	110158	12	1.2
					01.92- 01.92	110958	12	0.9
Colt 1.5 200 GT	01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 200 LX	01.89- 01.89	110659	14	75				
Colt 1.5 DL	01.88- 01.90	110659	14	75	01.85- 01.90	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 E	01.89- 01.89	110659	14	75	01.85- 01.89	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 GL	01.90- 01.94	110659	14	75	01.90- 01.94	110158	12	1.2
					01.91- 01.94	110958	12	0.9
Colt 1.5 GT	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.6	01.79- 01.83	110140	14	50	01.83- 01.83	110158	12	1.2
Colt 1.6 200 LX	01.89- 01.89	110802	14	75				
Colt 1.6 Custom	01.83- 01.83	110140	14	50	01.83- 01.83	110158	12	1.2
Colt 1.6 Deluxe	01.83- 01.83	110140	14	50	01.83- 01.83	110158	12	1.2
Colt 1.6 DL	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.6 E	01.84- 01.84	110140	14	50	01.84- 01.84	110158	12	1.2
Colt 1.6 GT	01.90- 01.90	110802	14	75	01.90- 01.90	110811	12	1.2
Colt 1.6 Turbo 100	01.90- 01.90	110802	14	75				
Colt 1.6 Turbo 100 DL	01.89- 01.89	110802	14	75				
Colt 1.6 Turbo 100 LX	01.89- 01.90	110802	14	75				
Colt 1.6 Turbo DL					01.84- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
	01.84- 01.84	110140	14	50				
Colt 1.6 Turbo GT	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Turbo GTS					01.88- 01.88	110158	12	1.2
Colt 1.6 Turbo Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.8					01.92- 01.94	111379		
Colt 1.8 DL					01.89- 01.90	110158	12	1.2
Colt 1.8 GL					01.93- 01.94	111379		
Colt 1.8 Vista					01.92- 01.94	111379		
Colt 1.8 Vista SE					01.92- 01.92	111379		
Colt 2.0 Vista	01.87- 01.91	112531	14	60	01.87- 01.91	110811	12	1.2
	01.84- 01.86	110405#	14	65	01.84- 01.91	110158	12	1.2
					01.84- 01.86	110311#	12	1.2
Colt 2.0 Vista Custom	01.86- 01.86	110660	14	65	01.86- 01.86	110158	12	1.2
					01.86- 01.86	110311#	12	1.2
Colt 2.4	01.93- 01.94	111376	14	75	01.93- 01.94	113615#	12	1.6
					01.93- 01.94	110158	12	1.2
Colt 2.4 4x4	01.92- 01.92	110802	14	75	01.92- 01.92	113615#	12	1.6
					01.92- 01.92	110158	12	1.2
Colt 2.4 Vista	01.93- 01.94	111376	14	75	01.92- 01.94	113615#	12	1.6
					01.92- 01.92	110802	14	75
Colt 2.4 Vista SE	01.93- 01.94	111376	14	75	01.92- 01.94	113615#	12	1.6
					01.92- 01.92	110802	14	75
Colt 2.6	01.78- 01.78	110805	14	50	01.92- 01.94	110158	12	1.2
Conquest 2.6 Turbo	01.84- 01.86	110318	14	50	01.84- 01.86	110311#	12	1.2
					01.84- 01.85	110158	12	1.2
Cricket 1.5	01.71- 01.73	110178	14	36	01.71- 01.73	111102	12	0.8
Cuda 5.2	01.72- 01.74	110236	14	60	01.72- 01.74	110223	12	1.1
	01.72- 01.74	112848#	14	110/114				
Cuda 5.6	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
	01.70- 01.73	112848#	14	110/114				
Cuda 5.9	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
	01.74- 01.74	112848#	14	110/114				
Cuda 6.3	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
Cuda 7.0	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
Cuda 7.2	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
Duster 3.2	01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Duster 3.7	01.70- 01.76	112848#	14	110/114	01.70- 01.76	110223	12	1.1
	01.70- 01.76	110236	14	60				
Duster 3.7 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
	01.75- 01.75	112848#	14	110/114				
Duster 5.2	01.70- 01.76	110236	14	60	01.70- 01.76	110223	12	1.1
	01.70- 01.76	112848#	14	110/114				
Duster 5.2 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
	01.75- 01.75	112848#	14	110/114				
Duster 5.6 340	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
	01.70- 01.73	112848#	14	110/114				
Duster 5.9	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
	01.76- 01.76	112848#	14	110/114				
Duster 5.9 360	01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
	01.74- 01.75	112848#	14	110/114				
Expo 2.2	01.87- 01.87	111813#	14	90				
	01.88- 01.88	113052#	14	90				
	01.88- 01.88	113051	14	120				
	01.87- 01.87	110513						
Fleet 3.7 Special					01.62- 01.63	110223	12	1.1
Fleet 5.9 Special					01.62- 01.63	110223	12	1.1
Fury 3.7	01.70- 01.78	110236	14	60	01.68- 01.78	110223	12	1.1
	01.70- 01.78	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Fury 3.7 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
	01.75- 01.75	112848#	14	110/114				
Fury 3.7 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 3.7 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
	01.76- 01.78	112848#	14	110/114				
Fury 3.7 Sport	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
	01.76- 01.78	110236	14	60				
Fury 3.7 Suburban	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.70- 01.70	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 4.5	01.64- 01.65	110074	14	60	01.64- 01.65	110223	12	1.1
Fury 5.2	01.70- 01.78	112848#	14	110/114	01.67- 01.78	110223	12	1.1
	01.70- 01.78	110236	14	60				
	01.67- 01.69	110074	14	60				
Fury 5.2 Custom	01.75- 01.75	112848#	14	110/114	01.75- 01.75	110223	12	1.1
	01.75- 01.75	110236	14	60				
Fury 5.2 Custom Suburban	01.70- 01.75	110236	14	60	01.68- 01.75	110223	12	1.1
	01.70- 01.75	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 5.2 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
	01.76- 01.78	112848#	14	110/114				
Fury 5.2 Sport	01.70- 01.78	110236	14	60	01.68- 01.78	110223	12	1.1
	01.70- 01.78	112848#	14	110/114				
	01.68- 01.69	110074	14	60				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PLYMOUTH Continued

Fury 5.2 Sport Suburban	01.70- 01.75	110236	14	60	01.68- 01.75	110223	12	1.1
	01.70- 01.75	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 5.2 Suburban	01.70- 01.75	110236	14	60	01.68- 01.75	110223	12	1.1
	01.70- 01.75	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 5.2 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 5.9	01.71- 01.78	112848#	14	110/114	01.71- 01.78	110222	12	1.3
	01.71- 01.78	110236	14	60	01.62- 01.64	110223	12	1.1
Fury 5.9 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110222	12	1.3
	01.75- 01.75	112848#	14	110/114				
Fury 5.9 Custom Suburban	01.71- 01.75	110236	14	60	01.71- 01.75	110222	12	1.3
	01.71- 01.75	112848#	14	110/114				
Fury 5.9 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
	01.74- 01.74	112848#	14	110/114				
Fury 5.9 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
Fury 5.9 Sport	01.71- 01.78	112848#	14	110/114	01.71- 01.78	110222	12	1.3
	01.71- 01.78	110236	14	60				
Fury 5.9 Sport Suburban	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
	01.71- 01.78	112848#	14	110/114				
Fury 5.9 Suburban	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
	01.71- 01.78	112848#	14	110/114				
Fury 6.3	01.70- 01.71	112848#	14	110/114	01.64- 01.71	110222	12	1.3
	01.64- 01.69	110074	14	60				
Fury 6.3 Custom Suburban	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 6.3 Sport	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Fury 6.3 Sport Suburban	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 6.3 Suburban	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 6.3 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Fury 6.6	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
	01.72- 01.78	112848#	14	110/114				
Fury 6.6 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110222	12	1.3
	01.75- 01.75	112848#	14	110/114				
Fury 6.6 Custom Suburban	01.72- 01.75	110236	14	60	01.72- 01.75	110222	12	1.3
	01.72- 01.75	112848#	14	110/114				
Fury 6.6 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
	01.74- 01.74	112848#	14	110/114				
Fury 6.6 Salon	01.76- 01.78	112848#	14	110/114	01.76- 01.78	110222	12	1.3
	01.76- 01.78	110236	14	60				
Fury 6.6 Sport	01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
	01.75- 01.78	112848#	14	110/114				
Fury 6.6 Sport Suburban	01.72- 01.78	112848#	14	110/114	01.72- 01.78	110222	12	1.3
	01.72- 01.78	110236	14	60				
Fury 6.6 Suburban	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
	01.72- 01.78	112848#	14	110/114				
Fury 7.0	01.64- 01.66	110074	14	60	01.64- 01.66	110222	12	1.3
Fury 7.2	01.67- 01.69	110074	14	60	01.67- 01.78	110222	12	1.3
	01.70- 01.78	110236	14	60				
	01.70- 01.78	112848#	14	110/114				
Fury 7.2 Custom Suburban	01.70- 01.74	110236	14	60	01.68- 01.74	110222	12	1.3
	01.70- 01.74	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 7.2 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
	01.74- 01.74	112848#	14	110/114				
Fury 7.2 Salon	01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
	01.77- 01.78	112848#	14	110/114				
Fury 7.2 Sport	01.70- 01.71	112848#	14	110/114	01.68- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60				
	01.68- 01.69	110074	14	60				
Fury 7.2 Sport GT	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Fury 7.2 Sport Suburban	01.70- 01.74	112848#	14	110/114	01.68- 01.74	110222	12	1.3
	01.70- 01.74	110236	14	60				
	01.68- 01.68	110074	14	60				
Fury 7.2 Suburban	01.70- 01.73	110236	14	60	01.68- 01.73	110222	12	1.3
	01.70- 01.73	112848#	14	110/114				
	01.68- 01.68	110074	14	60				
Fury 7.2 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Gran Fury 3.7	01.80- 01.83	110236	14	60	01.80- 01.83	110223	12	1.1
	01.80- 01.83	112848#	14	110/114				
Gran Fury 3.7 SALON	01.80- 01.80	110236	14	60	01.80- 01.80	110223	12	1.1
	01.80- 01.80	112848#	14	110/114				
Gran Fury 5.2	01.72- 01.87	110236	14	60	01.72- 01.87	110223	12	1.1
	01.72- 01.87	112848#	14	110/114	01.88- 01.89	111456	12	1.4
Gran Fury 5.2 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
	01.75- 01.75	112848#	14	110/114				
Gran Fury 5.2 SALON	01.80- 01.80	110236	14	60	01.80- 01.80	110223	12	1.1
	01.80- 01.80	112848#	14	110/114				
Gran Fury 5.9	01.72- 01.80	110236	14	60	01.72- 01.80	110222	12	1.3
	01.72- 01.80	112848#	14	110/114				
Gran Fury 5.9 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	112848#	14	110/114				
Gran Fury 5.9 Custom	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
	01.75- 01.76	112848#	14	110/114				
Gran Fury 5.9 SALON	01.80- 01.80	110236	14	60	01.80- 01.80	110222	12	1.3
	01.80- 01.80	112848#	14	110/114				
Gran Fury 6.6	01.72- 01.77	110236	14	60	01.72- 01.77	110222	12	1.3
	01.72- 01.77	112848#	14	110/114				
Gran Fury 6.6 Brougham	01.75- 01.77	112848#	14	110/114	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Gran Fury 6.6 Custom	01.75- 01.76	112848#	14	110/114	01.75- 01.76	110222	12	1.3
	01.75- 01.76	110236	14	60				
Gran Fury 6.6 Custom Suburban	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
	01.75- 01.76	112848#	14	110/114				
Gran Fury 6.6 Sport Suburban	01.75- 01.77	112848#	14	110/114	01.75- 01.77	110222	12	1.3
	01.75- 01.77	110236	14	60				
Gran Fury 6.6 Suburban	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	112848#	14	110/114				
Gran Fury 7.2	01.72- 01.77	112848#	14	110/114	01.72- 01.77	110222	12	1.3
	01.72- 01.77	110236	14	60				
Gran Fury 7.2 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
	01.75- 01.77	112848#	14	110/114				
Gran Fury 7.2 Custom	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
	01.75- 01.76	112848#	14	110/114				
Gran Fury 7.2 Custom Suburban	01.75- 01.76	110236	14	60	01.75- 01.76	110222	12	1.3
	01.75- 01.76	112848#	14	110/114				



Gran Fury 7.2 Sport Suburban		01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
		01.75- 01.77	112848#	14	110/114				
Gran Fury 7.2 Suburban		01.76- 01.77	112848#	14	110/114	01.76- 01.77	110222	12	1.3
		01.76- 01.77	110236	14	60				
Grand Voyager 2.4						01.96- 01.97	113241#	12	1.2
Grand Voyager 2.4 SE						01.96- 01.97	113241#	12	1.2
Grand Voyager 2.5 SE		01.88- 01.89	113052#	14	90	01.88- 01.89	111425	12	1.4
		01.88- 01.89	111813#	14	90				
Grand Voyager 3.0	[EFA]					01.98- 01.98	113117#	12	1.2
		01.94- 01.95	113060#	14	120	01.92- 01.00	113117#	12	1.2
		01.94- 01.95	113056	14	90	01.94- 01.95	111456	12	1.4
Grand Voyager 3.0 LE		01.93- 01.93	113056	14	90	01.88- 01.93	111456	12	1.4
		01.93- 01.93	113060#	14	120				
		01.88- 01.89	111191#	14	90				
Grand Voyager 3.0 SE		01.92- 01.95	113056	14	90	01.96- 01.97	113117#	12	1.2
		01.92- 01.95	113060#	14	120	01.89- 01.95	111456	12	1.4
		01.89- 01.89	111191#	14	90				
		01.89- 01.89	111192#	14	120				
Grand Voyager 3.3	[EGA]					01.98- 01.98	111492	12	1.4
						01.97- 01.99	111492	12	1.4
Grand Voyager 3.3 LE		01.90- 01.95	113056	14	90	01.90- 01.95	111492	12	1.4
		01.90- 01.95	113060#	14	120				
Grand Voyager 3.3 SE		01.90- 01.94	113056	14	90	01.90- 01.97	111492	12	1.4
		01.90- 01.94	113060#	14	120				
Grand Voyager 3.3	[EGM]					01.98- 01.99	111492	12	1.4
Grand Voyager 3.8						01.99- 01.99	111492	12	1.4
Grand Voyager 3.8 LE		01.94- 01.95	113056	14	90	01.94- 01.95	111492	12	1.4
		01.94- 01.95	113060#	14	120				
Grand Voyager 3.8 SE		01.95- 01.95	113056	14	90	01.95- 01.95	111492	12	1.4
		01.95- 01.95	113060#	14	120				
GTX 4.5		01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
GTX 5.2		01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
GTX 6.3		01.67- 01.67	110074	14	60				
GTX 7.0		01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
GTX 7.2		01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
Horizon 1.6						01.83- 01.86	113039	12	0.9
Horizon 1.6 Custom						01.83- 01.83	113039	12	0.9
Horizon 1.6 SE						01.84- 01.86	113039	12	0.9
Horizon 1.6 TC3 Turismo						01.83- 01.83	113039	12	0.9
Horizon 1.6 Turismo						01.84- 01.86	113039	12	0.9
Horizon 1.7		01.83- 01.83	110514	14	78				
Horizon 1.7 Custom		01.83- 01.83	110514	14	78				
Horizon 1.7 E-Type		01.82- 01.82	110514	14	78				
Horizon 1.7 Miser		01.81- 01.82	110514	14	78				
Horizon 1.7 TC3		01.80- 01.82	110514	14	78				
Horizon 1.7 TC3 Miser		01.81- 01.82	110514	14	78				
Horizon 1.7 TC3 Turismo		01.83- 01.83	110514	14	78				
Horizon 2.2						01.87- 01.90	111425	12	1.4
		01.86- 01.90	111813#	14	90	01.81- 01.85	113095#	12	0.9
		01.88- 01.90	113052#	14	90				
		01.88- 01.90	111191#	14	90				
		01.88- 01.90	111192#	14	120				
		01.88- 01.90	111194	14	120				
		01.84- 01.87	110513						
		01.81- 01.85	110514	14	78				
Horizon 2.2 Custom		01.83- 01.83	110514	14	78	01.83- 01.83	113095#	12	0.9
Horizon 2.2 E-Type		01.82- 01.82	110514	14	78	01.82- 01.82	113095#	12	0.9
Horizon 2.2 Miser		01.81- 01.82	110514	14	78	01.81- 01.82	113095#	12	0.9
Horizon 2.2 SE		01.84- 01.86	110513			01.84- 01.86	113095#	12	0.9
Horizon 2.2 TC3		01.81- 01.82	110514	14	78	01.81- 01.82	113095#	12	0.9
Horizon 2.2 TC3 Miser		01.81- 01.82	110514	14	78	01.81- 01.82	113095#	12	0.9
Horizon 2.2 TC3 Turismo		01.82- 01.83	110514	14	78	01.82- 01.83	113095#	12	0.9
Horizon 2.2 Turismo		01.84- 01.87	110513			01.83- 01.87	113095#	12	0.9
		01.86- 01.86	111813#	14	90				
		01.83- 01.85	110514	14	78				
Laser 1.8		01.90- 01.94	110666	14	60	01.90- 01.94	110158	12	1.2
						01.93- 01.94	110958	12	0.9
Laser 1.8 RS		01.90- 01.90	110666	14	60	01.90- 01.90	110158	12	1.2
Laser 2.0 RS		01.90- 01.94	110802	14	75	01.90- 01.94	110811	12	1.2
		01.90- 01.94	110804	14	90				
Laser 2.0 Turbo RS		01.90- 01.94	110802	14	75	01.90- 01.94	110811	12	1.2
		01.90- 01.94	110804	14	90				
Neon 2.0	[ECB]	01.96- 01.97	111530	14	90	01.98- 01.98	113587	12	1.1
	[ECC]	01.96- 01.97	111530	14	90	01.98- 01.98	113587	12	1.1
		01.95- 01.95	111530	14	90	01.00- 01.01	113613	12	1.1
						01.99- 01.99	113587	12	1.1
						01.95- 01.95	111396	12	1.2
Neon 2.0 Highline	[ECB]	01.96- 01.97	111530	14	90				
	[ECC]	01.96- 01.97	111530	14	90				
		01.95- 01.95	111530	14	90	01.95- 01.95	111396	12	1.2
Neon 2.0 Sport	[ECB]	01.96- 01.96	111530	14	90				
	[ECC]	01.96- 01.96	111530	14	90				
		01.95- 01.95	111530	14	90	01.95- 01.95	111396	12	1.2
Prowler 3.5		01.99- 01.01	113027	14	130	01.00- 01.01	113242	12	1.4
		01.97- 01.99	113066#	14	90	01.97- 01.99	112845	12	1.4
Reliant 2.2		01.81- 01.85	110514	14	78	01.81- 01.87	113095#	12	0.9
		01.85- 01.87	111813#	14	90				
		01.85- 01.87	110513						
Reliant 2.2 Custom		01.81- 01.84	110514	14	78	01.81- 01.84	113095#	12	0.9
Reliant 2.2 LE		01.85- 01.89	111192#	14	120	01.85- 01.89	113095#	12	0.9
		01.85- 01.89	111813#	14	90				
		01.85- 01.89	110513						
		01.85- 01.89	111191#	14	90				
Reliant 2.2 SE		01.81- 01.85	110514	14	78	01.81- 01.86	113095#	12	0.9
		01.85- 01.86	110513						
		01.85- 01.86	111813#	14	90				
Reliant 2.5						01.86- 01.87	111425	12	1.4
Reliant 2.5 LE		01.86- 01.87	111813#	14	90	01.86- 01.89	111425	12	1.4
		01.86- 01.89	111192#	14	120				
		01.86- 01.89	111813#	14	90				
Reliant 2.5 SE		01.86- 01.89	111191#	14	90	01.86- 01.86	111425	12	1.4
		01.86- 01.86	111813#	14	90				
Reliant 2.6		01.81- 01.85	113028#	14	75	01.81- 01.85	111022#	12	1.4
						01.81- 01.85	110290#	12	1.0
Reliant 2.6 Custom		01.81- 01.84	113028#	14	75	01.81- 01.84	111022#	12	1.4
						01.81- 01.84	110290#	12	1.0
Reliant 2.6 LE		01.85- 01.85	113028#	14	75	01.85- 01.85	111022#	12	1.4
						01.85- 01.85	110290#	12	1.0

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

PLYMOUTH Continued

Reliant 2.6 SE	01.81- 01.85	113028#	14	75	01.81- 01.85	111022#	12	1.4
					01.81- 01.85	110290#	12	1.0
Roadrunner 4.5	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Roadrunner 5.2	01.68- 01.68	110074	14	60	01.68- 01.75	110223	12	1.1
	01.72- 01.75	110236	14	60				
	01.72- 01.75	112848#	14	110/114				
Roadrunner 5.6	01.71- 01.73	110236	14	60	01.71- 01.73	110223	12	1.1
	01.71- 01.73	112848#	14	110/114				
Roadrunner 5.9	01.74- 01.75	110236	14	60	01.74- 01.75	110222	12	1.3
	01.74- 01.75	112848#	14	110/114				
Roadrunner 6.3	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Roadrunner 6.6	01.72- 01.75	110236	14	60	01.72- 01.75	110222	12	1.3
	01.72- 01.75	112848#	14	110/114				
Roadrunner 7.0	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.70- 01.71	112848#	14	110/114				
	01.68- 01.69	110074	14	60				
Roadrunner 7.2	01.70- 01.74	110236	14	60	01.69- 01.74	110222	12	1.3
	01.70- 01.74	112848#	14	110/114				
	01.69- 01.69	110074	14	60				
Sapporo 1.6					01.78- 01.79	110158	12	1.2
					01.78- 01.79	110157	12	1.0
Sapporo 2.6	01.81- 01.83	110805	14	50	01.78- 01.83	110158	12	1.2
					01.81- 01.83	110311#	12	1.2
					01.78- 01.80	110291	12	1.2
Satellite 3.7	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
	01.66- 01.67	110074	14	60				
Satellite 3.7 Custom	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
Satellite 3.7 Sebring	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
Satellite 4.5	01.65- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Satellite 5.2	01.71- 01.74	110236	14	60	01.65- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
	01.65- 01.69	110074	14	60				
Satellite 5.2 Brougham	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
	01.71- 01.71	112848#	14	110/114				
Satellite 5.2 Custom	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
Satellite 5.2 Regent	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
Satellite 5.2 Sebring	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
Satellite 5.2 Sebring Plus	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
	01.71- 01.74	112848#	14	110/114				
Satellite 5.6 Custom	01.72- 01.72	112848#	14	110/114	01.72- 01.72	110223	12	1.1
	01.72- 01.72	110236	14	60				
Satellite 5.6 Sebring	01.72- 01.72	110236	14	60	01.72- 01.72	110223	12	1.1
	01.72- 01.72	112848#	14	110/114				
Satellite 5.9	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
	01.74- 01.74	112848#	14	110/114				
Satellite 5.9 Custom	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
	01.74- 01.74	112848#	14	110/114				
Satellite 5.9 Regent	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
	01.74- 01.74	112848#	14	110/114				
Satellite 5.9 Sebring	01.74- 01.74	112848#	14	110/114	01.74- 01.74	110223	12	1.1
	01.74- 01.74	110236	14	60				
Satellite 5.9 Sebring Plus	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
	01.74- 01.74	112848#	14	110/114				
Satellite 6.3	01.71- 01.71	110236	14	60	01.66- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
	01.65- 01.69	110074	14	60				
Satellite 6.3 Brougham	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Satellite 6.3 Custom	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Satellite 6.3 Regent	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Satellite 6.3 Sebring	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
	01.71- 01.71	112848#	14	110/114				
Satellite 6.3 Sebring Plus	01.71- 01.71	112848#	14	110/114	01.71- 01.71	110222	12	1.3
	01.71- 01.71	110236	14	60				
Satellite 6.3 Sport	01.70- 01.70	110236	14	60	01.70- 01.70	110222	12	1.3
	01.70- 01.70	112848#	14	110/114				
Satellite 6.6	01.72- 01.74	112848#	14	110/114	01.72- 01.74	110222	12	1.3
	01.72- 01.74	110236	14	60				
Satellite 6.6 Custom	01.72- 01.74	110236	14	60	01.72- 01.74	110222	12	1.3
	01.72- 01.74	112848#	14	110/114				
Satellite 6.6 Regent	01.72- 01.74	110236	14	60	01.72- 01.74	110222	12	1.3
	01.72- 01.74	112848#	14	110/114				
Satellite 6.6 Sebring	01.72- 01.74	110236	14	60	01.72- 01.74	110222	12	1.3
	01.72- 01.74	112848#	14	110/114				
Satellite 6.6 Sebring Plus	01.72- 01.74	110236	14	60	01.72- 01.74	110222	12	1.3
	01.72- 01.74	112848#	14	110/114				
Satellite 7.0	01.65- 01.67	110074	14	60	01.65- 01.67	110222	12	1.3
Satellite 7.2	01.66- 01.67	110074	14	60	01.66- 01.74	110222	12	1.3
	01.74- 01.74	110236	14	60				
	01.74- 01.74	112848#	14	110/114				
Savoy 3.7	01.62- 01.64	110074	14	60	01.62- 01.64	110223	12	1.1
Savoy 4.5	01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
Savoy 5.2	01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
Savoy 5.9					01.62- 01.64	110223	12	1.1
Savoy 6.3	01.64- 01.64	110074	14	60				
Savoy 7.0	01.64- 01.64	110074	14	60	01.64- 01.64	110222	12	1.3
Scamp 2.2	01.83- 01.83	110514	14	78	01.83- 01.83	113095#	12	0.9
Scamp 3.2	01.71- 01.74	110236	14	60	01.71- 01.74	110223	12	1.1
Scamp 3.7	01.71- 01.76	110236	14	60	01.71- 01.76	110223	12	1.1
	01.71- 01.76	112848#	14	110/114				
Scamp 3.7 Special	01.76- 01.76	112848#	14	110/114	01.76- 01.76	110223	12	1.1
	01.76- 01.76	110236	14	60				
Scamp 5.2	01.71- 01.76	112848#	14	110/114	01.71- 01.76	110223	12	1.1
	01.71- 01.76	110236	14	60				
Scamp 5.2 Special	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
	01.76- 01.76	112848#	14	110/114				
Sundance 2.2					01.87- 01.94	111425	12	1.4
	01.90- 01.94	111194	14	120				
	01.90- 01.94	113058	14	120				
	01.90- 01.94	111193	14	90				
	01.87- 01.89	111813#	14	90				
	01.87- 01.89	110513						
Sundance 2.2 America					01.91- 01.92	111425	12	1.4
	01.91- 01.92	113058	14	120				
	01.91- 01.92	111193	14	90				



Sundance 2.2 Turbo	01.87- 01.88	111813#	14	90	01.87- 01.88	111425	12	1.4
	01.87- 01.88	110513						
Sundance 2.5	01.92- 01.94	111194	14	120	01.88- 01.94	111425	12	1.4
	01.92- 01.94	111193	14	90				
	01.92- 01.94	113058	14	120				
	01.88- 01.91	111813#	14	90				
	01.88- 01.91	113052#	14	90				
Sundance 2.5 America					01.92- 01.92	111425	12	1.4
	01.92- 01.92	113058	14	120				
	01.92- 01.92	111193	14	90				
Sundance 2.5 Duster	01.92- 01.94	111193	14	90	01.92- 01.94	111425	12	1.4
	01.92- 01.94	113058	14	120				
Sundance 2.5 RS	01.91- 01.91	111193	14	90	01.91- 01.91	111425	12	1.4
	01.91- 01.91	113058	14	120				
Sundance 2.5 Turbo					01.89- 01.90	111425	12	1.4
	01.89- 01.90	111813#	14	90				
	01.89- 01.90	113051	14	120				
	01.89- 01.90	113052#	14	90				
Sundance 2.5 Turbo RS	01.91- 01.91	111193	14	90	01.91- 01.91	111425	12	1.4
	01.91- 01.91	113058	14	120				
Sundance 3.0 Duster	01.92- 01.94	113060#	14	120	01.92- 01.94	111456	12	1.4
	01.92- 01.94	113056	14	90				
Sundance 3.0 RS	01.92- 01.92	113056	14	90	01.92- 01.92	111456	12	1.4
	01.92- 01.92	113060#	14	120				
Superbird 7.2	01.70-	110236	14	60				
	01.70-	112848#	14	110/114				
Trailduster 1.6	01.75- 01.80	110236	14	60	01.83- 01.85	113039	12	0.9
Trailduster 3.7	01.75- 01.80	112848#	14	110/114	01.75- 01.80	110223	12	1.1
	01.74- 01.81	110236	14	60				
Trailduster 5.2	01.74- 01.81	112848#	14	110/114	01.74- 01.81	110223	12	1.1
	01.74- 01.81	110236	14	60				
Trailduster 5.9	01.74- 01.81	110236	14	60	01.74- 01.81	110222	12	1.3
	01.74- 01.81	112848#	14	110/114				
Trailduster 6.6	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
	01.76- 01.78	112848#	14	110/114				
Trailduster 7.2	01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
	01.74- 01.78	112848#	14	110/114				
Valliant 2.8	01.62- 01.67	110074	14	60	01.62- 01.67	110223	12	1.1
Valliant 2.8 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 2.8 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 3.2	01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Valliant 3.7	01.70- 01.76	110236	14	60	01.65- 01.76	110223	12	1.1
	01.70- 01.76	112848#	14	110/114				
	01.65- 01.67	110074	14	60				
Valliant 3.7 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 3.7 Brougham	01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
	01.74- 01.75	112848#	14	110/114				
Valliant 3.7 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
	01.75- 01.75	112848#	14	110/114				
Valliant 3.7 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 4.5	01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
Valliant 4.5 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 4.5 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 5.2	01.70- 01.76	110236	14	60	01.70- 01.76	110223	12	1.1
	01.70- 01.76	112848#	14	110/114				
Valliant 5.2 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 5.2 Brougham	01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
	01.74- 01.75	112848#	14	110/114				
Valliant 5.2 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
	01.75- 01.75	112848#	14	110/114				
Valliant 5.2 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valliant 5.9	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
	01.76- 01.76	112848#	14	110/114				
VIP 5.2	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
VIP 6.3	01.67- 01.67	110074	14	60	01.67- 01.67	110222	12	1.3
VIP 7.2	01.67- 01.67	110074	14	60	01.67- 01.67	110222	12	1.3
Volare 3.7	01.76- 01.80	110236	14	60	01.76- 01.80	110223	12	1.1
	01.76- 01.80	112848#	14	110/114				
Volare 3.7 Custom	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
	01.76- 01.77	112848#	14	110/114				
Volare 3.7 Premier	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
	01.76- 01.77	112848#	14	110/114				
Volare 5.2	01.76- 01.80	110236	14	60	01.76- 01.80	110223	12	1.1
	01.76- 01.80	112848#	14	110/114				
Volare 5.2 Custom	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
	01.76- 01.77	112848#	14	110/114				
Volare 5.2 Premier	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
	01.76- 01.77	112848#	14	110/114				
Volare 5.9	01.76- 01.80	110236	14	60	01.76- 01.80	110222	12	1.3
	01.76- 01.80	112848#	14	110/114				
Volare 5.9 Custom	01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
	01.76- 01.77	112848#	14	110/114				
Volare 5.9 Premier	01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
	01.76- 01.77	112848#	14	110/114				
Voyager 2.4					01.98- 01.00	113241#	12	1.2
Voyager 3.0					01.98- 01.00	113117#	12	1.2
Voyager 3.0 LX	01.94- 01.94	113056	14	90	01.94- 01.94	111456	12	1.4
	01.94- 01.94	113060#	14	120				
Voyager 3.3					01.98- 01.99	111492	12	1.4
Voyager 3.3 LX	01.94- 01.94	113056	14	90	01.94- 01.94	111492	12	1.4
	01.94- 01.94	113060#	14	120				
Voyager 3.3 SE	01.94- 01.94	113056	14	90	01.94- 01.94	111492	12	1.4
	01.94- 01.94	113060#	14	120				
Voyager 3.3 [EGM]					01.98- 01.99	111492	12	1.4
Voyager 3.7 PB100	01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
	01.74- 01.80	112848#	14	110/114				
Voyager 3.7 PB150	01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
	01.81- 01.83	112848#	14	110/114				
Voyager 3.7 PB200	01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
	01.74- 01.80	112848#	14	110/114				
Voyager 3.7 PB200 EX	01.76- 01.77	110236	14	60	01.76- 01.77	110223	12	1.1
	01.76- 01.77	112848#	14	110/114				
Voyager 3.7 PB250	01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
	01.81- 01.83	112848#	14	110/114				



Application list

**PLYMOUTH** *Continued*

Voyager 3.8	[EGH]					01.98- 01.98	111492	12	1.4
						01.98- 01.98	114135	12	1.2
						01.99- 01.99	111492	12	1.4
						01.99- 01.99	114135	12	1.2
Voyager 5.2 PB100		01.74- 01.80	110236	14	60				
		01.74- 01.80	112848#	14	110/114	01.74- 01.80	110223	12	1.1
Voyager 5.2 PB150		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
		01.81- 01.83	112848#	14	110/114				
Voyager 5.2 PB200		01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
		01.74- 01.80	112848#	14	110/114				
Voyager 5.2 PB200 EX		01.74- 01.77	110236	14	60	01.74- 01.77	110223	12	1.1
		01.74- 01.77	112848#	14	110/114				
Voyager 5.2 PB200 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
		01.78- 01.80	112848#	14	110/114				
Voyager 5.2 PB250		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
		01.81- 01.83	112848#	14	110/114				
Voyager 5.2 PB300		01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
		01.74- 01.80	112848#	14	110/114				
Voyager 5.2 PB300 EX		01.74- 01.77	110236	14	60	01.74- 01.77	110223	12	1.1
		01.74- 01.77	112848#	14	110/114				
Voyager 5.2 PB300 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
		01.78- 01.80	112848#	14	110/114				
Voyager 5.2 PB350		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
		01.81- 01.83	112848#	14	110/114				
Voyager 5.9 PB100		01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
		01.74- 01.78	112848#	14	110/114				
Voyager 5.9 PB200		01.74- 01.80	110236	14	60	01.74- 01.80	110222	12	1.3
		01.74- 01.80	112848#	14	110/114				
Voyager 5.9 PB200 EX		01.74- 01.77	112848#	14	110/114	01.74- 01.77	110222	12	1.3
		01.74- 01.77	110236	14	60				
Voyager 5.9 PB200 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110222	12	1.3
		01.78- 01.80	112848#	14	110/114				
Voyager 5.9 PB250		01.81- 01.81	110236	14	60	01.81- 01.81	110222	12	1.3
		01.81- 01.81	112848#	14	110/114				
Voyager 5.9 PB300		01.74- 01.79	110236	14	60	01.74- 01.79	110222	12	1.3
		01.74- 01.79	112848#	14	110/114				
Voyager 5.9 PB300 EX		01.74- 01.77	110236	14	60	01.74- 01.77	110222	12	1.3
		01.74- 01.77	112848#	14	110/114				
Voyager 5.9 PB300 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110222	12	1.3
		01.78- 01.80	112848#	14	110/114				
Voyager 5.9 PB350		01.81- 01.83	112848#	14	110/114	01.81- 01.83	110222	12	1.3
		01.81- 01.83	110236	14	60				
Voyager 6.6 PB200		01.76- 01.78	112848#	14	110/114	01.76- 01.78	110222	12	1.3
		01.76- 01.78	110236	14	60				
Voyager 6.6 PB200 EX		01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
		01.76- 01.77	112848#	14	110/114				
Voyager 6.6 PB200 MX		01.78- 01.78	112848#	14	110/114	01.78- 01.78	110222	12	1.3
		01.78- 01.78	110236	14	60				
Voyager 6.6 PB300		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
		01.77- 01.78	112848#	14	110/114				
Voyager 6.6 PB300 EX		01.76- 01.77	112848#	14	110/114	01.76- 01.77	110222	12	1.3
		01.76- 01.77	110236	14	60				
Voyager 6.6 PB300 MX		01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
		01.78- 01.78	112848#	14	110/114				
Voyager 7.2 PB200		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
		01.76- 01.78	112848#	14	110/114				
Voyager 7.2 PB200 MX		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
		01.77- 01.78	112848#	14	110/114				
Voyager 7.2 PB300		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
		01.76- 01.78	112848#	14	110/114				
Voyager 7.2 PB300 EX		01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
		01.76- 01.77	112848#	14	110/114				
Voyager 7.2 PB300 MX		01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
		01.78- 01.78	112848#	14	110/114				
Voyager 2.2		01.84- 01.87	110514	14	78	01.84- 01.87	113095#	12	0.9
		01.84- 01.87	110513						
Voyager 2.2 LE		01.84- 01.87	110514	14	78	01.84- 01.87	113095#	12	0.9
		01.84- 01.87	110513						
Voyager 2.2 SE		01.84- 01.87	110514	14	78	01.84- 01.87	113095#	12	0.9
		01.84- 01.87	110513						
Voyager 2.4						01.96- 01.97	113241#	12	1.2
Voyager 2.4 SE						01.96- 01.97	113241#	12	1.2
Voyager 2.5						01.88- 01.95	111425	12	1.4
		01.92- 01.95	111193	14	90				
		01.92- 01.95	113058	14	120				
		01.88- 01.91	113052#	14	90				
		01.88- 01.91	111813#	14	90				
Voyager 2.5 LE						01.87- 01.91	111425	12	1.4
		01.90- 01.91	111193	14	90				
		01.90- 01.91	113058	14	120				
		01.87- 01.89	111813#	14	90				
Voyager 2.5 SE						01.87- 01.93	111425	12	1.4
		01.90- 01.93	111194	14	120				
		01.90- 01.93	111193	14	90				
		01.90- 01.93	113058	14	120				
		01.87- 01.89	111813#	14	90				
Voyager 2.5 Turbo		01.89- 01.90	111192#	14	120	01.89- 01.90	111425	12	1.4
		01.89- 01.90	113052#	14	90				
		01.89- 01.90	113051	14	120				
		01.89- 01.90	111813#	14	90				
Voyager 2.5 Turbo LE		01.89- 01.90	111192#	14	120	01.89- 01.90	111425	12	1.4
		01.89- 01.90	111813#	14	90				
		01.89- 01.90	113051	14	120				
		01.89- 01.90	113052#	14	90				
Voyager 2.5 Turbo SE		01.89- 01.90	111192#	14	120	01.89- 01.90	111425	12	1.4
		01.89- 01.90	113052#	14	90				
		01.89- 01.90	113051	14	120				
		01.89- 01.90	111813#	14	90				
Voyager 2.6		01.84- 01.87	113028#	14	75	01.84- 01.87	111022#	12	1.4
						01.84- 01.87	110290#	12	1.0
Voyager 2.6 LE		01.84- 01.87	113028#	14	75	01.84- 01.87	111022#	12	1.4
						01.84- 01.87	110290#	12	1.0
Voyager 2.6 SE		01.84- 01.87	113028#	14	75	01.84- 01.87	111022#	12	1.4
						01.84- 01.87	110290#	12	1.0



Voyger 3.0		01.91- 01.95	113056	14	90			01.96- 01.97	113117#	12	1.2
		01.91- 01.95	113060#	14	120			01.90- 01.95	111456	12	1.4
		01.90- 01.90	113055	14	90						
		01.90- 01.90	113059#	14	120						
Voyger 3.0 LE		01.91- 01.95	113056	14	90			01.87- 01.95	111456	12	1.4
		01.91- 01.95	113060#	14	120						
		01.90- 01.90	113055	14	90						
Voyger 3.0 SE		01.90- 01.90	113059#	14	120						
		01.91- 01.95	113060#	14	120			01.96- 01.97	113117#	12	1.2
		01.91- 01.95	113056	14	90			01.87- 01.95	111456	12	1.4
		01.90- 01.90	113055	14	90						
Voyger 3.3		01.95- 01.97	113056	14	90			01.95- 01.97	111492	12	1.4
		01.95- 01.97	113060#	14	120						
Voyger 3.3 LE		01.91- 01.95	113056	14	90			01.91- 01.95	111492	12	1.4
		01.91- 01.95	113060#	14	120						
Voyger 3.3 SE		01.91- 01.97	113056	14	90			01.91- 01.97	111492	12	1.4
		01.91- 01.97	113060#	14	120						
Voyger 3.3		01.94- 01.95	113060#	14	120			01.94- 01.95	111492	12	1.4
		01.94- 01.95	113056	14	90						
<b>PASSENGER CARS AO</b>											
Sundance 2.2		10.89- 09.94	111192#	14	120						
Sundance 2.2 Turbo		10.89- 09.91	111192#	14	120						
<b>Poclair</b>											
<b>MISC.</b>											
Various Models 8.5	[F6L413]							01.73-	114437	24	5.4
<b>Polaris</b>											
<b>MARINE</b>											
Various Models								01.89- 01.06	113527	12	0.6
								01.96- 01.07	113528	12	
								01.92-	112010	12	
								01.92- 01.04	111916	12	
<b>Pontiac</b>											
<b>PASSENGER CARS EU</b>											
Bonneville 3.8 V6	[LG3]		111220	14	105			01.04- 01.05	112901#	12	1.5
Firebird 5.0 Formula	[LG4]	12.81- 01.92	112627	14	100/105			01.04- 01.05	112901#	12	1.5
Grand Lemans								01.98- 12.99	112900	12	1.4
Trans Sport 3.1		07.89- 03.97	111388	14	100/105			01.89- 12.01	112911	12	1.6
Trans Sport 3.4	[LA1]										
Trans Sport 3.8	[L27]	07.89- 03.97	112884	14	140						
<b>PASSENGER CARS US</b>											
6000 2.5		01.87- 01.88	110499	14	100/105			01.87- 01.88	110221	12	1.2
		01.87- 01.88	112621#	14	100/105			01.84- 12.84	112911	12	1.6
		01.87- 01.88	112448	14	100						
		01.87- 01.88	112624								
		01.83- 01.86	110508	14	78						
		01.83- 01.86	110471	14	94						
		01.82- 01.86	110505	14	75						
6000 2.5 LE		01.82- 01.82	110235	14	80						
		01.87- 01.91	112448	14	100			01.87- 01.91	110221	12	1.2
		01.87- 01.91	112621#	14	100/105						
		01.87- 01.91	112624								
		01.87- 01.91	110499	14	100/105						
		01.83- 01.86	110508	14	78						
		01.82- 01.86	110505	14	75						
6000 2.8		01.83- 01.86	110471	14	94			01.83- 01.88	112911	12	1.6
		01.83- 01.88	110508	14	78						
		01.85- 01.88	110492	14	108						
		01.82- 01.84	110505	14	75						
		01.82- 01.82	110235	14	80						
		01.83- 01.89	110471	14	94						
6000 2.8 LE		01.83- 01.89	110508	14	78			01.83- 01.89	112911	12	1.6
		01.85- 01.89	110492	14	108						
		01.82- 01.84	110505	14	75						
		01.82- 01.82	110235	14	80						
6000 2.8 SE								01.86- 01.89	112911	12	1.6
		01.86- 01.89	110508	14	78						
		01.86- 01.89	110471	14	94						
6000 2.8 STE		01.86- 01.89	110492	14	108						
		01.83- 01.88	111388	14	100/105			01.83- 01.88	112911	12	1.6
		01.85- 01.88	110508	14	78						
		01.85- 01.88	110471	14	94						
6000 3.1 LE		01.83- 01.88	110492	14	108						
		01.90- 01.91	111388	14	100/105			01.90- 01.91	112911	12	1.6
		01.90- 01.91	111388	14	100/105			01.90- 01.91	112911	12	1.6
		01.76- 08.85	110997	12	0.8						
6000 4.3		01.88- 01.89	111388	14	100/105			01.88- 01.89	112911	12	1.6
		01.84- 01.85	110508	14	78						
		01.82- 01.85	110233	14	63						
		01.84- 01.85	110471	14	94						
		01.82- 01.85	110505	14	75						
		01.82- 01.83	110235	14	80						
		01.82- 01.85	110233	14	63						
6000 4.3 LE		01.84- 01.85	110508	14	78						
		01.84- 01.85	110471	14	94						
		01.82- 01.85	110505	14	75						
		01.82- 01.83	110235	14	80						
Acadian 1.6		01.76-	110492	14	108						
		01.80-	110492	14	108						
		01.75- 01.77	110233	14	63						
Astre 2.3		01.75- 01.77	110505	14	75						
		01.75- 01.77	110492	14	108						
		01.75- 01.75	110233	14	63						
Astre 2.3 S		01.75- 01.75	110505	14	75						
		01.75- 01.75	110492	14	108						
		01.75- 01.75	110233	14	63						
Astre 2.3 S Safari		01.75- 01.75	110492	14	108						
		01.75- 01.75	110233	14	63						
		01.75- 01.75	110505	14	75						
Astre 2.3 Safari		01.75- 01.77	110233	14	63						
		01.75- 01.77	110505	14	75						
		01.75- 01.77	110492	14	108						
Astre 2.3 SJ		01.75- 01.75	110505	14	75						
		01.75- 01.75	110492	14	108						
		01.75- 01.75	110233	14	63						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**PONTIAC** *Continued*

Astre 2.3 SJ Safari	01.75- 01.75	110233	14	63				
	01.75- 01.75	110505	14	75				
	01.75- 01.75	110492	14	108				
Astre 2.5	01.77- 01.77	110505	14	75	01.77- 01.77	110217		
Astre 2.5 Safari	01.77- 01.77	110505	14	75	01.77- 01.77	110217		
Bonneville 3.8					01.99- 01.03	112903#	12	1.4
	01.87- 01.87	112878#	14	120	01.87- 01.87	110221	12	1.2
	01.83- 01.86	110508	14	78	01.80- 01.86	110217		
	01.80- 01.86	110235	14	80				
	01.83- 01.86	110471	14	94				
	01.80- 01.86	110505	14	75				
Bonneville 3.8 Brougham	01.83- 01.83	110471	14	94	01.81- 01.86	110217		
	01.81- 01.86	110505	14	75				
	01.81- 01.86	110235	14	80				
	01.83- 01.83	110508	14	78				
Bonneville 3.8 LE					01.87- 01.91	110221	12	1.2
	01.88- 01.91	112638#	14	100/105	01.84- 01.86	110217		
	01.88- 01.91	111220	14	105				
	01.87- 01.88	112878#	14	120				
	01.84- 01.86	110471	14	94				
	01.84- 01.86	110235	14	80				
	01.84- 01.86	110505	14	75				
Bonneville 3.8 SE					01.04- 01.05	112901#	12	1.5
	01.95- 01.95	112892#	14	124	01.96- 01.98	112898	12	1.6
					01.88- 01.95	110221	12	1.2
	01.88- 01.94	112638#	14	100/105				
	01.88- 01.94	112639	14	100/105				
	01.88- 01.94	111220	14	105				
	01.88- 01.94	112885#	14	140				
Bonneville 3.8 SLE					01.04- 01.05	112901#	12	1.5
Bonneville 3.8 SSE					01.88- 01.91	110221	12	1.2
	01.88- 01.91	112638#	14	100/105				
	01.88- 01.91	112885#	14	140				
	01.88- 01.91	111220	14	105				
Bonneville 3.8 Super					01.99- 01.03	112898	12	1.6
Bonneville 3.8 Super SSE					01.92- 01.98	112898	12	1.6
					01.94- 01.94	110221	12	1.2
	01.92- 01.94	112638#	14	100/105				
	01.92- 01.94	111220	14	105				
	01.94- 01.94	113160#	14	105				
Bonneville 3.8 Super SSEI					01.92- 01.93	112898	12	1.6
	01.92- 01.93	112638#	14	100/105				
	01.92- 01.93	111220	14	105				
Bonneville 4.1	01.82- 01.82	110505	14	75	01.82- 01.82	110217		
	01.82- 01.82	110235	14	80				
Bonneville 4.1 Brougham	01.82- 01.82	110505	14	75	01.82- 01.82	110217		
	01.82- 01.82	110235	14	80				
Bonneville 4.3	01.86- 01.86	110471	14	94	01.86- 01.86	110217		
	01.86- 01.86	110492	14	108				
	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Bonneville 4.3 Brougham	01.86- 01.86	110471	14	94	01.86- 01.86	110217		
	01.86- 01.86	110492	14	108				
	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Bonneville 4.3 LE	01.86- 01.86	110471	14	94	01.86- 01.86	110217		
	01.86- 01.86	110492	14	108				
Bonneville 4.9	01.77- 01.80	110505	14	75	01.77- 01.79	110217		
Bonneville 4.9 Brougham	01.77- 01.80	110505	14	75	01.77- 01.79	110217		
Bonneville 4.9 Safari	01.79- 01.80	110505	14	75				
Bonneville 5.0	01.81- 01.86	110505	14	75	01.85- 01.86	110217		
	01.83- 01.86	110471	14	94	01.83- 01.84	110414	12	
	01.81- 01.81	110235	14	80				
Bonneville 5.0 Brougham	01.81- 01.86	110505	14	75	01.85- 01.86	110217		
	01.83- 01.86	110471	14	94	01.83- 01.84	110414	12	
	01.81- 01.81	110235	14	80				
Bonneville 5.0 LE	01.84- 01.86	110505	14	75	01.84- 01.86	110217		
	01.84- 01.86	110471	14	94				
Bonneville 5.0 Safari	01.81- 01.81	110505	14	75				
	01.81- 01.81	110235	14	80				
Bonneville 5.7	01.80- 01.80	110235	14	80	01.57- 01.57	110798	12	1.5
	01.77- 01.80	110505	14	75	01.77- 01.80	110218	12	
	01.78- 01.79	110233	14	63	01.70- 01.79	110217		
	01.77- 01.79	110234	14	80				
	01.70- 01.70	110215#	14	90				
	01.70- 01.70	110075	14	60				
Bonneville 5.7 Brougham	01.77- 01.80	110505	14	75	01.77- 01.80	110218	12	
	01.80- 01.80	110235	14	80	01.77- 01.80	110217		
	01.78- 01.80	110233	14	63				
	01.77- 01.80	110234	14	80				
Bonneville 5.7 Safari	01.79- 01.80	110234	14	80	01.79- 01.80	110217		
	01.79- 01.80	110233	14	63	01.79- 01.80	110218	12	
	01.79- 01.80	110505	14	75				
Bonneville 5.7	01.84- 01.84	110471	14	94	01.80- 01.81	110220	12	
	01.84- 01.84	110508	14	78				
	01.80- 01.83	110505	14	75				
	01.80- 01.83	110235	14	80				
Bonneville 5.7 Brougham	01.84- 01.84	110471	14	94	01.80- 01.81	110220	12	
	01.84- 01.84	110508	14	78				
	01.80- 01.83	110235	14	80				
	01.80- 01.83	110505	14	75				
Bonneville 5.7 LE	01.84- 01.84	110471	14	94				
	01.84- 01.84	110508	14	78				
Bonneville 5.7 Safari	01.80- 01.81	110505	14	75	01.80- 01.81	110220	12	
	01.80- 01.81	110235	14	80				
Bonneville 6.1					01.58- 01.58	110798	12	1.5
Bonneville 6.4	01.63- 01.66	110215#	14	90	01.59- 01.59	110798	12	1.5
	01.63- 01.66	110075	14	60	01.60- 01.62	110216	12	1.4
					01.63- 01.66	110217		
Bonneville 6.6	01.73- 01.79	110505	14	75	01.68- 01.79	110218	12	
	01.73- 01.79	110234	14	80				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Bonneville 6.6 Brougham	01.76- 01.79	110505	14	75	01.76- 01.79	110218	12	
	01.76- 01.79	110234	14	80				
Bonneville 6.6 Safari	01.79- 01.79	110505	14	75	01.79- 01.79	110218	12	
	01.79- 01.79	110234	14	80				
Bonneville 6.9	01.63- 01.65	110075	14	60	01.63- 01.65	110218	12	
	01.63- 01.65	110215#	14	90				
Bonneville 7.0	01.67- 01.69	110215#	14	90	01.67- 01.69	110218	12	
	01.67- 01.69	110075	14	60				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



Bonneville 7.5	01.72- 01.76	110505	14	75	01.70- 01.76	110218	12
	01.73- 01.76	110234	14	80			
	01.70- 01.71	110215#	14	90			
	01.70- 01.71	110075	14	60			
Bonneville 7.5 Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110218	12
	01.76- 01.76	110234	14	80			
Catalina 3.8	01.77- 01.81	110505	14	75	01.77- 01.81	110217	
	01.80-	110235	14	80			
Catalina 4.1	01.77-	110505	14	75			
Catalina 4.3	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Catalina 4.4	01.80-	110505	14	75			
	01.80-	110235	14	80			
Catalina 4.4 Safari	01.80-	110505	14	75			
	01.80-	110235	14	80			
Catalina 4.9	01.77- 01.80	110505	14	75	01.77- 01.79	110217	
Catalina 4.9 Safari	01.77- 01.80	110505	14	75	01.77- 01.79	110217	
Catalina 5.0	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Catalina 5.0 Safari	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Catalina 5.7	01.72- 01.80	110505	14	75	01.57- 01.57	110798	12 1.5
	01.80- 01.80	110235	14	80	01.77- 01.80	110218	12
	01.77- 01.79	110234	14	80	01.70- 01.79	110217	
	01.78- 01.79	110233	14	63			
	01.70- 01.71	110215#	14	90			
	01.70- 01.71	110075	14	60			
Catalina 5.7 Safari	01.80- 01.80	110235	14	80	01.80- 01.80	110218	12
	01.72- 01.80	110505	14	75	01.72- 01.80	110217	
	01.78- 01.80	110233	14	63			
	01.77- 01.80	110234	14	80			
Catalina 5.7 Ventura	01.70- 01.70	110215#	14	90	01.70- 01.70	110217	
	01.70- 01.70	110075	14	60			
Catalina 5.7	01.80- 01.81	110235	14	80	01.80- 01.81	110220	12
	01.80- 01.81	110505	14	75			
Catalina 5.7 Safari	01.80- 01.81	110235	14	80	01.80- 01.81	110220	12
	01.80- 01.81	110505	14	75			
Catalina 6.1					01.58- 01.58	110798	12 1.5
Catalina 6.4	01.63- 01.66	110215#	14	90	01.59- 01.62	110216	12 1.4
	01.63- 01.66	110075	14	60	01.63- 01.66	110217	
Catalina 6.6	01.73- 01.78	110234	14	80	01.68- 01.78	110218	12
	01.72- 01.78	110505	14	75			
	01.68- 01.71	110215#	14	90			
	01.68- 01.71	110075	14	60			
Catalina 6.6 Brougham	01.71- 01.72	110505	14	75	01.71- 01.72	110218	12
Catalina 6.6 Safari	01.73- 01.79	110234	14	80	01.71- 01.79	110218	12
	01.71- 01.79	110505	14	75			
Catalina 6.6 Ventura	01.68- 01.70	110215#	14	90	01.68- 01.70	110218	12
	01.68- 01.70	110075	14	60			
Catalina 6.9	01.63- 01.66	110215#	14	90	01.63- 01.66	110218	12
	01.63- 01.66	110075	14	60			
Catalina 7.0	01.67- 01.69	110215#	14	90	01.67- 01.69	110218	12
	01.67- 01.69	110075	14	60			
Catalina 7.0 Ventura	01.68- 01.69	110215#	14	90	01.68- 01.69	110218	12
	01.68- 01.69	110075	14	60			
Catalina 7.5	01.72- 01.76	110505	14	75	01.70- 01.76	110218	12
	01.70- 01.70	110215#	14	90			
	01.70- 01.70	110075	14	60			
Catalina 7.5 Brougham	01.72- 01.72	110505	14	75	01.72- 01.72	110218	12
Catalina 7.5 Safari	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Catalina 7.5 Ventura	01.70- 01.70	110215#	14	90	01.70- 01.70	110218	12
	01.70- 01.70	110075	14	60			
Chieftan 5.7					01.57- 01.57	110798	12 1.5
Chieftan 6.1					01.58- 01.58	110798	12 1.5
Executive 5.7	01.70- 01.70	110215#	14	90	01.70- 01.70	110217	
	01.70- 01.70	110075	14	60			
Executive 5.7 Safari	01.70- 01.70	110215#	14	90	01.70- 01.70	110217	
	01.70- 01.70	110075	14	60			
Executive 6.6	01.67- 01.70	110215#	14	90	01.67- 01.70	110218	12
	01.67- 01.70	110075	14	60			
Executive 6.6 Safari	01.68- 01.70	110215#	14	90	01.68- 01.70	110218	12
	01.68- 01.70	110075	14	60			
Executive 7.0	01.67- 01.69	110215#	14	90	01.67- 01.69	110218	12
	01.67- 01.69	110075	14	60			
Executive 7.0 Safari	01.68- 01.69	110215#	14	90	01.68- 01.69	110218	12
	01.68- 01.69	110075	14	60			
Executive 7.5	01.70- 01.70	110215#	14	90	01.70- 01.70	110218	12
	01.70- 01.70	110075	14	60			
Executive 7.5 Safari	01.70- 01.70	110215#	14	90	01.70- 01.70	110218	12
	01.70- 01.70	110075	14	60			
Fiero 2.5	01.84- 01.88	110505	14	75	01.84- 01.88	112911	12 1.6
	01.84- 01.88	110471	14	94			
Fiero 2.5 SE	01.84- 01.87	110471	14	94	01.84- 01.87	112911	12 1.6
	01.84- 01.87	110505	14	75			
Fiero 2.5 Sport	01.84- 01.87	110505	14	75	01.84- 01.87	112911	12 1.6
	01.84- 01.87	110471	14	94			
Fiero 2.8					01.88- 01.88	112911	12 1.6
	01.88- 01.88	110502	14	100/105			
Fiero 2.8 GT	01.85- 01.88	110233	14	63	01.85- 01.88	112911	12 1.6
	01.85- 01.88	110471	14	94			
	01.85- 01.88	110505	14	75			
Fiero 2.8 SE	01.85- 01.87	110471	14	94	01.85- 01.87	112911	12 1.6
	01.85- 01.87	110233	14	63			
	01.85- 01.87	110505	14	75			
Fiero 2.8 Sport	01.85- 01.85	110233	14	63	01.85- 01.85	112911	12 1.6
	01.85- 01.85	110471	14	94			
	01.85- 01.85	110505	14	75			
Firebird 2.5	01.86- 01.86	112126#	14	105	01.86- 01.86	110221	12 1.2
	01.83-	110471	14	94			
	01.82- 01.85	110505	14	75			
	01.82- 01.85	110235	14	80			
Firebird 2.5 S/E	01.82- 01.84	110235	14	80			
	01.82- 01.84	110505	14	75			
Firebird 2.8	01.87- 01.89	110499	14	100/105	01.85- 01.89	111034	12 1.2
	01.85- 01.89	110508	14	78			
	01.85- 01.89	110492	14	108			
	01.85- 01.89	110471	14	94			
	01.82- 01.84	110505	14	75			
	01.82- 01.84	110235	14	80			
Firebird 2.8 S/E	01.85- 01.86	110471	14	94	01.85- 01.86	111034	12 1.2
	01.85- 01.86	110492	14	108			
	01.83- 01.86	110508	14	78			
	01.82- 01.84	110505	14	75			
	01.82- 01.82	110235	14	80			
Firebird 3.1	01.90- 01.92	112620			01.90- 01.92	111034	12 1.2
	01.90- 01.92	110499	14	100/105			
Firebird 3.4	01.93- 01.95	111854	14	105	01.93- 01.95	111034	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**PONTIAC** *Continued*

Firebird 3.8	01.77- 01.81	110505	14	75	01.98- 01.02	112903#	12	1.4
	01.99- 01.99	112867#	14	105	01.67- 01.81	110217		
					01.95- 01.97	112898	12	1.6
	01.67- 01.67	110215#	14	90				
	01.67- 01.67	110075	14	60				
	01.95- 01.97	112615	14	105				
Firebird 3.8 Esprit	01.77- 01.81	110505	14	75	01.77- 01.81	110217		
Firebird 3.8 Formula	01.81- 01.81	110505	14	75	01.81- 01.81	110217		
	01.81- 01.81	110235	14	80				
Firebird 3.8 Turbo Trans Am	01.89- 01.89	112877#	14	120	01.89- 01.89	110217		
Firebird 3.8 Turbo Trans Am GTA SE	01.89- 01.89	112877#	14	120	01.89- 01.89	110217		
Firebird 4.1	01.70- 01.76	110505	14	75	01.68- 01.76	110217		
	01.72- 01.76	110234	14	80				
	01.68- 01.69	110215#	14	90				
	01.68- 01.69	110075	14	60				
Firebird 4.1 Esprit	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
					01.75- 01.76	110217		
Firebird 4.3	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
	01.80- 01.80	110492	14	108				
Firebird 4.3 Esprit	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
	01.80- 01.80	110492	14	108				
Firebird 4.3 Formula	01.81- 01.81	110235	14	80				
	01.81- 01.81	110233	14	63				
	01.81- 01.81	110505	14	75				
Firebird 4.4	01.81- 01.81	110505	14	75	01.80- 01.81	110414	12	
	01.81- 01.81	110235	14	80				
Firebird 4.4 Esprit	01.81- 01.81	110505	14	75				
	01.81- 01.81	110235	14	80				
Firebird 4.4 Formula	01.81- 01.81	110235	14	80				
	01.81- 01.81	110505	14	75				
Firebird 4.4 Trans Am	01.81- 01.81	110505	14	75				
	01.81- 01.81	110235	14	80				
Firebird 4.9	01.77- 01.81	110505	14	75	01.77- 01.79	110217		
Firebird 4.9 Esprit	01.77- 01.81	110505	14	75	01.77- 01.79	110217		
Firebird 4.9 Formula	01.77- 01.81	110505	14	75	01.77- 01.79	110217		
Firebird 4.9 Trans Am	01.79- 01.81	110505	14	75				
Firebird 4.9 Turbo Formula	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Firebird 4.9 Turbo Trans Am	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Firebird 5.0	01.80- 01.81	110505	14	75				
	01.90- 01.92	112627	14	100/105	01.91- 01.92	112913#	12	1.4
	01.90- 01.92	112629	14	100/105	01.85- 01.90	110217		
	01.80- 01.80	110233	14	63	01.85- 01.90	112910	12	
	01.77- 01.87	110505	14	75	01.80- 01.84	110414	12	
	01.91- 01.92	112640	14	100/105	01.77- 01.79	110798	12	1.5
	01.88- 01.90	110985	14	100/105	01.77- 01.79	110216	12	1.4
	01.87- 01.88	110498	14	100/105				
	01.85- 01.87	110508	14	78				
	01.85- 01.87	110471	14	94				
	01.82- 01.84	110235	14	80				
Firebird 5.0 Esprit	01.90- 01.92	112627	14	100/105	01.80- 01.80	110414	12	
	01.90- 01.92	112629	14	100/105	01.77- 01.79	110216	12	1.4
	01.80- 01.80	110233	14	63	01.77- 01.79	110798	12	1.5
	01.77- 01.80	110505	14	75				
Firebird 5.0 Formula	01.90- 01.92	112627	14	100/105	01.91- 01.92	112913#	12	1.4
	01.90- 01.92	112629	14	100/105	01.89- 01.90	110217		
	01.77- 01.81	110505	14	75	01.89- 01.90	112910	12	
	01.80- 01.80	110233	14	63	01.81- 01.81	111258	12	
	01.91- 01.92	112640	14	100/105	01.77- 01.81	110216	12	1.4
	01.89- 01.90	110985	14	100/105	01.80- 01.80	110414	12	
	01.81- 01.81	110235	14	80	01.77- 01.79	110798	12	1.5
Firebird 5.0 S/E	01.90- 01.92	112627	14	100/105	01.85- 01.86	112910	12	
	01.90- 01.92	112629	14	100/105	01.85- 01.86	110217		
	01.85- 01.86	110471	14	94	01.82- 01.84	110414	12	
	01.85- 01.86	110508	14	78				
	01.82- 01.86	110505	14	75				
	01.82- 01.84	110235	14	80				
Firebird 5.0 Trans Am	01.90- 01.92	112627	14	100/105	01.91- 01.92	112913#	12	1.4
	01.90- 01.92	112629	14	100/105	01.85- 01.90	110217		
	01.80- 01.80	110233	14	63	01.84- 01.90	112910	12	
	01.80- 01.87	110505	14	75	01.80- 01.84	110414	12	
	01.91- 01.92	112640	14	100/105	01.81- 01.82	110216	12	1.4
	01.88- 01.89	110985	14	100/105	01.81- 01.82	111258	12	
	01.85- 01.87	110508	14	78				
	01.83- 01.87	110471	14	94				
	01.85- 01.90	110492	14	108				
	01.81- 01.83	110235	14	80				
Firebird 5.0 Trans Am GTA	01.90- 01.92	112627	14	100/105	01.91- 01.92	112913#	12	1.4
	01.90- 01.92	112629	14	100/105	01.89- 01.90	110217		
	01.91- 01.92	112640	14	100/105	01.89- 01.90	112910	12	
	01.89- 01.90	110985	14	100/105				
Firebird 5.3	01.67- 01.67	110215#	14	90	01.67- 01.67	110218	12	
	01.67- 01.67	110075	14	60				
Firebird 5.7	01.90- 01.92	112627	14	100/105	01.93- 12.94	112897	12	1.7
	01.90- 01.92	112629	14	100/105	01.68- 01.88	110217		
	01.72- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
	01.72- 01.77	110234	14	80	01.78- 01.79	111258	12	
	01.87- 01.88	110498	14	100/105	01.68- 01.77	110218	12	
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Firebird 5.7 Esprit	01.90- 01.92	112627	14	100/105	01.78- 01.79	110216	12	1.4
	01.90- 01.92	112629	14	100/105	01.78- 01.79	111258	12	
	01.70- 01.79	110505	14	75	01.70- 01.77	110217		
	01.70- 01.77	110234	14	80	01.70- 01.77	110218	12	
Firebird 5.7 Firehawk	01.90- 01.92	112627	14	100/105	01.98- 12.00	112906	12	1.7
	01.90- 01.92	112629	14	100/105	01.98- 01.98	112898	12	1.6
Firebird 5.7 Formula	01.90- 01.92	112627	14	100/105	01.98- 01.02	112898	12	1.6
	01.90- 01.92	112629	14	100/105	01.95- 01.97	112897	12	1.7
	01.72- 01.79	110505	14	75	01.93- 01.94	111040		
	01.72- 01.77	110234	14	80	01.72- 01.92	110217		
					01.78- 01.79	110216	12	1.4
	01.89- 01.92	110985	14	100/105	01.78- 01.79	111258	12	
					01.72- 01.77	110218	12	
	01.95- 01.97	112888	14	140				



Firebird 5.7 Trans Am	01.90- 01.92	112627	14	100/105	01.98- 01.02	112898	12	1.6
	01.90- 01.92	112629	14	100/105	01.96- 01.97	112897	12	1.7
	01.70- 01.75	110505	14	75	01.93- 01.95	111040		
	01.70- 01.75	110234	14	80	01.70- 01.92	110217		
					01.70- 01.75	110218	12	
	01.93- 01.97	112888	14	140				
	01.87- 01.92	110498	14	100/105				
Firebird 5.7 Trans Am GT	01.90- 01.92	112627	14	100/105	01.94- 01.94	111040		
	01.90- 01.92	112629	14	100/105				
	01.94- 01.94	112888	14	140				
Firebird 5.7 Trans Am GTA	01.90- 01.92	112627	14	100/105	01.89- 01.92	110217		
	01.90- 01.92	112629	14	100/105				
	01.89- 01.92	110985	14	100/105				
Firebird 6.6	01.74- 01.75	110234	14	80	01.67- 01.77	110218	12	
	01.74- 01.77	110505	14	75				
	01.67- 01.70	110215#	14	90				
	01.67- 01.70	110075	14	60				
Firebird 6.6 Esprit	01.70- 01.76	110505	14	75	01.70- 01.76	110218	12	
	01.72- 01.74	110234	14	80				
	01.70- 01.79	110505	14	75	01.70- 01.79	110218	12	
Firebird 6.6 Formula	01.72- 01.75	110234	14	80				
	01.72- 01.75	110234	14	80	01.70- 01.79	110218	12	
Firebird 6.6 Trans Am	01.70- 01.79	110505	14	75				
	01.70- 01.79	110505	14	75	01.70- 01.79	110218	12	
Firebird 7.5 Esprit	01.71- 01.71	110234	14	80	01.71- 01.71	110218	12	
	01.71- 01.71	110505	14	75				
	01.71- 01.74	110505	14	75	01.71- 01.74	110218	12	
Firebird 7.5 Formula	01.71- 01.74	110234	14	80				
	01.71- 01.76	110234	14	80	01.71- 01.76	110218	12	
Firebird 7.5 Trans Am	01.71- 01.76	110505	14	75				
	01.71- 01.76	110505	14	75				
Firefly 1.0	01.89- 01.89	111279	14	50	01.85- 01.86	111310	12	0.8
	01.89- 01.89	110967	14	55				
	01.85- 01.86	113087#	14	45				
	01.87- 01.87	110965	14	50				
Firefly 1.0 FE	01.86- 01.86	113087#	14	45	01.86- 01.86	111310	12	0.8
Firefly 1.0 LE	01.91- 01.91	111279	14	50				
	01.91- 01.91	110967	14	55				
Firefly 1.0 Turbo	01.89- 01.89	111279	14	50				
	01.89- 01.89	110967	14	55				
	01.87- 01.87	110965	14	50				
Firefly 1.3	01.95- 01.95	111279	14	50				
Grand Am 2.0 Turbo LE					01.87- 01.88	112909#	12	
Grand Am 2.0 Turbo SE					01.87- 01.89	112909#	12	
Grand Am 2.2	[L61]				01.02- 12.02	112899	12	1.4
Grand Am 2.3	01.88- 01.88	112620						
	01.88- 01.88	112448	14	100				
	01.88- 01.88	112621#	14	100/105				
	01.88- 01.88	112624						
	01.88- 01.88	110499	14	100/105				
Grand Am 2.3 GT	01.92- 01.95	112620						
Grand Am 2.3 LE	01.88- 01.91	112448	14	100				
	01.88- 01.91	112621#	14	100/105				
	01.88- 01.91	112624						
	01.88- 01.91	110499	14	100/105				
	01.88- 01.91	112620						
Grand Am 2.3 SE	01.88- 01.95	112620			01.88- 01.95	114136#	12	
	01.88- 01.95	112448	14	100				
	01.88- 01.95	112621#	14	100/105				
	01.88- 01.95	112624						
Grand Am 2.4	01.88- 01.95	110499	14	100/105				
	01.99- 01.01	112868	14	102	01.99- 01.01	112907	12	1.7
					01.99- 12.99	112900	12	1.4
Grand Am 2.4 GT	01.96- 01.98	114138	14	105				
Grand Am 2.4 SE	01.96- 01.98	114138	14	105				
Grand Am 2.5	01.85- 01.91	110471	14	94				
Grand Am 2.5 LE	01.85- 01.91	110508	14	78				
Grand Am 2.5 SE	01.85- 01.91	110471	14	94				
Grand Am 3.0	01.86- 01.87	110502	14	100/105	01.85- 01.87	110221	12	1.2
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Grand Am 3.0 LE	01.86- 01.87	110502	14	100/105	01.85- 01.87	110221	12	1.2
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Grand Am 3.0 SE	01.86- 01.87	110502	14	100/105	01.86- 01.87	110221	12	1.2
Grand Am 3.1 GT	01.94- 01.95	112642#	14	100/105	01.94- 01.98	112911	12	1.6
Grand Am 3.1 SE					01.94- 01.98	112911	12	1.6
Grand Am 3.3 GT	01.92- 01.93	111390#	14	100/105	01.92- 01.93	110221	12	1.2
Grand Am 3.3 SE	01.92- 01.93	111390#	14	100/105	01.92- 01.93	110221	12	1.2
Grand Am 3.4					01.99- 01.00	112900	12	1.4
Grand Am 3.8	01.79- 01.79	110505	14	75	01.79- 01.79	110217		
Grand Am 4.9	01.78- 01.80	110505	14	75	01.78- 01.80	110217		
Grand Am 5.0	01.79- 01.80	110234	14	80	01.78- 01.80	110414	12	
	01.78- 01.80	110505	14	75				
Grand Am 5.7	01.73- 01.75	110505	14	75	01.73- 01.75	110217		
	01.73- 01.75	110234	14	80				
	01.73- 01.75	110505	14	75	01.73- 01.75	110218	12	
Grand Am 6.6	01.73- 01.75	110234	14	80				
	01.73- 01.75	110234	14	80	01.73- 01.75	110218	12	
Grand Am 7.5	01.73- 01.75	110505	14	75	01.73- 01.75	110218	12	
Grand Lemans 3.3 LE	01.78- 01.78	110233	14	63				
Grand Lemans 3.8	01.77- 01.81	110505	14	75	01.77- 01.81	110217		
	01.80- 01.81	110235	14	80	01.80- 01.80	110414	12	
	01.83- 01.83	110508	14	78				
	01.80- 01.81	110233	14	63				
Grand Lemans 3.8 BR	01.82- 01.82	110505	14	75				
	01.82- 01.82	110235	14	80				
	01.83- 01.83	110508	14	78				
Grand Lemans 3.8 LE	01.81- 01.81	110233	14	63	01.81- 01.81	110217		
	01.81- 01.81	110235	14	80				
	01.81- 01.81	110505	14	75				
Grand Lemans 3.8 Safari	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.80- 01.80	110235	14	80	01.78- 01.81	110217		
	01.78- 01.81	110505	14	75				
Grand Lemans 4.1	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
	01.82- 01.82	110235	14	80	01.75- 01.76	110217		
Grand Lemans 4.1 LE	01.77- 01.77	110505	14	75				
Grand Lemans 4.3	01.80- 01.81	110235	14	80	01.76- 01.76	110217		
	01.76- 01.81	110505	14	75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

PONTIAC Continued

Grand Lemans 4.3 Safari	01.80- 01.81	110235	14	80					
	01.80- 01.81	110505	14	75					
Grand Lemans 4.4	01.80-	110235	14	80					
	01.80-	110505	14	75					
Grand Lemans 4.4 BR	01.82-	110505	14	75					
	01.82-	110235	14	80					
Grand Lemans 4.4 LE	01.79-	110505	14	75					
	01.80-	110235	14	80					
Grand Lemans 4.4 SA	01.81-	110235	14	80					
	01.81-	110505	14	75					
Grand Lemans 4.9	01.77- 01.80	110505	14	75		01.77- 01.79	110217		
Grand Lemans 4.9 Safari	01.77- 01.81	110505	14	75		01.77- 01.79	110217		
Grand Lemans 5.0	01.77- 01.80	110505	14	75		01.79- 01.80	110414	12	
	01.83-	110471	14	94		01.77- 01.78	110217		
	01.82-	110235	14	80					
	01.77- 01.80	110234	14	80					
Grand Lemans 5.0 BR	01.76-	110505	14	75					
	01.83-	110471	14	94					
Grand Lemans 5.0 LE	01.81- 01.81	110505	14	75		01.81- 01.81	110414	12	
	01.81- 01.81	110235	14	80					
Grand Lemans 5.0 SA	01.81- 01.81	110235	14	80		01.78- 01.81	110414	12	
	01.78- 01.81	110505	14	75					
	01.78- 01.78	110234	14	80					
Grand Lemans 5.0 Safari	01.78- 01.80	110234	14	80		01.78- 01.80	110414	12	
	01.78- 01.80	110505	14	75					
Grand Lemans 5.7	01.77- 01.77	110233	14	63		01.75- 01.77	110217		
	01.75- 01.77	110505	14	75					
	01.75- 01.77	110234	14	80					
Grand Lemans 5.7 LE	01.76- 01.76	110505	14	75					
	01.76- 01.76	110234	14	80					
Grand Lemans 5.7 SA	01.78- 01.78	110505	14	75		01.78- 01.78	110216	12	1.4
	01.78- 01.78	110234	14	80		01.78- 01.78	111258	12	
Grand Lemans 5.7 Safari	01.77- 01.79	110505	14	75		01.78- 01.79	111258	12	
	01.78- 01.79	110234	14	80		01.78- 01.79	110216	12	1.4
	01.77- 01.77	110233	14	63		01.77- 01.77	110217		
Grand Lemans 5.7	01.83-	110508	14	78					
	01.83-	110471	14	94					
	01.82-	110505	14	75					
	01.82-	110235	14	80					
Grand Lemans 6.6	01.75- 01.77	110234	14	80		01.75- 01.77	110218	12	
	01.77- 01.77	110233	14	63					
	01.75- 01.77	110505	14	75					
Grand Lemans 6.6 Safari	01.75- 01.77	110505	14	75		01.75- 01.77	110218	12	
	01.75- 01.77	110234	14	80					
	01.77- 01.77	110233	14	63					
Grand Lemans 7.5	01.75- 01.76	110505	14	75		01.75- 01.76	110218	12	
	01.75- 01.76	110234	14	80					
Grand Prix 2.3 LE	01.90- 01.91	112620							
Grand Prix 2.3 SE	01.91- 01.91	112620							
Grand Prix 2.8	01.88- 01.89	112637#	14	100/105		01.88- 01.89	112911	12	1.6
	01.88- 01.89	111389	14	100/105					
Grand Prix 2.8 LE	01.88- 01.89	112637#	14	100/105		01.88- 01.89	112911	12	1.6
	01.88- 01.89	111389	14	100/105					
Grand Prix 2.8 SE	01.88- 01.89	112637#	14	100/105		01.88- 01.89	112911	12	1.6
	01.88- 01.89	111389	14	100/105					
Grand Prix 3.1	01.96-	111392#	14	105		01.98- 01.00	112900	12	1.4
						01.89- 01.89	112911	12	1.6
	01.89- 01.89	112637#	14	100/105					
	01.89- 01.89	111389	14	100/105					
Grand Prix 3.1 GT	01.91- 01.93	112637#	14	100/105		01.91- 01.93	112911	12	1.6
	01.91- 01.93	111389	14	100/105					
Grand Prix 3.1 LE	01.89- 01.93	112637#	14	100/105		01.89- 01.93	112911	12	1.6
	01.89- 01.93	111389	14	100/105					
Grand Prix 3.1 SE	01.94- 01.97	111392#	14	105		01.98- 01.98	112900	12	1.4
	01.89- 01.93	112637#	14	100/105		01.89- 01.97	112911	12	1.6
	01.89- 01.93	111389	14	100/105					
Grand Prix 3.1 STE	01.90- 01.93	112637#	14	100/105		01.90- 01.93	112911	12	1.6
	01.90- 01.93	111389	14	100/105					
Grand Prix 3.1 Turbo McLaren	01.90- 01.90	112637#	14	100/105		01.90- 01.90	112911	12	1.6
	01.90- 01.90	111389	14	100/105					
Grand Prix 3.1 Turbo SE	01.89- 01.89	112637#	14	100/105		01.89- 01.89	112911	12	1.6
	01.89- 01.89	111389	14	100/105					
Grand Prix 3.1 Turbo STE	01.90- 01.90	112637#	14	100/105		01.90- 01.90	112911	12	1.6
	01.90- 01.90	111389	14	100/105					
Grand Prix 3.4	01.92-	110499	14	100/105					
Grand Prix 3.4 GT						01.96- 01.96	112898	12	1.6
	01.91- 01.95	112620							
Grand Prix 3.4 GTP									
Grand Prix 3.4 LE	01.92- 01.93	112448	14	100					
	01.92- 01.93	112621#	14	100/105					
	01.92- 01.93	112624							
	01.92- 01.93	110499	14	100/105					
Grand Prix 3.4 SE	01.91- 01.94	112620							
Grand Prix 3.4 STE	01.91- 01.93	112620							
Grand Prix 3.8						01.98- 01.02	112903#	12	1.4
	01.98- 01.98	112867#	14	105		01.98- 12.99	112901#	12	1.5
						01.78- 01.87	110217		
	01.83- 01.87	110235	14	80					
	01.83- 01.87	110471	14	94					
	01.78- 01.87	110505	14	75					
	01.83- 01.83	110508	14	78					
Grand Prix 3.8 Brougham	01.83- 01.87	110471	14	94		01.81- 01.87	110217		
	01.81- 01.87	110505	14	75					
	01.81- 01.87	110235	14	80					
	01.83- 01.83	110508	14	78					
Grand Prix 3.8 GT	01.98- 01.98	112867#	14	105		01.98- 01.98	112903#	12	1.4
						01.97- 01.97	112898	12	1.6
	01.97- 01.97	112615	14	105					
Grand Prix 3.8 LE	01.84- 01.87	110505	14	75		01.84- 01.87	110217		
	01.84- 01.87	110471	14	94					
	01.84- 01.87	110235	14	80					
Grand Prix 3.8 LJ	01.83- 01.83	110235	14	80		01.79- 01.83	110217		
	01.83- 01.83	110508	14	78					
	01.83- 01.83	110471	14	94					
	01.79- 01.83	110505	14	75					
Grand Prix 3.8 SE	01.97- 01.97	112615	14	105		01.97- 01.97	112898	12	1.6
Grand Prix 3.8 SJ	01.79- 01.79	110505	14	75		01.79- 01.79	110217		
Grand Prix 3.8 Super						01.99- 01.02	112898	12	1.6
Grand Prix 3.8 Super GTP	01.98- 01.98	112867#	14	105		01.97- 01.98	112898	12	1.6
	01.97- 01.97	112615	14	105					
Grand Prix 4.1	01.82- 01.82	110505	14	75		01.82- 01.82	110217		
	01.82- 01.82	110235	14	80					
Grand Prix 4.1 Brougham	01.82- 01.82	110505	14	75		01.82- 01.82	110217		
	01.82- 01.82	110235	14	80					



Grand Prix 4.1 LJ	01.82- 01.82	110235	14	80	01.82- 01.82	110217		
	01.82- 01.82	110505	14	75				
Grand Prix 4.3	01.86- 01.87	110471	14	94	01.86- 01.87	110217		
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110233	14	63				
	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Grand Prix 4.3 Brougham	01.86- 01.87	110233	14	63	01.86- 01.87	110217		
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110471	14	94				
	01.81- 01.87	110505	14	75				
	01.81- 01.81	110235	14	80				
Grand Prix 4.3 LE	01.86- 01.87	110471	14	94	01.86- 01.87	110217		
	01.86- 01.87	110233	14	63				
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110505	14	75				
Grand Prix 4.3 LJ	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Grand Prix 4.4	01.81- 01.82	110235	14	80				
	01.81- 01.82	110505	14	75				
Grand Prix 4.4 Brougham	01.81- 01.82	110235	14	80				
	01.81- 01.82	110505	14	75				
Grand Prix 4.4 LJ	01.81- 01.82	110235	14	80				
	01.81- 01.82	110505	14	75				
Grand Prix 4.9	01.77- 01.80	110505	14	75	01.77- 01.79	110217		
Grand Prix 4.9 LJ	01.77- 01.80	110505	14	75	01.77- 01.79	110217		
Grand Prix 4.9 SJ	01.78- 01.80	110505	14	75				
Grand Prix 5.0	01.85- 01.87	110471	14	94	01.85- 01.87	110217		
	01.78- 01.86	110505	14	75	01.78- 01.84	110414	12	
	01.79- 01.84	110234	14	80				
Grand Prix 5.0 Brougham	01.83- 01.87	110471	14	94	01.85- 01.87	110217		
	01.83- 01.86	110505	14	75	01.83- 01.84	110414	12	
Grand Prix 5.0 LE	01.84- 01.87	110505	14	75	01.84- 01.87	110217		
	01.84- 01.87	110471	14	94				
Grand Prix 5.0 LJ	01.79- 01.83	110234	14	80	01.78- 01.83	110414	12	
	01.78- 01.83	110505	14	75				
Grand Prix 5.0 SJ	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
	01.79- 01.80	110234	14	80				
Grand Prix 5.7	01.77- 01.77	110233	14	63	01.76- 01.77	110217		
	01.76- 01.77	110505	14	75				
	01.76- 01.77	110234	14	80				
Grand Prix 5.7 LJ	01.77- 01.77	110233	14	63	01.77- 01.77	110217		
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12	
	01.77- 01.77	110234	14	80				
Grand Prix 5.7	01.83- 01.84	110471	14	94	01.81- 01.82	110220	12	
	01.83- 01.84	110508	14	78				
	01.81- 01.83	110505	14	75				
	01.81- 01.82	110235	14	80				
Grand Prix 5.7 Brougham	01.83- 01.84	110471	14	94	01.81- 01.82	110220	12	
	01.83- 01.84	110508	14	78				
	01.81- 01.83	110505	14	75				
	01.81- 01.82	110235	14	80				
Grand Prix 5.7 LE	01.84- 01.84	110471	14	94				
	01.84- 01.84	110508	14	78				
Grand Prix 5.7 LJ	01.83- 01.83	110508	14	78	01.81- 01.82	110220	12	
	01.83- 01.83	110471	14	94				
	01.81- 01.83	110505	14	75				
	01.81- 01.82	110235	14	80				
Grand Prix 6.4	01.62- 01.66	110215#	14	90	01.62- 01.66	110218	12	
	01.62- 01.66	110075	14	60				
Grand Prix 6.6	01.77- 01.77	110233	14	63	01.68- 01.77	110218	12	
	01.72- 01.77	110505	14	75				
	01.75- 01.77	110234	14	80				
	01.68- 01.71	110215#	14	90				
	01.68- 01.71	110075	14	60				
Grand Prix 6.6 LJ	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12	
	01.77- 01.77	110234	14	80				
	01.77- 01.77	110233	14	63				
Grand Prix 6.6 SJ	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12	
	01.77- 01.77	110234	14	80				
	01.77- 01.77	110233	14	63				
Grand Prix 6.9	01.63- 01.63	110075	14	60				
	01.63- 01.63	110215#	14	90				
Grand Prix 7.0	01.68- 01.69	110215#	14	90	01.68- 01.69	110218	12	
	01.68- 01.69	110075	14	60				
Grand Prix 7.5	01.73- 01.76	110234	14	80	01.70- 01.76	110218	12	
	01.70- 01.76	110505	14	75				
Grand Safari 4.9	01.77- 01.78	110505	14	75	01.77- 01.78	110217		
Grand Safari 5.7	01.77- 01.78	110234	14	80	01.77- 01.78	110217		
	01.77- 01.78	110505	14	75				
Grand Safari 6.6	01.71- 01.78	110505	14	75	01.71- 01.78	110218	12	
	01.73- 01.78	110234	14	80				
Grand Safari 7.5	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12	
Grandville 6.6	01.71- 01.73	110234	14	80	01.71- 01.73	110218	12	
	01.71- 01.73	110505	14	75				
Grandville 6.6 Brougham	01.75- 01.75	110505	14	75	01.75- 01.75	110218	12	
	01.75- 01.75	110234	14	80				
Grandville 7.5	01.71- 01.74	110505	14	75	01.71- 01.74	110218	12	
	01.71- 01.74	110234	14	80				
Grandville 7.5 Brougham	01.75- 01.75	110505	14	75	01.75- 01.75	110218	12	
	01.75- 01.75	110234	14	80				
GTO 3.5	01.64- 01.64	110215#	14	90				
	01.64- 01.64	110075	14	60				
GTO 5.3	01.64- 01.66	110215#	14	90	01.64- 01.66	110217		
	01.64- 01.66	110075	14	60				
GTO 5.7	01.70- 01.70	110215#	14	90	01.70- 01.70	110217		
	01.70- 01.70	110075	14	60				
GTO 6.4	01.64- 01.66	110215#	14	90	01.64- 01.66	110217		
	01.64- 01.66	110075	14	60				
GTO 6.6	01.67- 01.71	110215#	14	90	01.67- 01.71	110218	12	
	01.67- 01.71	110075	14	60				
GTO 7.5	01.70- 01.71	110215#	14	90	01.70- 01.71	110218	12	
	01.70- 01.71	110075	14	60				
J2000 1.8	01.82- 01.83	110235	14	80	01.82- 01.83	112909#	12	
	01.82- 01.83	110505	14	75				
J2000 1.8 Sunbird	01.84- 01.84	110471	14	94	01.84- 01.84	112909#	12	
	01.84- 01.84	110508	14	78				
J2000 1.8 Sunbird LE	01.84- 01.84	110508	14	78	01.84- 01.84	112909#	12	
	01.84- 01.84	110471	14	94				
J2000 1.8 Turbo Sunbird	01.84- 01.84	110508	14	78	01.84- 01.84	112909#	12	
	01.84- 01.84	110471	14	94				
J2000 1.8 Turbo Sunbird LE	01.84- 01.84	110508	14	78	01.84- 01.84	112909#	12	
	01.84- 01.84	110471	14	94				
J2000 1.8 Turbo Sunbird SE	01.84- 01.84	110471	14	94	01.84- 01.84	112909#	12	
	01.84- 01.84	110508	14	78				
J2000 2.0	01.83- 01.84	110492	14	108	01.84- 01.84	112911	12	1.6
J2000 2.0 Sunbird	01.84- 01.84	110492	14	108	01.84- 01.84	112911	12	1.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**PONTIAC** *Continued*

J2000 2.0 Sunbird LE	01.84-01.84	110492	14	108	01.84-01.84	112911	12	1.6
Laurentian 3.8	01.80-	110235	14	80				
	01.81-	110505	14	75				
	01.80-	110233	14	63				
Laurentian 4.1	01.77-	110505	14	75				
Laurentian 4.3	01.81-	110505	14	75				
Laurentian 4.4	01.80-	110505	14	75				
	01.80-	110235	14	80				
Laurentian 4.4 Safari	01.80-	110505	14	75				
	01.80-	110235	14	80				
Laurentian 5.0	01.80-	110235	14	80				
	01.77-	110505	14	75				
	01.79-	110234	14	80				
Laurentian 5.0 Safari	01.80-	110505	14	75				
	01.80-	110235	14	80				
Laurentian 5.7	01.77-	110505	14	75				
	01.78-	110234	14	80				
Laurentian 5.7	01.80-	110505	14	75				
	01.81-	110235	14	80				
	01.80-	110234	14	80				
Laurentian 6.6	01.76-	110505	14	75				
	01.76-	110234	14	80				
Laurentian 7.5	01.76-	110505	14	75				
	01.76-	110234	14	80				
Lemans 1.6					01.88-01.89	111127	12	1.4
					01.88-01.88	111055	12	0.7
Lemans 1.6 Aerocoupe					01.88-01.88	111127	12	1.4
					01.88-01.88	111055	12	0.7
Lemans 1.6 LE					01.90-01.91	111127	12	1.4
Lemans 1.6 LE Aerocoupe					01.90-01.91	111127	12	1.4
Lemans 1.6 SE					01.88-01.88	111127	12	1.4
					01.88-01.88	111055	12	0.7
Lemans 1.6 Value Leader					01.90-01.93	111127	12	1.4
Lemans 1.6 YL Aerocoupe					01.88-01.89	111127	12	1.4
					01.88-01.88	111055	12	0.7
Lemans 2.0	01.89-	112858#	14	74				
Lemans 2.0 Aerocoupe YL	01.89-	112858#	14	74				
Lemans 2.0 GSE	01.89-01.90	112858#	14	74	01.89-01.90	112909#	12	
Lemans 2.0 SE	01.89-01.89	112858#	14	74	01.89-01.89	112909#	12	
Lemans 3.3	01.78-	110233	14	63				
Lemans 3.3 Safari	01.79-	110233	14	63				
Lemans 3.5	01.64-01.65	110215#	14	90	01.64-01.65	110217		
	01.64-01.65	110075	14	60				
Lemans 3.8	01.80-01.81	110233	14	63	01.66-01.81	110217		
	01.80-01.81	110235	14	80	01.80-01.80	110414	12	
	01.77-01.81	110505	14	75				
	01.66-01.67	110215#	14	90				
	01.66-01.67	110075	14	60				
Lemans 3.8 Safari	01.80-01.80	110233	14	63	01.78-01.81	110217		
	01.80-01.80	110235	14	80	01.80-01.80	110414	12	
	01.78-01.81	110505	14	75				
Lemans 3.8 Sport	01.77-01.77	110505	14	75	01.77-01.77	110217		
Lemans 4.1	01.68-01.71	110215#	14	90	01.68-01.76	110217		
	01.68-01.71	110075	14	60				
	01.72-01.76	110505	14	75				
	01.72-01.76	110234	14	80				
Lemans 4.1 Safari	01.69-01.69	110215#	14	90	01.69-01.73	110217		
	01.69-01.69	110075	14	60				
	01.73-01.73	110505	14	75				
	01.73-01.73	110234	14	80				
Lemans 4.1 Sport	01.70-01.71	110215#	14	90	01.70-01.76	110217		
	01.70-01.71	110075	14	60				
	01.73-01.76	110234	14	80				
	01.73-01.76	110505	14	75				
Lemans 4.1 T37	01.71-01.71	110215#	14	90	01.71-01.71	110217		
	01.71-01.71	110075	14	60				
Lemans 4.3	01.76-01.81	110505	14	75	01.76-01.76	110217		
	01.80-01.81	110235	14	80				
Lemans 4.3 Safari	01.80-01.81	110505	14	75				
	01.80-01.81	110235	14	80				
Lemans 4.3 Sport	01.76-01.76	110505	14	75	01.76-01.76	110217		
Lemans 4.4	01.80-	110235	14	80				
	01.79-	110505	14	75				
Lemans 4.4 Safari	01.80-	110235	14	80				
	01.79-	110505	14	75				
Lemans 4.9	01.77-01.80	110505	14	75	01.77-01.79	110217		
Lemans 4.9 Safari	01.77-01.81	110505	14	75	01.77-01.79	110217		
Lemans 4.9 Sport	01.77-01.77	110505	14	75	01.77-01.77	110217		
Lemans 5.0	01.76-01.81	110505	14	75	01.77-01.78	110217		
	01.81-01.81	110235	14	80	01.79-01.81	110414	12	
	01.77-01.80	110234	14	80				
Lemans 5.0 Safari	01.81-01.81	110235	14	80	01.78-01.81	110414	12	
	01.78-01.81	110505	14	75				
	01.78-01.80	110234	14	80				
Lemans 5.0 Sport	01.76-01.77	110505	14	75	01.77-01.77	110217		
	01.77-01.77	110234	14	80				
Lemans 5.3	01.63-01.67	110215#	14	90	01.63-01.67	110217		
	01.63-01.67	110075	14	60				
Lemans 5.7	01.68-01.71	110215#	14	90	01.68-01.77	110217		
	01.68-01.71	110075	14	60				
	01.72-01.77	110505	14	75				
	01.72-01.77	110234	14	80				
	01.77-01.77	110233	14	63				
Lemans 5.7 Safari	01.69-01.69	110215#	14	90	01.69-01.77	110217		
	01.69-01.69	110075	14	60	01.78-01.79	111258	12	
	01.73-01.79	110234	14	80	01.78-01.79	110216	12	1.4
	01.73-01.79	110505	14	75				
	01.77-01.77	110233	14	63				
Lemans 5.7 Sport	01.70-01.71	110215#	14	90	01.70-01.77	110217		
	01.70-01.71	110075	14	60				
	01.73-01.77	110505	14	75				
	01.73-01.77	110234	14	80				
	01.77-01.77	110233	14	63				
Lemans 5.7 T37	01.71-01.71	110215#	14	90	01.71-01.71	110217		
	01.71-01.71	110075	14	60				
Lemans 6.4	01.64-01.65	110215#	14	90	01.64-01.65	110218	12	
	01.64-01.65	110075	14	60				
Lemans 6.6	01.68-01.71	110215#	14	90	01.68-01.77	110218	12	
	01.68-01.71	110075	14	60				
	01.72-01.77	110234	14	80				
	01.72-01.77	110505	14	75				
	01.77-01.77	110233	14	63				
Lemans 6.6 Safari	01.69-01.69	110215#	14	90	01.69-01.77	110218	12	
	01.69-01.69	110075	14	60				
	01.73-01.77	110505	14	75				
	01.73-01.77	110234	14	80				
	01.77-01.77	110233	14	63				



Lemans 6.6 Sport	01.70- 01.71	110215#	14	90	01.70- 01.77	110218	12	
	01.70- 01.71	110075	14	60				
	01.73- 01.77	110505	14	75				
	01.73- 01.77	110234	14	80				
	01.77- 01.77	110233	14	63				
Lemans 7.0	01.68- 01.69	110215#	14	90	01.68- 01.69	110218	12	
	01.68- 01.69	110075	14	60				
Lemans 7.0 Safari	01.69- 01.69	110215#	14	90	01.69- 01.69	110218	12	
	01.69- 01.69	110075	14	60				
Lemans 7.5	01.70- 01.70	110215#	14	90	01.70- 01.76	110218	12	
	01.70- 01.70	110075	14	60				
	01.72- 01.76	110505	14	75				
	01.72- 01.76	110234	14	80				
Lemans 7.5 Safari	01.73- 01.76	110505	14	75	01.73- 01.76	110218	12	
	01.73- 01.76	110234	14	80				
Lemans 7.5 Sport	01.70- 01.70	110215#	14	90	01.70- 01.76	110218	12	
	01.70- 01.70	110075	14	60				
	01.73- 01.76	110505	14	75				
	01.73- 01.76	110234	14	80				
Montana 3.4					01.99- 01.02	112900	12	1.4
Optima 2.0	01.88-	112859#	14	74				
Parisienne 3.8	01.80- 01.85	110233	14	63	01.83- 01.85	110217		
	01.80-	110235	14	80				
	01.81- 01.85	110505	14	75				
	01.83- 01.85	110471	14	94				
	01.84- 01.84	110508	14	78				
Parisienne 3.8 Brougham	01.84- 01.84	110508	14	78	01.83- 01.85	110217		
	01.83- 01.85	110471	14	94	01.83- 01.83	110414	12	
	01.83- 01.85	110233	14	63				
	01.82- 01.85	110505	14	75				
	01.82-	110235	14	80				
Parisienne 4.1	01.77-	110505	14	75				
Parisienne 4.3	01.85- 01.86	110471	14	94	01.85- 01.86	110217		
	01.85- 01.86	110492	14	108				
	01.81- 01.86	110505	14	75				
	01.85- 01.86	110233	14	63				
Parisienne 4.3 Brougham	01.85- 01.86	110471	14	94	01.85- 01.86	110217		
	01.85- 01.86	110492	14	108				
	01.85- 01.86	110233	14	63				
	01.85- 01.86	110505	14	75				
Parisienne 4.4	01.80- 01.82	110235	14	80	01.82- 01.82	110414	12	
	01.80- 01.82	110505	14	75				
Parisienne 4.4 Brougham	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.82- 01.82	110235	14	80				
Parisienne 4.4 Safari	01.81- 01.82	110235	14	80	01.82- 01.82	110414	12	
	01.81- 01.82	110505	14	75				
Parisienne 5.0	01.86- 01.86	110508	14	78	01.84- 01.86	110217		
	01.84- 01.86	110471	14	94	01.83- 01.83	110414	12	
	01.79-	110234	14	80				
	01.77- 01.86	110505	14	75				
	01.84- 01.86	110233	14	63				
	01.80-	110235	14	80				
Parisienne 5.0 Brougham	01.84- 01.86	110471	14	94	01.83- 01.83	110414	12	
	01.82- 01.86	110505	14	75	01.84- 01.86	110217		
	01.82-	110235	14	80				
	01.86- 01.86	110508	14	78				
	01.84- 01.86	110233	14	63				
Parisienne 5.0 Safari	01.80-	110505	14	75				
	01.80-	110235	14	80				
Parisienne 5.7	01.77-	110505	14	75				
	01.78-	110234	14	80				
Parisienne 5.7 Safari	01.80-	110505	14	75				
	01.80-	110234	14	80				
Parisienne 5.7	01.83- 01.85	110471	14	94				
	01.84- 01.85	110508	14	78				
	01.80- 01.83	110505	14	75				
	01.81- 01.82	110235	14	80				
	01.80-	110234	14	80				
Parisienne 5.7 Brougham	01.82- 01.83	110505	14	75				
	01.83- 01.85	110471	14	94				
	01.82- 01.82	110235	14	80				
	01.84- 01.85	110508	14	78				
Parisienne 5.7 Safari	01.80-	110505	14	75				
	01.80-	110234	14	80				
	01.81-	110235	14	80				
Parisienne 6.6	01.76-	110505	14	75				
	01.76-	110234	14	80				
Parisienne 7.5	01.76-	110505	14	75				
	01.76-	110234	14	80				
Phoenix 2.5	01.78- 01.78	110233	14	63	01.78- 01.78	110414	12	
	01.78- 01.84	110505	14	75	01.80- 01.81	110221	12	1.2
	01.80- 01.84	110235	14	80				
	01.83-	110471	14	94				
Phoenix 2.5 LE	01.84- 01.84	110505	14	75	01.84- 01.84	110221	12	1.2
	01.84- 01.84	110471	14	94	01.84- 01.84	112911	12	1.6
Phoenix 2.5 LJ	01.78- 01.78	110233	14	63	01.78- 01.78	110414	12	
	01.78- 01.83	110505	14	75	01.80- 01.81	110221	12	1.2
	01.83-	110471	14	94				
	01.80- 01.83	110235	14	80				
Phoenix 2.8	01.84- 01.84	110508	14	78	01.84- 01.84	112911	12	1.6
	01.80- 01.84	110505	14	75	01.80- 01.84	110221	12	1.2
	01.80- 01.84	110235	14	80				
Phoenix 2.8 LE	01.84- 01.84	110505	14	75	01.84- 01.84	112911	12	1.6
	01.84- 01.84	110508	14	78				
Phoenix 2.8 LJ	01.80- 01.83	110505	14	75	01.80- 01.83	110221	12	1.2
	01.80- 01.83	110235	14	80				
Phoenix 2.8 SE	01.84- 01.84	110508	14	78	01.84- 01.84	112911	12	1.6
	01.84- 01.84	110505	14	75				
Phoenix 2.8 SJ	01.83- 01.83	110508	14	78	01.83- 01.83	112911	12	1.6
	01.82- 01.83	110505	14	75				
	01.82- 01.82	110235	14	80				
Phoenix 3.8	01.77- 01.79	110505	14	75	01.77- 01.79	110217		
Phoenix 3.8 LJ	01.78- 01.79	110505	14	75	01.78- 01.79	110217		
Phoenix 5.0	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
					01.77- 01.78	110798	12	1.5
Phoenix 5.0 LJ	01.78- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
					01.78- 01.78	110798	12	1.5
Phoenix 5.7	01.77- 01.79	110505	14	75	01.78- 01.79	111258	12	
					01.77- 01.77	110217		
					01.78- 01.79	110216	12	1.4
Phoenix 5.7 LJ	01.78- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
					01.78- 01.79	111258	12	
					01.68- 01.70	110217		
Safari 4.1	01.68- 01.70	110075	14	60				
	01.68- 01.70	110215#	14	90				
Safari 5.0	01.87- 01.89	112449#	14	105				
	01.87- 01.89	110508	14	78				
	01.87- 01.89	110471	14	94				





Application list

PONTIAC Continued

Safari 5.7	01.68- 01.70	110215#	14	90	01.68- 01.70	110217		
	01.68- 01.70	110075	14	60				
Safari 6.4	01.63- 01.65	110215#	14	90	01.61- 01.62	110216	12	1.4
	01.63- 01.65	110075	14	60	01.63- 01.65	110218	12	
Safari 6.6	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12	
	01.70- 01.70	110215#	14	90				
Safari 6.9	01.63- 01.65	110075	14	60	01.63- 01.65	110218	12	
	01.63- 01.65	110215#	14	90				
Star Chief 5.7					01.57- 01.57	110798	12	1.5
Star Chief 6.1					01.58- 01.58	110798	12	1.5
Star Chief 6.4	01.63- 01.66	110215#	14	90	01.59- 01.62	110216	12	1.4
	01.63- 01.66	110075	14	60	01.63- 01.66	110218	12	
Star Chief 6.9	01.63- 01.66	110215#	14	90	01.63- 01.66	110218	12	
	01.63- 01.66	110075	14	60				
Sunbird 3.1	01.94-	111388	14	100/105	01.91- 12.93	112911	12	1.6
Sunburst 1.5								
Sunburst 1.5 LE								
Sunbird 1.8	01.85- 01.86	110471	14	94	01.85- 01.86	112909#	12	
	01.85- 01.86	110508	14	78				
Sunbird 1.8 GT	01.86- 01.86	110471	14	94	01.86- 01.86	112909#	12	
	01.86- 01.86	110508	14	78				
Sunbird 1.8 LE	01.85- 01.85	110471	14	94	01.85- 01.85	112909#	12	
	01.85- 01.85	110508	14	78				
Sunbird 1.8 SE	01.86- 01.86	110471	14	94	01.86- 01.86	112909#	12	
	01.86- 01.86	110508	14	78				
Sunbird 1.8 Turbo	01.85- 01.86	110471	14	94	01.85- 01.86	112909#	12	
	01.85- 01.86	110508	14	78				
Sunbird 1.8 Turbo GT	01.86- 01.86	110508	14	78	01.86- 01.86	112909#	12	
	01.86- 01.86	110471	14	94				
Sunbird 1.8 Turbo LE	01.85- 01.85	110508	14	78	01.85- 01.85	112909#	12	
	01.85- 01.85	110471	14	94				
Sunbird 1.8 Turbo SE	01.85- 01.86	110508	14	78	01.85- 01.86	112909#	12	
	01.85- 01.86	110471	14	94				
Sunbird 2.0					01.87- 01.91	112909#	12	
Sunbird 2.0 GT					01.87- 01.90	112909#	12	
Sunbird 2.0 LE	01.89- 01.94	112858#	14	74	01.89- 01.94	112909#	12	
Sunbird 2.0 SE	01.92- 01.93	112858#	14	74	01.87- 01.93	112909#	12	
Sunbird 2.0 Turbo GT					01.87- 01.90	112909#	12	
Sunbird 2.0 Turbo LE					01.90- 01.90	112909#	12	
Sunbird 2.0 Turbo SE					01.87- 01.89	112909#	12	
Sunbird 2.3	01.76- 01.77	110492	14	108				
	01.76- 01.77	110505	14	75				
	01.76- 01.77	110233	14	63				
Sunbird 2.5	01.77- 01.80	110505	14	75	01.78- 01.79	110414	12	
					01.77- 01.80	110217		
Sunbird 2.5 Safari	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12	
Sunbird 3.1 GT	01.91- 01.93	111388	14	100/105	01.91- 01.93	112911	12	1.6
Sunbird 3.1 LE	01.91- 01.94	111388	14	100/105	01.91- 01.94	112911	12	1.6
Sunbird 3.1 SE	01.91- 01.94	111388	14	100/105	01.91- 01.94	112911	12	1.6
Sunbird 3.8	01.76- 01.80	110505	14	75	01.76- 01.80	110217		
Sunbird 3.8 Safari	01.78- 01.79	110505	14	75	01.78- 01.79	110217		
Sunbird 5.0	01.78- 01.79	110505	14	75	01.79- 01.79	110798	12	1.5
					01.79- 01.79	110216	12	1.4
					01.78- 01.78	110414	12	
Sunfire 2.2	[L61]				01.02- 12.02	112899	12	1.4
	01.02- 01.02	113748	14	105	01.98- 01.01	112900	12	1.4
					01.98- 01.98	112911	12	1.6
Sunfire 2.2 GT	01.95- 01.95	112643#	14	100/105	01.95- 01.95	112911	12	1.6
Sunfire 2.2 SE					01.95- 01.97	112911	12	1.6
Sunfire 2.3 GT	01.95- 01.95	112643#	14	100/105				
Sunfire 2.3 SE					01.95- 01.95	112085	24	5.2
Sunfire 2.4	01.98- 01.01	114138	14	105	01.99- 01.02	112907	12	1.7
Sunfire 2.4 GT	01.96- 01.97	114138	14	105				
Sunfire 2.4 SE	01.96- 01.97	114138	14	105				
Sunrunner 1.6	01.94-	111279	14	50				
Super Chief 5.7					01.57- 01.57	110798	12	1.5
Super Chief 6.1					01.58- 01.58	110798	12	1.5
T1000 1.6	01.81- 01.87	110492	14	108				
Tempest 2.0	01.87-	110503	14	100/105				
Tempest 2.2	01.90-	110503	14	100/105				
Tempest 2.2 LE	01.91-	110503	14	100/105				
Tempest 2.8	01.87-	111388	14	100/105				
Tempest 3.1	01.90-	111388	14	100/105				
Tempest 3.1 LE	01.91-	111388	14	100/105				
Tempest 3.5	01.64- 01.65	110215#	14	90	01.64- 01.65	110217		
	01.64- 01.65	110075	14	60				
Tempest 3.8	01.66- 01.67	110215#	14	90	01.66- 01.67	110217		
	01.66- 01.67	110075	14	60				
Tempest 4.1	01.68- 01.70	110215#	14	90	01.68- 01.70	110217		
	01.68- 01.70	110075	14	60				
Tempest 4.1 Custom	01.68- 01.69	110215#	14	90	01.68- 01.69	110217		
	01.68- 01.69	110075	14	60				
Tempest 5.3	01.63- 01.67	110215#	14	90	01.63- 01.67	110217		
	01.63- 01.67	110075	14	60				
Tempest 5.7	01.68- 01.70	110215#	14	90	01.68- 01.70	110217		
	01.68- 01.70	110075	14	60				
Tempest 5.7 Custom	01.68- 01.68	110215#	14	90	01.68- 01.68	110217		
	01.68- 01.68	110075	14	60				
Tempest 6.4	01.63- 01.64	110215#	14	90	01.64- 01.64	110216	12	1.4
	01.63- 01.64	110075	14	60				
Tempest 6.6	01.68- 01.70	110215#	14	90	01.68- 01.70	110218	12	
	01.68- 01.70	110075	14	60				
Tempest 6.6 Custom	01.68- 01.68	110215#	14	90	01.68- 01.68	110218	12	
	01.68- 01.68	110075	14	60				
Tempest 7.0	01.69- 01.69	110215#	14	90	01.69- 01.69	110218	12	
	01.69- 01.69	110075	14	60				
Tempest 7.0 Custom	01.69- 01.69	110215#	14	90	01.69- 01.69	110218	12	
	01.69- 01.69	110075	14	60				
Trans Sport 3.1	01.90- 01.95	111388	14	100/105	01.90- 01.95	112911	12	1.6
Trans Sport 3.4	01.98- 01.98	112874	14	140	01.97- 01.98	112900	12	1.4
	01.96- 01.97	112875#	14	140	01.96- 01.96	112911	12	1.6
Trans Sport 3.4 Montana	01.98- 01.98	112874	14	140	01.98- 01.98	112900	12	1.4
Trans Sport 3.8					01.92- 01.95	110221	12	1.2
	01.92- 01.95	112638#	14	100/105				
	01.92- 01.95	111220	14	105				
	01.92- 01.95	112884	14	140				
Ventura 2.5	01.77- 01.77	110233	14	63	01.77- 01.77	110217		
	01.77- 01.77	110505	14	75				
Ventura 3.8	01.77- 01.77	110505	14	75	01.77- 01.77	110217		
Ventura 3.8 SJ	01.77- 01.77	110505	14	75	01.77- 01.77	110217		
Ventura 4.1	01.71- 01.71	110215#	14	90	01.71- 01.76	110217		
	01.71- 01.71	110075	14	60				
	01.72- 01.76	110505	14	75				



Ventura 4.1 Custom		01.73- 01.75	110505	14	75		01.73- 01.75	110217		
Ventura 4.1 S		01.75- 01.75	110505	14	75		01.75- 01.75	110216	12	1.4
Ventura 4.1 SJ		01.75- 01.76	110505	14	75		01.75- 01.76	110217		
Ventura 4.3		01.75- 01.76	110505	14	75		01.75- 01.76	110216	12	1.4
Ventura 4.3 Custom		01.75- 01.75	110505	14	75		01.75- 01.75	110217		
Ventura 4.3 S		01.75- 01.75	110505	14	75		01.75- 01.75	110217		
Ventura 4.3 SJ		01.75- 01.76	110505	14	75		01.75- 01.76	110217		
Ventura 4.9		01.77- 01.77	110505	14	75		01.77- 01.77	110217		
Ventura 4.9 SJ		01.77- 01.77	110505	14	75		01.77- 01.77	110217		
Ventura 5.0		01.72- 01.72	110233	14	63		01.71- 01.72	110217		
		01.72- 01.77	110505	14	75		01.77- 01.77	110216	12	1.4
		01.71- 01.71	110215#	14	90		01.77- 01.77	110798	12	1.5
		01.71- 01.71	110075	14	60					
Ventura 5.0 SJ		01.77- 01.77	110505	14	75		01.77- 01.77	110216	12	1.4
							01.77- 01.77	110798	12	1.5
Ventura 5.7		01.72- 01.77	110505	14	75		01.72- 01.77	110217		
		01.75- 01.76	110233	14	63		01.77- 01.77	110216	12	1.4
							01.77- 01.77	111258	12	
Ventura 5.7 Custom		01.75- 01.75	110233	14	63		01.73- 01.75	110217		
		01.73- 01.75	110505	14	75					
Ventura 5.7 S		01.75- 01.75	110505	14	75		01.75- 01.75	110217		
		01.75- 01.75	110233	14	63					
Ventura 5.7 SJ		01.75- 01.77	110505	14	75		01.75- 01.77	110217		
		01.75- 01.76	110233	14	63		01.77- 01.77	110216	12	1.4
							01.77- 01.77	111258	12	
Vibe 1.8 GT	[2ZZ-GE]						01.03-	114419	12	1.2
PASSENGER CARS AO										
Sunfire 2.4		01.96- 10.02	114138	14	105					
Porsche										
PASSENGER CARS EU										
911 2.2 Targa	[911.01]						09.69- 08.71	111099	12	0.7
	[911.02]						09.69- 08.71	111099	12	0.7
	[911.04]						09.69- 08.71	111099	12	0.7
911 2.3	[911.52]						08.71- 12.73	113845	12	1.5
	[911.62]						08.71- 12.73	113845	12	1.5
911 2.3 S	[911.53]						08.71- 01.76	113845	12	1.5
	[911.63]						08.71- 01.76	113845	12	1.5
911 2.3 Targa	[911.52]						08.71- 12.73	113845	12	1.5
	[911.62]						08.71- 12.73	113845	12	1.5
911 2.7 Carrera RS	[911.83]						08.72- 01.79	113845	12	1.5
911 2.7 Carrera RS Targa	[911.83]						08.72- 01.79	113845	12	1.5
911 2.7 S Carrera	[911.42]						08.73- 01.76	113845	12	1.5
	[911.47]						08.73- 01.76	113845	12	1.5
	[911.93]						08.73- 01.76	113845	12	1.5
	[911.98]						08.73- 01.76	113845	12	1.5
911 2.7 S Targa	[911.42]						08.73- 01.76	113845	12	1.5
	[911.47]						08.73- 01.76	113845	12	1.5
	[911.93]						08.73- 01.76	113845	12	1.5
	[911.98]						08.73- 01.76	113845	12	1.5
911 3.0 Carrera							03.74- 10.83	113845	12	1.5
911 3.0 SC Carrera	[930.03/13]						07.77- 06.80	113845	12	1.5
911 3.0 SC Carrera Targa	[930.03/13]						09.75- 06.77	111099	12	0.7
							07.77- 06.80	113845	12	1.5
911 3.0 Turbo	[930.52]						01.75- 12.77	111099	12	0.7
911 3.1 Carrera	[930.20]						08.86- 08.89	113845	12	1.5
	[930.25]						08.86- 08.89	113845	12	1.5
911 3.1 SC Carrera	[930.20]						08.83- 08.89	113845	12	1.5
	[930.21]						10.84- 08.89	113845	12	1.5
911 3.2 Carrera	[930.21]						02.84- 06.87	113845	12	1.5
911 3.3	[930.66]						06.86- 08.89	113845	12	1.5
911 3.3 Turbo	[930.66]						09.86- 11.90	113845	12	1.5
911 3.3 Turbo S	[M30.69]	08.90- 09.93	112693	14	115					
	[930.60]						09.86- 11.90	113845	12	1.5
911 3.3 Turbo SC	[930.60]	07.74- 01.83	110931	14	70		09.77- 06.87	113845	12	1.5
	[930.66]	08.82- 01.83	110931	14	70		09.77- 06.87	113845	12	1.5
		01.83- 08.89	111327	14	90					
911 3.4	[M96.02]						02.98- 09.01	114316	12	1.7
	[M96.04]						02.98- 09.01	114316	12	1.7
911 3.4 Carrera	[M96.01]						09.97- 09.01	114316	12	1.7
	[M96.04]						09.97- 09.01	114316	12	1.7
							05.01-	114316	12	1.7
911 3.4 Carrera 4	[M96.02]						05.01-	114316	12	1.7
	[M96.01]						06.97- 09.01	114316	12	1.7
	[M96.04]						06.97- 09.01	114316	12	1.7
911 3.6	[M96.03]						10.01-	114316	12	1.7
	[M96.05]						07.04-	114316	12	1.7
911 3.6 Carrera	[M96.05]						04.05-	114316	12	1.7
	[M64.05]	10.93-	112693	14	115					
	[M64.06]	10.93-	112693	14	115					
	[M64.21]	08.95- 09.97	112693	14	115					
	[M64.22]	08.95- 09.97	112693	14	115					
911 3.6 Carrera 2	[M64.01]	07.89- 05.94	112693	14	115					
	[M64.02]	07.89- 05.94	112693	14	115					
911 3.6 Carrera 4	[M96.03]						10.01-	114316	12	1.7
	[M64.01]	12.88- 09.93	112693	14	115					
	[M64.05]	07.94-	112693	14	115					
	[M64.07]	07.94-	112693	14	115					
	[M64.21]	08.95- 09.97	112693	14	115					
	[M64.23]	08.95- 09.97	112693	14	115					
	[M96.05]						07.04-	114316	12	1.7
911 3.6 Carrera RS	[64.03]	06.91- 09.93	112693	14	115					
911 3.6 Carrera Targa	[M64.21]	08.95- 09.97	112693	14	115					
	[M64.22]	08.95- 09.97	112693	14	115					
911 3.6 Targa	[M96.03]						12.01-	114316	12	1.7
911 3.6 M96.05 Carrera 4	[M96.05]						04.05-	114316	12	1.7
911 3.6 S Carrera	[M96.03]						06.02-	114316	12	1.7
911 3.6 S Carrera 4	[M96.03]						06.02-	114316	12	1.7
911 3.6 Turbo 4 S										
911 3.6 Turbo	[M64.50]	01.93- 09.93	112693	14	115					
	[M64.60]	03.95-	112693	14	115					
911 3.8	[M97.01]						07.04-	114316	12	1.7
911 3.8 Carrera RS	[M64.20]	09.94-	112693	14	115					
911 3.8 Carrera	[M97.01]						11.06-	114316	12	1.7
911 3.8 Carrera 4S	[M97.01]						07.04-	114316	12	1.7
911 3.8 Carrera RS	[M64.21S]	09.94- 08.97	112693	14	115					
911 3.8 Carrera RS 4	[M64.20]	09.94-	112693	14	115					
	[M64.21S]	08.95- 09.97	111009	28	35					
911 3.8 Carrera S	[M97.01]						04.05-	114316	12	1.7
911 3.8 Carrera Targa	[M64.20]	05.96-	112693	14	115					
914 1.7	[W]	07.74-	110931	14	70		AT 01.69- 10.73	111099	12	0.7
							01.69- 10.73	110363	12	0.7
914 1.8	[AN]						08.73- 08.74	110363	12	0.7
914 2.0	[GB]	07.74-	110931	14	70		08.72- 12.75	111099	12	0.7
							10.69- 08.74	110363	12	0.7
924 2.0	[XJ]	11.75- 08.85	111139	14	75		01.76- 08.85	110997	12	0.8
		11.75- 08.85	110990#	14	90		A13 01.76- 08.85	110824	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



## PORSCHE Continued

924 2.0 Turbo	[M31.01]	11.78- 06.80	111139	14	75				
		11.78- 06.80	110990#	14	90				
	[M31.03]	06.80- 10.86	111139	14	75				
924 2.5 S	[M44.01]	07.81- 06.84	112730	14	90				
	[M44.03]	07.81- 06.84	112730	14	90				
	[M44.07]	09.85- 07.88	112730	14	90				
	[M44.08]	09.85- 07.87	112730	14	90				▲
	[M44.09]	08.87- 07.88	112730	14	90				▲
	[M44.10]	08.87- 07.88	112730	14	90				▲
944 2.5	[M44.01]	06.81- 06.84	112730	14	90				▲
	[M44.02]	06.81- 07.87	112730	14	90				
	[M44.03]	06.81- 06.84	112730	14	90				▲
	[M44.04]	07.82- 06.84	112730	14	90				
	[M44.05]	09.85- 07.87	112730	14	90			0 120 468 004	
	[M44.07]	09.85- 07.87	112730	14	90				
	[M44.08]	09.85- 07.87	112730	14	90				
	[M44.09]	08.87- 07.88	112730	14	90				
	[M44.10]	08.87- 08.88	112730	14	90				
959 2.8	[959.50]							01.86- 04.91	113845 12 1.5
968 3.0	[M44.43]	06.91- 11.95	112730	14	90				▲
	[M44.44]	06.91- 11.95	112730	14	90				▲
968 3.0 Turbo S		03.93- 11.95	112730	14	90				▲
914/6 2.0	[901.36]					12.69- 08.72	111099		12 0.7
	[901.37]					12.69- 08.72	111099		12 0.7
Boxster 2.5	[M96.20]					09.96- 08.99	114316		12 1.7
Boxster 2.7	[M96.22]					08.99- 07.02	114316		12 1.7
	[M96.25]					11.04-	114316		12 1.7
	[M97.20]					07.06-	114316		12 1.7
Boxster 2.7 24V	[M96.23]					07.02-	114316		12 1.7
Boxster 3.2	[M96.21]					08.99- 07.02	114316		12 1.7
Boxster 3.2 S	[M96.24]					07.02-	114316		12 1.7
Boxster 3.4 S	[M97.21]					07.06-	114316		12 1.7
Carrera 5.7 GT	[M80.01]					07.03-	114316		12 1.7
Cayenne 4.5 S	[M48.00]					09.02-	114477		12 1.7
Cayenne 4.5 Turbo	[M48.50]					09.02-	114477		12 1.7
Cayenne 4.5 Turbo S	[M48.50]					03.06-	114477		12 1.7
Cayman 2.7	[M48.50S]					01.04-	114477		12 1.7
Cayman 3.4 S	[M97.20]					07.06-	114316		12 1.7
	[M97.21]					11.05-	114316		12 1.7
<b>PASSENGER CARS US</b>									
911 2.0						01.65- 01.68	111099		12 0.7
911 2.0 E						01.69- 01.69	111099		12 0.7
911 2.0 L						01.68- 01.68	111099		12 0.7
911 2.0 S						01.69- 01.69	111099		12 0.7
911 2.0 T						01.69- 01.69	111099		12 0.7
911 2.2 E						01.70- 01.71	111099		12 0.7
911 2.2 S						01.70- 01.71	111099		12 0.7
911 2.2 T						01.70- 01.71	111099		12 0.7
911 2.7 S						09.75- 06.77	111099		12 0.7
911 3.0 SC		01.78- 01.83	110931	14	70				
911 3.2 Carrera		01.84- 01.89	111327	14	90				
911 3.2 Speedster		01.89- 01.89	111327	14	90				
		01.89- 01.89	112693	14	115				
911 3.2 Turbo		01.84- 01.85	111327	14	90				
911 3.3 Turbo	[930.6]	01.82- 01.82	110931	14	70				
	[930.66]	01.81- 01.85	110931	14	70				
		01.91- 01.92	112693	14	115				
		01.86- 01.89	111327	14	90				
911 3.6 Carrera		01.90- 01.93	112693	14	115				
911 3.6 Carrera 2		01.94- 01.98	112693	14	115				
911 3.6 Carrera 4		01.89- 01.98	112693	14	115				
		01.89- 01.89	111327	14	90				
911 3.6 Carrera 4 Turbo Look		01.93-	112693	14	115				
911 3.6 CARRERA 4S		01.96- 01.98	112693	14	115				
911 3.6 RS America		01.93- 01.94	112693	14	115				
911 3.6 Speedster		01.94- 01.94	112693	14	115				
911 3.6 Taiga		01.94- 01.97	112693	14	115				
911 3.6 Targa		01.98- 01.98	112693	14	115				
911 3.6 Turbo		01.94- 01.97	112693	14	115				
911 3.6 Turbo Look		01.92- 01.94	112693	14	115				
912 1.6						01.66- 01.69	111099		12 0.7
912 2.0 E						01.76- 01.76	111099		12 0.7
914 1.7						01.70- 01.73	111099		12 0.7
						01.70- 01.73	110363		12 0.7
914 1.8						01.74- 01.75	110363		12 0.7
914 2.0						01.74- 01.76	111099		12 0.7
914 2.0 6						01.70- 01.71	111099		12 0.7
924 2.0		01.77- 01.82	111139	14	75			01.77- 01.82	110997 12 0.8
						01.77- 01.82	110824		12 1.1
924 2.0 Turbo		01.80- 01.82	111139	14	75				
924 2.5 S		01.87- 01.88	112730	14	90				
928 4.5		01.81- 01.82	111139	14	75				
928 4.7 S		01.83- 01.84	111139	14	75				
930 3.3 Turbo		01.78- 01.79	110931	14	70				
944 2.5		01.83- 01.86	112730	14	90				
<b>PASSENGER CARS AO</b>									
911 3.8 Carrera S	[M97.01S]					08.05-	114316		12 1.7
911 3.8 Carrera S S4	[M97.01S]					08.05-	114316		12 1.7
<b>Proton</b>									
<b>PASSENGER CARS EU</b>									
Aeroback 1.5						01.91- 11.96	110315		12 0.9
Persona 313 1.3 i	[G13B]	03.96-	111375	14	75				
Persona 315 1.5 GLI / GLSI	[4G15]	03.96-	111309	14	75	03.96-	110315		12 0.9
	[4G15]					12.95-	110158		12 1.2
Persona 315 1.5 GLSI	[G15B]	09.96-	111309	14	75				
Persona 316 1.6	[4G92]	03.96-	111309	14	75	03.96-	110315		12 0.9
Persona 316 1.6 GLXI	[4G92]	03.96-	111309	14	75				
Persona 318 1.8 GTI 16V	[4G93]	03.96-	111375	14	75				
Persona 413 1.3	[4G13]					01.94-	110315		12 0.9
Persona 413 1.3 GLSI	[4G13]					01.94-	110315		12 0.9
Persona 415 1.5	[4G15]	01.94-	111309	14	75	01.94-	110315		12 0.9
Persona 416 1.6 GLXI	[4G92]	AT 01.94-	111375	14	75	01.94-	110315		12 0.9
	[4G92]	01.94-	111309	14	75				
Persona 416 1.6 i	[4G92]	12.95-	111375	14	75	12.95-	110315		12 0.9
	[4G92]	AT 12.95-	111309	14	75				
Persona 418 1.8		05.96-	111375	14	75				
Persona 418 1.8 GLXI	[4G93]	05.96-	111375	14	75				
Persona 420 2.0 Diesel	[4D68]	09.96-	112081#	14	65	09.96-	110809		12 2.0
	[4D68]					09.96-	111912		12 2.2
Persona 420 2.0 Diesel GLS	[4D68]	05.96-	111375	14	75	05.96-	110809		12 2.0
						05.96-	111912		12 2.2
Saloon 1.5						01.91- 11.96	110315		12 0.9
Satria 1.5	[4G15]	07.00-	111375	14	75				



Wira 1.3		08.00-	111375	14	75				
Wira 1.5	[4G15]	08.00-	111375	14	75				
		08.00-	111375	14	75				
<b>Puch (Steyr-Daimler)</b>									
<b>PASSENGER CARS EU</b>									
230 GE 2.3	[M102.981]					04.82-	08.85	110862	12 1.5
	[M102.987]					09.85-	08.92	110862	12 1.5
250 GD 2.5	[OM602.930]					10.87-	12.92	114319	24 2.5
300 GD 3.0	[OM603.931]					09.89-		114319	24 2.5
G 290 td 2.9	[OM602.983]					07.97-		114319	24 2.5
<b>Renault</b>									
<b>PASSENGER CARS EU</b>									
Alpine 2.5 i Turbo	[Z7U]	01.88-	12.92	111179	14	105	03.85-	12.92	110835 12 1.1
	[Z7U734]	01.88-	12.92	112755	14	90			
		01.85-	12.92	111179	14	105	01.85-	12.92	110835 12 1.1
		01.85-	12.92	112755	14	90			
Alpine 2.7 V6	[PRV112730]						01.76-	12.84	110835 12 1.1
Alpine 2.9	[Z6W]	01.85-	12.92	111179	14	105	01.85-	12.92	110835 12 1.1
		01.85-	12.92	112755	14	90			
Alpine 3.0 Turbo	[Z7X744]						01.91-	12.95	111333 12 1.1
Avantime 2.0 Turbo 16V	[F4R760]	09.01-	12.03	113245	14	125			
	[F4R761]	09.01-	12.03	113245	14	125			
Avantime 2.2 DCI	[G9T112]	12.01-	12.03	113245	14	125	05.02-		112475 12 2.1
Avantime 3.0 V6	[L7X720]	09.01-	12.03	111941#	14	150			
	[L7X721]	09.01-	12.03	111941#	14	150			
Clio 1.1	[C1E700]	06.90-	03.96	111082	14	60	06.90-	03.96	110585 12 1.2
	[D7F720]	03.98-	09.99	112165	14	75	03.98-		111641 12 0.9
	[D7F722]	09.98-		113403	14	75	10.99-		111641 12 0.9
	[C1E700]	06.90-	03.96	112728	14	55			
Clio 1.1 Hi-Flex	[D4F740]	07.08-		114131	14	90			
Clio 1.2	[C3G720]	09.95-	03.96	111082	14	60	01.96-	12.96	110585 12 1.2
	[E7F708]	AC					06.90-	02.98	111251 12 1.1
	[E7F750]	AC					01.94-	02.98	111251 12 1.1
	[E7F706]	06.90-	02.98	111325	14	70	06.90-	02.98	111251 12 1.1
	[D7F730]	04.96-	09.98	112165	14	75	04.96-	09.98	111641 12 0.9
	[D7F710]	09.98-	10.99	112165	14	75	09.98-		111641 12 0.9
	[D7F720]	09.98-		113577	14	75	03.98-		111641 12 0.9
	[D7F726]	09.98-		113577	14	75	10.99-		111641 12 0.9
	[C3G720]	09.95-	03.96	112728	14	55			
	[D7F710]	05.00-		113403	14	75			
		09.98-		113577	14	75			
	[D7F720]	03.98-	09.99	112165	14	75			
	[D7F726]	10.99-	03.00	112165	14	75			
	[D7F730]	01.96-	09.98	113577	14	75			
	[E5F710]						05.90-	03.96	110585 12 1.2
							05.90-	03.96	111251 12 1.1
	[E7F700]						06.90-	02.98	111251 12 1.1
	[E7F706]	01.91-	02.98	112756	14	60			
		AC							
	[E7F708]	06.90-	02.98	111325	14	70			
		06.90-	02.98	112756	14	60			
	[E7F750]	01.94-	02.98	111325	14	70			
		01.94-	02.98	112756	14	60			
Clio 1.2 16V	[D4F712]	06.01-		113403	14	75	06.01-		111641 12 0.9
	[D4F714]	06.01-		113403	14	75	03.00-		111641 12 0.9
	[D4F740]	06.05-		114131	14	90	06.05-		111641 12 0.9
	[D4F764]	02.08-		114131	14	90			
	[D4F784]	05.07-		114131	14	90			
Clio 1.2 i	[C3G720]	09.95-	03.96	112728	14	55	09.95-	03.96	110585 12 1.2
	[C3G720]	09.95-	03.96	111082	14	60			
Clio 1.2 16V Hi-Flex	[D4F740]	07.08-		114131	14	90			
Clio 1.4	[E7J718]	PS 06.91-	02.98	111325	14	70	06.90-	02.98	111251 12 1.1
	[E7J719]	PS 06.91-	02.98	111325	14	70	06.90-	02.98	111251 12 1.1
	[E7J754]	PS 06.90-	06.91	113487#	14	70	06.90-	02.98	111251 12 1.1
	[E7J756]	AC					04.96-	02.98	111251 12 1.1
	[E7J757]	AC					04.96-	02.98	111251 12 1.1
	[E7J780]						09.98-		111251 12 1.1
	[E7J718]	06.90-	02.98	111325	14	70			
		06.90-	02.98	112756	14	60			
		PS 06.90-	06.91	113487#	14	70			
		AC							
	[E7J719]	06.90-	02.98	111325	14	70			
		06.90-	02.98	112756	14	60			
		PS 06.90-	06.91	113487#	14	70			
		AC							
	[E7J754]	06.90-	02.98	111325	14	70			
		06.90-	02.98	112756	14	60			
		PS 06.91-	02.98	111325	14	70			
		AC							
	[E7J756]	04.96-	02.98	111934	14	80			
	[E7J757]	04.96-	02.98	111934	14	80			
	[E7J780]								
Clio 1.4 16V	[K4J712]	AC 10.99-		112144	14	98	10.99-		111251 12 1.1
	[K4J713]	PS 10.99-		112199	14	75	10.99-		111251 12 1.1
	[K4J700]	08.00-		112199	14	75	08.00-		112218 12 1.0
	[K4J712]	PS 10.99-		112199	14	75	10.99-		112218 12 1.0
	[K4J713]	AC 10.99-		112144	14	98	10.99-		112218 12 1.0
	[K4J780]	06.05-		114463	14	120	06.05-		111641 12 0.9
	[K4J700]	08.00-		112144	14	98			
	[K4J712]	10.99-		112199	14	75			
	[K4J713]	10.99-		112199	14	75			
	[K4J780]						02.10-		114057 12
Clio 1.4 i	[E7J601]	06.90-	02.98	111325	14	70	06.90-	02.98	111251 12 1.1
	[E7J710]	06.90-	02.98	112756	14	60	06.90-	02.98	111251 12 1.1
	[E7J711]	06.90-	02.98	113487#	14	70	06.90-	02.98	111251 12 1.1
	[E7J601]	06.90-	02.98	112756	14	60			
		AC							
	[E7J710]	06.90-	02.98	111325	14	70			
		06.90-	02.98	113487#	14	70			
		AC							
	[E7J711]	06.90-	02.98	111325	14	70			
		06.90-	02.98	112756	14	60			
		AC							
Clio 1.5 DCI	[K9K704]	AC 06.01-		113248	14	120	06.01-		113927 12 1.1
	[K9K702]	11.03-		113940	14	110	06.01-		113927 12 1.1
	[K9K700]	AC 06.01-		113248	14	120	06.01-		113927 12 1.1
	[K9K750]	08.10-		114463	14	120	08.10-		113927 12 1.1
	[K9K766]	06.05-		114463	14	120	08.10-		113897 12 1.4
	[K9K752]	05.05-	10.06	114463	14	120	05.05-	10.06	113927 12 1.1
	[K9K768]	06.05-		114463	14	120	08.10-		113897 12 1.4
	[K9K710]	06.01-	10.04	113940	14	110	06.01-	10.04	113927 12 1.1
	[K9K700]	06.05-		114463	14	120			
				112457	14	110			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





RENAULT Continued

Application list

	[K9K702]	06.01-	112457	14	110						
		06.01-	113248	14	120						
	[K9K712]	01.04-	113940	14	110						
		01.04-	113945	14	150						
	[K9K762]	06.05-	114463	14	120						
	[K9K764]	06.05-	114463	14	120						
Clio 1.5 Diesel	[K9K714]	08.04-	113940	14	110						
		08.04-	113945	14	150						
		08.04-	114463	14	120						
Clio 1.6	[K7M744]					03.98-	111251	12	1.1		
		AC 10.99-	112144	14	98	11.99-	112295	12	1.7		
	[K7M745]					03.98-	111251	12	1.1		
		10.99-	112199	14	75	11.99-	112295	12	1.7		
	[K7M744]										
		10.99-	112199	14	75						
	[K7M745]										
		AC 10.99-	112144	14	98						
Clio 1.6 16V	[K4M708]	08.00-	112144	14	98	08.00-	112218	12	1.0		
	[K4M748]	09.98-	112199	14	75	09.98-	112218	12	1.0		
	[K4M708]	08.00-	112199	14	75						
	[K4M748]	09.98-	112144	14	98						
	[K4M800]	06.05-	112144	14	98						
		06.05-	114463	14	120						
	[K4M801]	06.05-	114463	14	120						
	[K4M804]	06.05-	112144	14	98						
		06.05-	114463	14	120						
	[K4M862]					11.08-	114057	12			
Clio 1.6 16V GT						06.09-	114057	12			
Clio 1.7	[F2N770]	ACPS 06.90-	03.96	111326	14	110	06.90-	03.96	110585	12	1.2
	[F2N770]	AC									
Clio 1.8	[F3P754]	ACPS					08.94-	02.98	111251	12	1.1
	[F3P755]	ACPS					08.94-	02.98	111251	12	1.1
	[F3P710]	ACPS 06.90-	01.93	111326	14	110	06.90-	02.98	111251	12	1.1
		ACPS					06.90-	07.94	110585	12	1.2
	[F3P714]	ACPS 06.90-	01.93	111326	14	110	06.90-	07.94	110585	12	1.2
		ACPS					06.90-	03.96	111251	12	1.1
Clio 1.8 RSI	[F3P758]	ACPS					08.94-	02.98	111251	12	1.1
Clio 1.8 16V	[F7P722]					A13 03.91-	02.96	112295	12	1.7	
						08.91-	03.96	110585	12	1.2	
						01.91-	03.96	111251	12	1.1	
						03.91-	02.96	113481	12	1.4	
Clio 1.8 i	[F3P712]	ACPS					01.93-	08.95	110585	12	1.2
	[F3P712]						01.93-	08.95	111251	12	1.1
Clio 1.9 Diesel	[F8Q678]	01.97-	06.97	112696	14	80	01.97-	112295	12	1.7	
		06.97-	02.98	111932#	14	80	01.97-	113481	12	1.4	
	[F8Q730]	06.90-	04.91	112769	14	60	06.90-	02.98	112295	12	1.7
		PS 06.90-	03.96	112795	14	90	06.90-	03.96	113481	12	1.4
		PS 04.94-	02.98	112696	14	80	01.91-	09.98	113789#		
	[F8Q732]	06.90-	04.91	112769	14	60	06.90-	02.98	112295	12	1.7
		PS 06.90-	02.98	112795	14	90	01.91-	09.98	113789#		
		PS 04.94-	02.98	112696	14	80	06.90-	02.98	113481	12	1.4
	[F8Q676]	05.96-	02.98	112695	14	80	05.96-	02.98	113481	12	1.4
	[F8Q696]	05.96-	02.98	112695	14	80	05.96-	02.98	113481	12	1.4
	[F8Q630]	AC 03.98-	112059	14	110	09.98-	112295	12	1.7		
	[F8Q630]	03.98-	111718	14	75	03.98-	113481	12	1.4		
	[F8Q630]	03.98-	112059	14	110						
	[F8Q676]	05.96-	02.98	111932#	14	80					
	[F8Q696]	05.96-	02.98	111932#	14	80					
Clio 1.9 DTI	[F9Q780]	11.99-	111718	14	75	02.00-	112295	12	1.7		
	[F9Q780]	11.99-	112470	14	110						
Clio 2.0 16V	[F4R736]	06.01-	111718	14	75						
		AC 06.01-	112059	14	110						
	[F7R700]					01.94-	09.98	112295	12	1.7	
						07.92-	03.96	113481	12	1.4	
Clio 2.0 16V Sport	[F4R730]	02.00-	112059	14	110						
	[F4R738]	01.04-	111718	14	75						
Clio 3.0 V6 Sport	[L7X760]	11.00-	111944#	14	120						
	[L7X762]	12.02-	111941#	14	150						
Espace 1.9 DCI	[F9Q680]	11.02-	113994	14	155	11.02-	112474	12	1.8		
	[F9Q820]	11.02-	113994	14	155	11.02-	112474	12	1.8		
	[F9Q826]	11.02-	113994	14	155	11.02-	112474	12	1.8		
Espace 1.9 DTI	[F9Q722]	AC 07.00-	112458	14	120	02.99-	111251	12	1.1		
		AC 02.99-	111719	14	120	02.99-	113481	12	1.4		
	[F9Q722]	02.99-	111775	14	120						
Espace 2.0	[J6R734]	10.88-	04.91	111171	14	70	01.88-	04.91	111063	12	1.2
	[J6R234]	07.86-	12.87	111163#	14	60	07.84-	12.87	111063	12	1.2
	[J6R236]	07.86-	09.88	111163#	14	60	07.86-	12.90	111063	12	1.2
	[J7R768]	AC 04.91-	10.96	111319	14	105	04.91-	10.96	111063	12	1.2
	[F3R728]	PS 11.96-	10.00	111722	14	75	11.96-	111251	12	1.1	
	[F3R729]	AC 11.96-	10.00	112679	14	110	11.96-	111251	12	1.1	
	[F3R742]	11.96-	10.00	113403	14	75	11.96-	10.00	111251	12	1.1
	[F3R768]	11.96-	10.00	113403	14	75	11.96-	10.00	111251	12	1.1
	[F3R769]	11.96-	10.00	113403	14	75	11.96-	10.00	111251	12	1.1
	[F3R728]	11.96-	10.00	111513#	14	75					
		AC 11.96-	10.00	112679	14	110					
	[F3R729]	11.96-	10.00	112679	14	110					
		11.96-	10.00	111513#	14	75					
		PS 11.96-	10.00	111722	14	75					
	[F4R700]										
		AC 09.01-	10.02	112144	14	98					
	[F4R790]	11.02-	113994	14	155						
	[F4R791]	11.02-	113994	14	155						
	[F4R796]	04.05-	113994	14	155						
	[F4R797]	04.05-	113994	14	155						
	[F4R897]	04.05-	113994	14	155						
	[J6R234]										
	[J6R236]	10.88-	12.90	111171	14	70					
		AC									
	[J6R734]	01.88-	09.88	111163#	14	60					
		AC									
	[J7R768]	04.91-	10.96	111171	14	70					
		11.02-	02.05	113994	14	155					
Espace 2.0 16V	[F4R700]	10.98-	112144	14	98						
		10.98-	112199	14	75						
		AC 10.98-	111718	14	75						
	[F4R701]										
		AC 07.00-	10.02	112144	14	98					
Espace 2.0 i	[J7R760]	AC				01.89-	04.91	111063	12	1.2	
Espace 2.0 i 4x4	[J7R760]	AC				03.88-	04.91	111063	12	1.2	
	[J7R760]	03.88-	04.91	111171	14	70					
Espace 2.0 Turbo	[F4R794]	11.02-	113994	14	155						
	[F4R795]	11.02-	113994	14	155						
	[F4R797]	11.02-	113994	14	155						
	[F4R896]	06.05-	113994	14	155						
	[F4R897]	06.05-	113994	14	155						



Espace 2.1 TD	[J8S240]	10.84- 12.90	111661#	14	75	10.84- 12.90	111114	12	3.1	
	[J8S774]	06.89- 12.90	111661#	14	75	06.89- 12.90	111114	12	3.1	
	[J8S612]	AC 11.94- 08.96	111319	14	105	11.94-	111114	12	3.1	
	[J8S610]	AC 06.92- 08.96	111319	14	105	06.92- 08.96	111114	12	3.1	
	[J8S772]	01.91- 10.93	111171	14	70	01.91- 10.93	111114	12	3.1	
	[J8S776]	AC 01.91- 08.96	111319	14	105	01.91- 08.96	111114	12	3.1	
	[J8S778]	AC 06.92- 08.96	111319	14	105	06.92- 08.96	111114	12	3.1	
	[J8S612]	11.94- 08.96	111171	14	70					
	[J8S772]	AC 01.91- 10.93	111319	14	105					
	[J8S776]	01.91- 08.96	111171	14	70					
	[J8S778]	AC 06.92- 08.96	111319	14	105					
	Espace 2.2	[J7T772]	01.91- 10.96	111171	14	70	A13 01.91- 10.96	111124	12	2.2
		[J7T773]	AC 01.91- 10.96	111319	14	105	01.91- 10.96	111063	12	1.2
		[J7T776]	05.93- 10.96	111171	14	70	A13 01.91- 10.96	111124	12	2.2
[J7T770]		10.88- 12.90	111171	14	70	A13 05.93- 10.96	111124	12	2.2	
[J7T770]		07.86- 09.88	111163#	14	60	05.93- 10.96	111063	12	1.2	
[J7T770]		07.86- 09.88	111163#	14	60	07.86- 12.90	111063	12	1.2	
Espace 2.2 4x4	[J7T772]	03.91- 12.96	111171	14	70	03.91- 12.96	111124	12	2.2	
	[J7T773]	AC 03.91- 12.96	111319	14	105	03.91- 12.96	111063	12	1.2	
	[J7T770]	03.91- 12.96	111171	14	70	03.91- 12.96	111124	12	2.2	
	[J7T770]	AC 03.91- 12.96	111319	14	105	03.91- 12.96	111063	12	1.2	
Espace 2.2 DCI	[G9T642]	10.00-	112471	14	125	10.00-	111905#	12	2.2	
	[G9T710]	10.00-	113245	14	125	10.00-	112475	12	2.1	
	[G9T742]	11.02-	113994	14	155	10.00-	111905#	12	2.2	
	[G9T743]	11.02-	113994	14	155					
Espace 2.2 TD	[G8T714]	11.96- 10.02	112679	14	110	11.96- 10.02	111905#	12	2.2	
	[G8T716]	11.96- 10.02	112715#	14	80	11.96- 10.02	111905#	12	2.2	
	[G8T714]	11.96- 10.02	111511#	14	75					
	[G8T716]	11.96- 10.02	112715#	14	80					
Espace 2.8 V6	[Z7W712]	AC 01.91- 08.96	111179	14	105	01.91- 08.96	110835	12	1.1	
	[Z7W713]	01.91- 08.96	112755	14	90	01.91- 08.96	110835	12	1.1	
	[Z7W712]	01.91- 08.96	112755	14	90					
	[Z7W713]	AC 01.91- 08.96	111179	14	105					
	[Z7W717]					01.91- 10.96	111333	12	1.1	
Espace 3.0	[Z7X775]	AC 11.96-	112682	14	110	11.96-	111333	12	1.1	
	[Z7X775]									
Espace 3.0 V6 24V	[L7X727]	10.98-	111944#	14	120					
Fluence 1.5 DCI	[K9K830]					02.10-	113897	12	1.4	
	[K9K832]					06.05-	113897	12	1.4	
	[K9K834]					02.10-	113897	12	1.4	
	[K9K836]					02.10-	113897	12	1.4	
Fluence 1.6 16V	[K4M838]	02.10-	114463	14	120					
Fuego 1.4	[847720]	02.80- 10.85	110754#	14	55	02.80- 10.85	111064	12	1.05	
	[843723]					10.81- 06.85	110856	12	0.6	
Fuego 1.6	[843723]	10.80- 10.85	110754#	14	55	10.80- 10.85	110830	12	1.0	
	[843724]					10.80- 10.85	111110	12	1.0	
	[A6M725]	10.80- 10.85	110754#	14	55	10.80- 10.85	110830	12	1.0	
	[A6M726]					10.80- 10.85	111110	12	1.0	
	[A2M723]	04.83- 10.85	111082	14	60	10.80- 10.85	110830	12	1.0	
	[A2M723]	04.83- 10.85	110754#	14	55	10.82- 05.83	110830	12	1.0	
	[A2M723]					10.82- 05.83	111110	12	1.0	
Fuego 1.6 Turbo	[A5L750]					09.83- 10.85	110830	12	1.0	
	[A5L750]					09.83- 10.85	111110	12	1.0	
Fuego 2.0	[829710]					10.80- 10.85	111124	12	2.2	
	[J6R710]					10.80- 10.85	111063	12	1.2	
	[J6R712]					10.80- 10.85	111124	12	2.2	
	[J6R713]					10.80- 10.85	111124	12	2.2	
	[J6R715]					10.80- 10.85	111063	12	1.2	
	[J6R726]					10.80- 10.85	111063	12	1.2	
	[829710]					10.80- 10.85	111063	12	1.2	
	[J6R710]					10.80- 10.85	111124	12	2.2	
	[J6R712]					10.80- 10.85	111063	12	1.2	
	[J6R713]					10.80- 10.85	111063	12	1.2	
[J6R715]					10.80- 10.85	111124	12	2.2		
Fuego 2.1 TD	[J8S712]					10.80- 10.85	111124	12	2.2	
Grand Scéic 1.5 DCI	[K9K728]	04.04-	113940	14	110	08.82- 10.85	111114	12	3.1	
	[K9K729]	04.04-	113945	14	150					
	[K9K729]	08.07-	114354	14	150					
	[K9K830]	04.04-	113940	14	110					
	[K9K832]	04.04-	113945	14	150					
	[K9K836]					04.09-	113897	12	1.4	
	[K9K832]	02.09-	113940	14	110					
[K9K832]	02.09-	113945	14	150						
Grand Scéic 1.6	[K4M761]	04.04-	113945	14	150	04.09-	113897	12	1.4	
	[K4M782]	04.04-	113940	14	110	04.04-	113932	12	0.85	
	[K4M782]	04.04-	113945	14	150	04.04-	113255	12	0.85	
	[K4M788]	06.06-	113945	14	150	06.06-	113932	12	0.85	
	[K4M761]	04.04-	113940	14	110					
	[K4M788]	06.06-	113940	14	110					
Grand Scéic 1.9 DCI	[F9Q812]	04.04-	113994	14	155	04.04-	112474	12	1.8	
	[F9Q804]	05.05-	113945	14	150					
	[F9Q812]	04.04-	113919	14	125					
	[F9Q814]	05.05-	113919	14	125					
	[F9Q814]	05.05-	113994	14	155					
Grand Scéic 2.0	[F4R770]	04.04-	113919	14	125					
	[F4R771]	04.04-	114039	14	120					
	[F4R771]	04.04-	113919	14	125					
	[F4R776]	04.04-	114039	14	120					
Kangoo 1.2	[D7F710]	10.97-	112165	14	75	10.97- 04.98	111641	12	0.9	
	[D7F720]	03.98-	113403	14	75	03.98-	111641	12	0.9	
	[D7F722]	03.98-	113403	14	75	03.98-	111641	12	0.9	
	[D7F726]	03.98-	113403	14	75	03.98-	111641	12	0.9	
	[D7F744]	03.98-	113403	14	75	03.98-	111641	12	0.9	
	[D7F746]	03.98-	113403	14	75	03.98-	111641	12	0.9	
	[D7F746]	03.98-	113577	14	75					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**RENAULT** *Continued*

Kangoo 1.2 Express	[D7F710]	10.97-03.98	112165 113577	14 14	75 75	BO	10.97-	111641	12	0.9
	[D7F720]	03.98-	113403	14	75		03.98-	111641	12	0.9
	[D7F722]	03.98-	113403	14	75		03.98-	111641	12	0.9
	[D7F726]	03.98-	113403	14	75		03.98-	111641	12	0.9
	[D7F744]	03.98-	113403	14	75		03.98-	111641	12	0.9
	[D7F746]	03.98-	113403	14	75		03.98-	111641	12	0.9
Kangoo 1.2 16V	[D4F712]	06.01-	113403	14	75		06.01-	111641	12	0.9
	[D4F714]	06.01-	113403	14	75		05.00-	111641	12	0.9
	[D4F716]	06.01-	113403	14	75		05.00-	111641	12	0.9
Kangoo 1.2 16V Express	[D4F712]	10.01-	113403	14	75		10.01-	111641	12	0.9
	[D4F714]	10.01-	113403	14	75		05.00-	111641	12	0.9
Kangoo 1.4	[E7J634]	09.98-	112199	14	75		03.98-	111251	12	1.1
	[E7J635]	AC 09.98-	112144	14	98		03.98-	111251	12	1.1
	[E7J780]	03.98-	112199	14	75		03.98-	111251	12	1.1
	[E7J780]	AC 09.98-	112144	14	98		03.98-	111251	12	1.1
	[K7J700]	AC 06.00-	112199	14	75		03.98-	111251	12	1.1
	[K7J701]	AC 06.00-	112144	14	98		03.98-	111251	12	1.1
Kangoo 1.4 Express	[E7J634]	09.98-	112199	14	75		03.98-	111251	12	1.1
	[E7J635]	AC 09.98-	112144	14	98		03.98-	111251	12	1.1
	[E7J780]	09.98-	112199	14	75		03.98-	111251	12	1.1
	[E7J780]	AC 09.98-	112144	14	98		03.98-	111251	12	1.1
	[K7J701]	AC 06.00-	112199	14	75		03.98-	111251	12	1.1
	[K7J701]	AC 06.00-	112144	14	98		03.98-	111251	12	1.1
Kangoo 1.5 DCi	[K9K702]	02.01-	113248	14	120		07.02-	113927	12	1.1
	[K9K710]	AC 02.01-	113248	14	120		07.02-	113927	12	1.1
	[K9K700]	AC 05.00-	113248	14	120		12.01-	113927	12	1.1
	[K9K704]	07.03-	113862	14	125		12.01-	113927	12	1.1
	[K9K704]	AC 05.00-	113248	14	120					
	[K9K714]	06.05-	113862	14	125					
	[K9K718]	06.05-	113862	14	125					
	[K9K812]						06.09-	113897	12	1.4
	[K9K800]						06.09-	113897	12	1.4
	[K9K700]	AC 05.00-	113248	14	120		12.01-	113927	12	1.1
Kangoo 1.5 DCi Express	[K9K702]	02.01-	113248	14	120		04.03-	113927	12	1.1
	[K9K710]	AC 02.01-	113248	14	120		04.03-	113927	12	1.1
	[K9K704]	AC 05.00-	113248	14	120		12.02-	113927	12	1.1
	[K9K714]	06.05-	113862	14	125					
	[K9K718]	06.05-	112457	14	110					
	[K9K718]	06.05-	113862	14	125					
Kangoo 1.6 DCi Be Bop	[K4M]					02.09-	113932	12	0.85	
Kangoo 1.6 16V	[K4M752]	09.01-	112199	14	75		09.01-	112218	12	1.0
	[K4M750]						09.01-	112218	12	1.0
	[K4M753]						09.01-	112218	12	1.0
	[K4M830]						02.08-	113932	12	0.85
	[K4M750]	PS 10.01-	112199	14	75		09.01-	112218	12	1.0
	[K4M752]	PS 10.01-	112199	14	75		09.01-	112218	12	1.0
Kangoo 1.6 16V 4x4	[K4M753]	PS 10.01-	112199	14	75		09.01-	112218	12	1.0
	[K4M750]	AC 10.01-	112144	14	98					
	[K4M752]	AC 10.01-	112144	14	98					
	[K4M753]	AC 10.01-	112144	14	98					
	[K4M752]	AC 10.01-	112144	14	98					
	[K4M753]	AC 10.01-	112144	14	98					
Kangoo 1.6 16V Express	[K4M752]	02.01-	112199	14	75		09.01-	112218	12	1.0
	[K4M752]	AC 02.01-	112144	14	98					
	[K4M830]						02.08-	113932	12	0.85
Kangoo 1.6 16V Express 4x4	[K4M750]	PS 10.01-	112199	14	75		06.00-	112218	12	1.0
	[K4M752]	AC 10.01-	112144	14	98					
	[K4M752]	PS 10.01-	112199	14	75		06.00-	112218	12	1.0
	[K4M753]	AC 10.01-	112144	14	98					
	[K4M753]	PS 10.01-	112199	14	75		09.01-	112218	12	1.0
	[K4M753]	AC 10.01-	112144	14	98					
Kangoo 1.6 16V Express LPG	[K4M834]						02.08-	113932	12	0.85
	[K4M830]						02.08-	113932	12	0.85
Kangoo 1.6 16V Hi-Flex Hi-Flex	[F9Q782]	AC					10.01-	113930	12	1.4
	[F9Q790]						10.01-	113930	12	1.4
	[F9Q790]						10.03-	113929	12	1.2
Kangoo 1.9 DCi Express	[F9Q790]						07.03-	112295	12	1.7
	[F9Q]						07.03-	113930	12	1.4
Kangoo 1.9 DCi Express 4x4	[F9Q782]						10.01-	113929	12	1.2
	[F9Q782]						10.01-	113930	12	1.4
	[F9Q790]						10.01-	113929	12	1.2
	[F9Q790]						10.01-	113930	12	1.4
Kangoo 1.9 Diesel	[F8Q630]	08.97-09.97-03.98-	112059 111718 112470	14 14 14	110 75 110		10.97-10.97-	113481 112295	12 12	1.4 1.7
	[F8Q632]	AC 09.97-	112059	14	110		03.98-	112295	12	1.7
	[F8Q662]	08.97-09.97-03.98-	112059 111718 112470	14 14 14	110 75 110		10.97-10.97-	112295 113481	12 12	1.7 1.4
	[F8Q632]	AC 09.97-	112059	14	110		03.98-	112295	12	1.7
	[F8Q662]	09.97-03.98-	111718 112470	14 14	75 110		10.97-10.97-	112295 113481	12 12	1.7 1.4
	[F8Q662]	AC 09.97-	112059	14	110		03.98-	112295	12	1.7
Kangoo 1.9 Diesel Express	[F8Q630]	09.97-03.98-	111718 112470	14 14	75 110		10.97-10.97-	112295 113481	12 12	1.7 1.4
	[F8Q632]	AC 09.97-	112059	14	110		03.98-	112295	12	1.7
	[F8Q662]	09.97-03.98-	111718 112470	14 14	75 110		10.97-10.97-	112295 113481	12 12	1.7 1.4
	[F8Q662]	AC 09.97-	112059	14	110		03.98-	112295	12	1.7
	[F8Q662]	09.97-03.98-	111718 112470	14 14	75 110		10.97-10.97-	112295 113481	12 12	1.7 1.4
	[F8Q662]	AC 09.97-	112059	14	110		03.98-	112295	12	1.7
Kangoo 1.9 DTI	[F9Q780]	02.00-	112470	14	110		02.00-02.00-	112295 113481	12 12	1.7 1.4
	[F9Q780]	02.00-AC 02.00-	111718 112059	14 14	75 110					
	[F9Q780]	02.00-02.00-	111718 112470	14 14	75 110		02.00-02.00-	112295 113481	12 12	1.7 1.4
Kangoo 1.9 DTI Express	[F9Q780]	02.00-02.00-	111718 112470	14 14	75 110		02.00-02.00-	112295 113481	12 12	1.7 1.4
	[F9Q782]	AC 02.00-	112059	14	110		02.00-02.00-	112295 113929	12 12	1.7 1.2
	[F9Q782]						02.00-02.00-	112218 112218	12 12	1.0 1.0
Laguna 1.6 16V	[K4M720]	11.97-	112144	14	98		11.97-	112218	12	1.0
	[K4M724]	AC 05.98-02.01	112144	14	98		11.97-02.01	112218	12	1.0
	[K4M710]	03.01-	112144	14	98		03.01-	112218	12	1.0
	[K4M716]						01.05-02.05-	113255 113932	12 12	0.85 0.85
	[K4M710]	03.01-AC 03.01-	112470 112144	14 14	110 98					
	[K4M720]	11.97-AC 11.97-	112199 112144	14 14	75 98					



Laguna 1.8	[F3P670]	09.95- AC 09.95- 04.98	111722 112679	14 14	75 110	A27 A28, A27	09.95- A13 09.95-	111251 113481	12 12	1.1 1.4
	[F3P678]	01.94- 11.95 AC 01.94- 11.95	111511# 112679	14 14	75 110	A28 A28, A27	01.94- A13 01.94-	111251 113481	12 12	1.1 1.4
	[F3P720]	11.93- 11.95 AC 11.93- 11.95	111511# 112679	14 14	75 110		A13 11.93- 11.95 11.93- 11.95	113481 111251	12 12	1.4 1.1
	[F3P724]	11.93- 01.96 05.95- 04.98	111511# 111513#	14 14	75 75	A28 A28	A13 11.93- 11.93-	113481 111251	12 12	1.4 1.1
	[F3P670]	09.95- 04.98	111513#	14	75	A28				
	[F3P720]	11.95-	111722	14	75					
	[F3P724]	05.95- AC 11.93- 04.98	111722 112679	14 14	75 110	A27 A28, A27				
	[F3P670]	08.95- AC 08.95- 04.98	111722 112679	14 14	75 110	A27 A28, A27	A13 08.95-	111251 113481	12 12	1.1 1.4
	[F3P678]	01.94- 01.96 AC 01.94- 01.96	111511# 112679	14 14	75 110	A28 A28, A27	01.94- A13 01.94-	111251 113481	12 12	1.1 1.4
	[F3P720]	01.94- AC 01.94-	111511# 112679	14 14	75 110		01.94- A13 01.94-	111251 113481	12 12	1.1 1.4
[F3P724]	01.94- AC 01.94-	111511# 112679	14 14	75 110		01.94- A13 01.94-	111251 113481	12 12	1.1 1.4	
[F3P670]	08.95- 04.98	111513#	14	75	A28					
[F4P773]	03.01- 08.02	113249	14	125		03.01-	113761	12	0.9	
[F4P775]	03.01- 08.02	113249	14	125		03.01-	113761	12	0.9	
[F4P774]	03.01- 08.02	113249	14	125		03.01-	113761	12	0.9	
[F4P771]	03.01- 08.02	113249	14	125		03.01-	113761	12	0.9	
[F4P770]	03.01-	113245	14	125		03.01-	113761	12	0.9	
[F4P760]	04.98- 04.98- 04.98- AC 04.98-	111718 112144 112470 112144	14 14 14 14	75 98 110 98						
[F4P770]	03.01- 03.01- 03.01- 03.01- 03.01- AC 03.01-	111718 112144 112470 112471 113249 113249	14 14 14 14 14 14	75 98 110 125 125 125						
[F4P771]	09.02-	113245	14	125						
[F4P773]	03.01- 03.01- AC 03.01-	112471 113245 113249	14 14 14	125 125 125						
[F4P774]	09.02-	113245	14	125						
[F4P775]	09.02-	113245	14	125						
[F9Q752]	AC 06.01-	114353	14	150		06.01-	112474	12	1.8	
[F9Q670]	03.01-	112471	14	125		03.01-	112474	12	1.8	
[F9Q750]	03.01-	113248	14	120		03.01-	112474	12	1.8	
[F9Q718]	09.99- 03.01	113248	14	120		09.99-	112474	12	1.8	
[F9Q674]						01.05-	112474	12	1.8	
[F9Q756]	03.01-	113248	14	120		03.01-	112474	12	1.8	
[F9Q754]	03.01-	114353	14	150		03.01-	112474	12	1.8	
[F9Q670]	03.01-	113248	14	120						
[F9Q718]	03.01- 09.99- 09.99-	114353 112458 112471	14 14 14	150 120 125						
[F9Q750]	03.01-	112471	14	125						
[F9Q752]	03.01- 06.01-	113248 112471	14 14	120 125						
[F9Q754]	03.01- 10.01- AC 10.01-	113248 112471 114353	14 14 14	120 125 150						
[F9Q756]	03.01-	112471	14	125						
[F9Q710]						10.97- 03.01	112295	12	1.7	
[F9Q716]	10.97- AC 10.97-	111775 111719	14 14	120 120		10.97- 03.01 10.97-	112295 113481	12 12	1.7 1.4	
[F9Q710]	AC 09.99- 02.01	112458	14	120						
[F3R611]	01.99- 02.01	112679	14	110		A13 01.99-	113481	12	1.4	
[F3R722]	07.95- 02.01 AC 11.93- 02.01	111722 112679	14 14	75 110	A27 A27, A28	A13 11.93- 11.93-	113481 111251	12 12	1.4 1.1	
[F3R723]	07.95- 02.01 AC 11.93- 02.01	111722 112679	14 14	75 110	A27 A28, A27	A13 11.93- 11.93-	113481 111251	12 12	1.4 1.1	
[F3R611]						01.99-	111251	12	1.1	
[F3R722]	11.93- 01.96 02.95- 05.97	111511# 111513#	14 14	75 75	A28 A28					
[F3R723]	11.93- 01.96 02.95- 05.97	111511# 111513#	14 14	75 75	A28 A28					
[F4R715]	A22 06.01- 08.02	113245	14	125		09.01-	113761	12	0.9	
[F4R712]	A22 06.01- 08.02 A22 09.02-	113245 113249	14 14	125 125						
[F4R713]	09.02- A22 06.01- 08.02 A22 09.02-	113249 113245 113249	14 14 14	125 125 125						
[F4R714]	08.02- A22 06.01- 08.02 A22 09.02-	113837 113245 113249	14 14 14	150 125 125						
[F4R715]	A22 09.02-	113249	14	125						
[F4R780]	09.99- 02.01 09.99- 02.01 09.99- 02.01 AC 09.99- 02.01	111718 112144 112470 112144	14 14 14 14	75 98 110 98						
[F4R784]	01.05-	113837	14	150						
[F4R886]	01.05-	113837	14	150						
[N7O700]	06.95- 02.01 06.95- 02.01 AC 09.99- 03.01	111734 112557 112144	14 14 14	120 120 98						
[N7O704]	06.95- 02.01 06.95- 02.01	111734 112557	14 14	120 120						
[F5R700]	04.01-	113245	14	125						
[F4R764]	07.02- 01.03-	113245 114122	14 14	125 150						
[F4R765]	07.02- 01.03-	113245 114122	14 14	125 150						
[F4R786]	01.03-	113837	14	150						
[F4R787]	01.03-	113837	14	150						
[G9T702]	10.01-	114122	14	150		10.01-	112475	12	2.1	
[G9T600]	05.05-	114122	14	150						
[G9T605]	05.05-	114122	14	150						
[G9T702]	03.01- 02.03	113245	14	125						
[G9T706]	05.05-	114122	14	150						
[G9T707]	05.05-	114122	14	150						
[G8T760]	03.96-	112715#	14	80		03.96-	111905#	12	2.2	
[G8T706]	11.93- 11.95 AC	111520#	14	80						
[G8T752]	11.93- 02.94- 09.95- AC 11.93-	111511# 112679 112715# 112679	14 14 14 14	75 110 80 110	A28 A28, A27 A27					
[G8T760]	03.96-	112679	14	110						
[G8T790]	11.93- 11.95 AC	111520#	14	80						

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

RENAULT Continued

	[G8T794]	11.93- 02.94- 09.95- AC 11.93- 03.96- 11.93- 03.96- 11.93- 03.96- 11.93- 03.97- 03.01 03.97- 03.01 03.97- 03.01 03.01-	111511# 112679 112715# 112679 112679 112682 112682 111941# 111944# 111941# 111944#	14 75 14 110 14 80 14 110 14 110 14 110 14 150 14 120 14 150 14 120	A28 A27, A28 A27				
Laguna 2.2 TD	[G8T760]	03.96- 11.93- 01.94-	112679 112682 112682	14 110 14 110 14 110		03.96-	111905#	12	2.2
Laguna 3.0	[Z7X760] [Z7X765] [Z7X760] [Z7X765]					11.93- 01.94-	111333 111333	12	1.1 1.1
Laguna 3.0 24V	[L7X700]	AC 11.93- AC 01.94- 03.97- 03.01 03.97- 03.01 03.97- 03.01	112682 112682 111941# 111944# 111941#	14 110 14 110 14 150 14 120 14 150					
Laguna 3.0 V6 24V	[L7X731]	03.01-	111944#	14 120					
Latitude 2.0 DCI	[M9R8...]					05.11-	114074	12	2.2
Latitude 2.0 DCI 150	[M9R824]					02.11-	114074	12	2.2
Logan 1.5 DCI	[K9K796] [K9K796]	02.08- 02.08-	113940 113862	14 110 14 125		02.08-	113897	12	1.4
Logan 1.6	[K4M690]					04.07-	113932	12	0.85
Logan 1.6 MCV	[K4M690]					04.07-	113932	12	0.85
Master 1.9 DCI 80	[F9Q772] [F9Q774]	11.01- AC 11.01- 11.01- AC 11.01-	113248 112471 113248 112471	14 120 14 125 14 120 14 125		11.01- 11.01-	112474 112474	12	1.8 1.8
Master 1.9 DTi	[F9Q770]					09.00-	113256#	12	1.8
Master 2.2 DCI 90	[G9T750] [G9T722] [G9T720] [G9T720] [G9T722] [G9T750]	09.00- 09.00- AC 09.00- 09.00- AC 09.00- AC 09.00-	113248 113248 112471 113248 112471 112471	14 120 14 120 14 125 14 120 14 125 14 125		09.00- 09.00- 09.00- 09.00-	112475 112475 112475 112475	12	2.1 2.1 2.1 2.1
Master 2.3 DCI	[M9T680] [M9T670] [M9T676] [M9T698] [M9T690] [M9T692]					02.10- 02.10- 02.10- 02.10- 02.10- 02.10-	114074 114074 114074 114074 114074 114074	12	2.2 2.2 2.2 2.2 2.2 2.2
Master 2.5 DCI	[G9U632] [G9U650] [G9U754]	08.06- 08.06- 08.06-	113837 113837 113837	14 150 14 150 14 150					
Master 2.5 DCI 100	[G9U754] [G9U754]	10.03- 10.03-	114122 113837	14 150 14 150		10.03-	112475	12	2.1
Master 2.5 DCI 120	[G9U754]	10.01- 10.01-	113837 114122	14 150 14 150					
Master 2.5 DCI 90	[G9U720]	10.01- 10.01- AC 10.01-	113248 113837 113245	14 120 14 150 14 125		10.01-	112475	12	2.1
Master 2.5 Diesel	[S8U770]	09.97- 09.97-	111937 112057	14 75 14 110		07.98-	112103	12	2.2
Master 2.8 Diesel	[S9W702]	09.97- 09.97-	111937 112057	14 75 14 110		07.98-	112103	12	2.2
Master 2.8 DTi	[S9W702]	09.97- 09.97-	111937 112057	14 75 14 110		09.97-	112103	12	2.2
Master 3.0 DCI	[ZD3] [ZD3200] [ZD3202]	06.05- 10.03- 10.03-	113993 113993 113993	14 135 14 135 14 135		06.05- 10.03- 10.03-	114032 114032 114032	12	2.5 2.5 2.5
Master 28-35 2.0	[829730] [829731] [J5R718] [J5R728]	10.82- 09.86 08.80- 10.86 10.86- 07.98 10.86- 07.98	110744# 110744# 110744# 110744#	14 50 14 50 14 50 14 50		10.82- 09.86 08.80- 10.86 10.86- 09.94 10.86- 09.94	111063 111063 111063 111063	12	1.2 1.2 1.2 1.2
Master 28-35 2.1 Diesel	[J8S330]	08.80- 07.98	111072	14 50		08.80- 09.94	111114	12	3.1
Master 28-35 2.4 Diesel	[8140.61.2300] [S8U731]	08.80- 08.89 08.80- 08.89	110889 110889	14 75 14 75		08.80- 08.89 01.85- 08.89 08.80- 08.89 01.85- 08.89	110814 113134 110814 113134	12	2.7 2.2 2.7 2.2
Master 28-35 2.5 Diesel	[8140.61.2300] [S8U731] [8140.67.2510] [S8U742] [8140.61.2300] [S8U731]	09.80- 07.98 09.80- 07.98 08.89- 07.98 08.89- 07.98 09.80- 07.98 09.80- 07.98	110889 110889 110889 110889 110814 110814	14 75 14 75 14 75 14 75 14 75 14 75		09.80- 07.98 01.85- 07.98 08.89- 07.98 08.89- 07.98 01.85- 07.98 09.80- 07.98	113134 113134 113134 113134 113134 110814	12	2.2 2.2 2.2 2.2 2.2 2.7
Master 28-35 2.5 TD	[8140.27.2580] [S9U702] [8140.27.2580] [S9U702]	03.89- 07.98 03.89- 07.98 03.89- 07.98 03.89- 07.98	110889 110889 11163# 110889	14 75 14 75 14 60 14 75		08.80- 07.98 01.85- 07.98 08.80- 07.98 08.89- 07.98	111063 111063 111063 113134	12	1.2 1.2 1.2 2.2
Master 30 2.2	[J7T782] [J7T788]	08.80- 07.98 01.94- 07.98	11163# 11163#	14 60 14 60		08.80- 07.98 01.94- 09.94	111063 111063	12	1.2 1.2
Master 35 2.5 TD	[8140.27.2500] [8140.27.2510] [S9U714] [8140.27.2500] [8140.27.2510]	08.89- 07.98 08.89- 07.98 08.89- 07.98 08.89- 07.98 08.89- 07.98	110889 110889 110889 110889 110889	14 75 14 75 14 75 14 75 14 75		08.89- 07.98 08.89- 07.98 08.89- 07.98 08.89- 07.98 08.89- 07.98	113134 113134 113134 113134 113134	12	2.2 2.2 2.2 2.2 2.2
Megane 1.4	[S9U714] [E7J626] [E7J764] [E7J626] [E7J764] [K4J730] [K4J732] [K4J740] [K4J740]	08.89- 07.98 AC 03.99- 10.02 09.96- 06.97 06.97- 03.99- 10.02 AC 09.96- 06.97 AC 08.03- 08.03- 09.03- 08.03- 08.03-	110889 112144 112695 111934 112199 111512 113940 113945 113940 113940 113945 113945	14 75 14 98 14 80 14 80 14 75 14 110 14 110 14 150 14 110 14 150		09.99- 02.99- 09.96- 09.03- 09.03- 09.03- 09.03- 09.03- 09.03- 09.03- 09.03- 09.03-	113481 113481 111251 113255 113932 113255 113932 113255 113932 113255 113932	12	1.4 1.4 1.1 0.85 0.85 0.85 0.85 0.85
Megane 1.4 ECO	[E7J624]	02.96- 06.97 06.97- AC 02.96- 06.97	112695 111934 111512	14 80 14 80 14 110		02.96-	111251	12	1.1
Megane 1.4 16V	[K4J714] [K4J714] [K4J750] [K4J730] [K4J740] [K4J740] [K4J750] [K4J714] [K4J730] [K4J732] [K4J740] [K4J750]	05.00- 09.03 AC 05.00- 09.03 A22 03.99- 11.02- 11.02- 11.02- 11.02- AC 03.99- 11.02- 11.02- 10.03- 03.99- 03.99-	112199 112144 112144 113940 113945 113940 113945 112144 113940 113945 113940 112144 112144	14 75 14 98 14 98 14 110 14 150 14 110 14 150 14 98 14 110 14 150 14 110 14 110		03.99- 03.99- 09.03 03.99- 11.02- 11.02- 11.02- 11.02- 03.99- 03.99- 03.99- 10.03- 11.02- 03.99- 03.99-	113255 112218 112218 113255 113932 112218 113932 113255 113932 113255 113932 113255 113255 113255 113255	12	1.0 1.0 1.0 0.85 1.0 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.85



Megane 1.4 i	[E7J764]	AC 01.96- 06.97	111512	14	110		01.96-	111251	12	1.1
	[E7J626]	06.97-	111934	14	80		03.99-	113753	12	0.9
	[E7J626]	AC 01.96- 10.02	112144	14	98		01.97- 10.02	111251	12	1.1
	[E7J626]	01.97- 06.97	112695	14	80					
		AC 01.97- 06.97	111512	14	110					
	[E7J764]	AC								
Megane 1.5 DCi	[K9K722]	11.02-	113945	14	150		11.02-	113927	12	1.1
	[K9K722]	11.02-	113940	14	110					
	[K9K724]	09.03-	114354	14	150					
	[K9K724]	05.05-	113940	14	110					
	[K9K728]	05.05-	114354	14	150					
	[K9K729]	02.04-	114354	14	150					
		10.03-	113940	14	110					
		10.03-	113945	14	150					
		10.03-	114354	14	150	BO				
	[K9K732]	10.03-	113940	14	110		02.04-	113841	12	1.7
		10.03-	113945	14	150					
		10.03-	114354	14	150	BO				
	[K9K734]	05.05-	114354	14	150					
	[K9K830]					11.08-	113897	12	1.4	
Megane 1.6	[K7M702]	AC			A27		10.96- 09.03	111251	12	1.1
	[K7M703]	AC			A27		10.96- 09.03	111251	12	1.1
	[K4M760]	08.03-	113940	14	110		08.03-	113932	12	0.85
		08.03-	113945	14	150		09.03-	113255	12	1.1
	[K4M761]	08.03-	113940	14	110		08.03-	113932	12	0.85
		08.03-	113945	14	150					
	[K4M762]						05.05-	113932	12	0.85
	[K7M702]	10.96- 03.99	112695	14	80	A28				
		06.97- 03.99	111934	14	80	A27				
		AC 10.96- 03.99	111512	14	110	A28				
	[K7M703]	10.96- 03.99	112695	14	80	A28				
		06.97- 03.99	111934	14	80	A27				
	AC 10.96- 03.99	111512	14	110	A28					
Megane 1.6 E	[K7M790]						01.96- 03.99	111251	12	1.1
	[K7M703]	AC 01.96- 02.99	111512	14	110	A28	01.96- 03.99	111251	12	1.1
	[K7M702]	ACPS			A27		01.96- 03.99	111251	12	1.1
	[K7M702]	01.96- 03.99	111934	14	80	A27	01.96-	112218	12	1.0
		01.96- 02.99	112695	14	80	A28				
		AC 01.96- 02.99	111512	14	110	A28				
		AC				A27				
		AC 03.99-	111934	14	80	A27				
	[K7M703]	01.96- 03.99	111934	14	80	A27				
		01.96- 02.99	112695	14	80	A28				
		ACPS				A27				
		AC				A27				
	AC 03.99-	111934	14	80	A27					
Megane 1.6 16V Flex-Fuel	[K4M856]						02.08-	113932	12	0.85
	[K4M701]	08.98- 09.03	112199	14	75		08.98- 09.03	112218	12	1.0
Megane 1.6 16V	[K4M760]	11.02-	113940	14	110		11.02-	112218	12	1.0
	[K4M708]	03.99- 09.03	112199	14	75		03.99- 09.03	112218	12	1.0
	[K4M760]	11.02-	113945	14	150		11.02-	113932	12	0.85
	[K4M704]	03.99- 10.02	112199	14	75		03.99- 10.02	112218	12	1.0
	[K4M768]						01.07-	113932	12	0.85
	[K4M848]						11.08-	113932	12	0.85
	[K4M700]	03.99-	112199	14	75		03.99-	112218	12	1.0
	[K4M812]						05.05-	113932	12	0.85
	[K4M700]	03.99-	112144	14	98					
		AC 03.99-	112144	14	98					
		A22 03.99-	112144	14	98					
	[K4M701]	AC 08.98- 09.03	112144	14	98					
	[K4M704]	AC 03.99- 10.02	112144	14	98					
	[K4M708]	AC 03.99- 09.03	112144	14	98					
	[K4M760]						11.02-	113255		
	[K4M761]						01.07-	113932	12	0.85
	[K4M788]						01.07-	113932	12	0.85
	[K4M813]						01.07-	113932	12	0.85
	[K4M856]						01.07-	113932	12	0.85
	Megane 1.6 Flex-Fuel	[K4M856]						01.07-	113932	12
[K4M856]							01.07-	113932	12	0.85
Megane 1.6 i	[K7M720]						01.96- 03.99	111251	12	1.1
		01.96- 03.99	112695	14	80					
		06.97- 03.99	111934	14	80					
	AC 11.95- 08.97	111512	14	110						
	AC									
Megane 1.8 16V	[F4P722]	AC 03.99- 10.02	112144	14	98		01.01-	113761	12	0.9
	[F4P720]	05.00- 09.03	112144	14	98		01.01-	113761	12	0.9
	[F4P720]	AC 03.99- 10.02	112144	14	98					
	[F4P722]	05.00- 09.03	112144	14	98					
Megane 1.9 DCi	[F9Q732]						03.99- 07.03	113930	12	1.4
	[F9Q733]	02.01-	113260				02.01-	113930	12	1.4
	[F9Q750]	11.02-	113994	14	155		11.02-	112474	12	1.8
	[F9Q808]	11.02- 12.05	113919	14	125		10.03-	112474	12	1.8
	[F9Q804]	05.05-	113994	14	155		05.05-	112474	12	1.8
	[F9Q732]	02.01- 10.02	112470	14	110		02.01-	113929	12	1.2
	[F9Q738]	02.01-	113260				02.01-	113930	12	1.4
	[F9Q800]	08.03-	113994	14	155		09.03-	112474	12	1.8
	[F9Q732]	02.01- 10.02	111718	14	75					
		02.01-	113260							
		AC 02.01- 10.02	112458	14	120					
	[F9Q733]	05.00- 10.02	112458	14	120					
		AC 02.01-	112458	14	120					
	[F9Q738]	02.01-	111718	14	75					
		AC 02.01-	112458	14	120					
	[F9Q750]	11.02-	113919	14	125					
	[F9Q800]	08.03-	113940	14	110					
		09.03-	113837	14	150					
		09.03-	113919	14	125					
		09.03-	114039	14	120					
		05.05-	112144	14	98					
	[F9Q803]	05.05-	113837	14	150		05.05-	112474	12	1.8
		05.05-	113919	14	125		05.05-	113897	12	1.4
		05.05-	114039	14	120					
	[F9Q804]	05.05-	112144	14	98		05.05-	113897	12	1.4
		05.05-	113837	14	150					
	05.05-	113919	14	125						
	05.05-	114039	14	120						
[F9Q808]	04.04- 12.05	113994	14	155						
[F9Q816]	01.06-	113919	14	125						
	01.06-	113994	14	155						
[F9Q818]	01.06-	113919	14	125						
	01.06-	113994	14	155						
	01.06-	114039	14	120						
Megane 1.9 DCi Coach	[F9Q732]						03.99- 09.00	113930	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**RENAULT** *Continued*

Megane 1.9 Diesel	[F8Q790]	04.97-	111775	14	120	03.97- 09.03	112295	12	1.7
	[F8Q620]	09.96- 12.96	111513#	14	75	09.96-	113481	12	1.4
		04.97-	111775	14	120	09.96-	112295	12	1.7
	[F8Q620]	01.97-	111722	14	75				
		AC 09.96- 05.97	112679	14	110				
		AC 04.97-	111719	14	120				
	[F8Q622]					04.99- 09.03	112295	12	1.7
	[F8Q624]					09.96-	112295	12	1.7
	[F8Q790]	03.97-	111722	14	75				
		04.99-	112470	14	110				
		AC 03.97- 05.97	112679	14	110				
		AC 04.97-	111719	14	120				
Megane 1.9 Diesel Eco	[F8Q620]	01.96-	111722	14	75	01.96-	112295	12	1.7
		AC 11.95- 05.97	112679	14	110	01.96-	113481	12	1.4
	[F8Q620]	11.95- 12.96	111513#	14	75				
		04.97-	111775	14	120				
		AC 04.97-	111719	14	120				
Megane 1.9 DTI	[F8Q624]					01.96-	112295	12	1.7
	[F9Q744]	02.01-	112458	14	120	02.01-	113930	12	1.4
		02.01-	113260			02.01-	113929	12	1.2
	[F9Q731]	03.99-	111718	14	75	03.99-	113481	12	1.4
						03.99-	112295	12	1.7
	[F9Q736]	03.99-	111718	14	75	03.99-	113481	12	1.4
						03.99-	112295	12	1.7
	[F9Q744]	02.01-	111718	14	75				
	02.01-	112470	14	110					
		AC 02.01- A22	112458	14	120				
Megane 1.9 TD	[F8Q786]					01.96- 09.99	112295	12	1.7
	[F8Q784]	AC 11.95- 05.97	112679	14	110	01.96-	112295	12	1.7
	[F8Q784]	01.97-	111722	14	75	01.96-	113481	12	1.4
	[F8Q784]	11.95- 12.96	111513#	14	75				
		04.97-	111775	14	120				
		AC 04.97-	111719	14	120				
Megane 1.9 TDI	[F8Q784]	06.97-	111722	14	75	09.96-	112295	12	1.7
		06.97-	111775	14	120				
		AC 06.97-	111719	14	120				
	[F9Q730]	06.97-	111722	14	75	03.97-	112295	12	1.7
		06.97-	111775	14	120	03.97-	113481	12	1.4
		AC 06.97-	111719	14	120				
	[F9Q731]	03.99- 09.03	111718	14	75	03.97-	113481	12	1.4
						03.97-	112295	12	1.7
		AC 03.99- 09.03 A22	112458	14	120				
	[F9Q734]	06.97-	111722	14	75	03.97-	113481	12	1.4
	06.97-	111775	14	120	03.97-	112295	12	1.7	
	AC 06.97-	111719	14	120					
[F9Q736]	03.99- 09.03	111718	14	75	03.97-	112295	12	1.7	
					03.97-	113481	12	1.4	
	AC 03.99- 09.03 A22	112458	14	120					
Megane 2.0	[F3R750]	04.97-	111722	14	75	A13 04.97-	113481	12	1.4
		AC 04.97-	112679	14	110	04.97-	111251	12	1.1
	[F4R770]	08.03-	113919	14	125				
		09.03-	114039	14	120				
	[F4R771]	08.03-	113919	14	125				
		09.03-	114039	14	120				
[F4R774]	08.06-	113919	14	125					
[F4R774]	05.04-	113919	14	125					
Megane 2.0 Sport	[F7R714]					A13 05.97- 09.03	113481	12	1.4
	[F7R710]					A13 11.95- 04.97	113481	12	1.4
		11.95- 04.97	111513#	14	75	11.95- 04.97	111251	12	1.1
	[F7R714]	03.99-	112144	14	98	03.96- 09.03	111251	12	1.1
	[F4R746]	09.01- 10.02	112144	14	98	09.01- 10.02	113761	12	0.9
	[F4R770]	01.02-	112144	14	98	01.01- 09.03	113761	12	0.9
		11.02-	113919	14	125				
	[F7R714]	03.96-	111718	14	75				
		10.96- 09.03	111513#	14	75				
	Megane 2.0 i	[F3R791]	03.99-	111722	14	75	A13 03.99-	113481	12
		03.99-	112679	14	110	03.99-	111251	12	1.1
[F3R796]		01.99-	112679	14	110	A13 01.99-	113481	12	1.4
[F3R796]		AC 09.96- 09.03	112679	14	110	03.96- 09.03	111251	12	1.1
[F3R751]						01.96-	111251	12	1.1
[F3R750]		09.96- 03.99	111722	14	75	01.96- 03.99	111251	12	1.1
[F3R750]		03.99-	112679	14	110	A13 01.96- 03.99	113481	12	1.4
[F3R750]		01.96- 08.96	111513#	14	75				
		AC 01.96- 03.99	112679	14	110				
[F3R752]		03.99-	111722	14	75	03.99-	111251	12	1.1
	03.99-	112679	14	110	A13 03.99-	113481	12	1.4	
[F3R796]	01.99-	111722	14	75					
Megane 2.0 IDE 16V	[F5R740]	11.99-	111718	14	75				
		AC 11.99-	112144	14	98				
Megane 2.0 Turbo 16V	[F4R776]	05.04-	113919	14	125				
		05.04-	114039	14	120				
Megane CC 1.6 16V	[K4M866]	06.10-	114463	14	120				
Megane CC 2.0 DCI						06.10-	114074	12	2.2
Modus 1.2	[D4F740]	12.04-	114131	14	90	12.04-	111641	12	0.9
	[D4F764]	12.04-	114131	14	90				
Modus 1.2 16V	[D4F784]	05.07-	114131	14	90				
Modus 1.2 16V Hi-Flex	[D4F740]	10.08-	114131	14	90				
Modus 1.4	[K4J770]	12.04-	114463	14	120				
Modus 1.5 DCI	[K9K770]	10.10-	114463	14	120	10.10-	113927	12	1.1
	[K9K752]	12.04-	114463	14	120	09.04-	113897	12	1.4
	[K9K760]	12.04-	114463	14	120	09.04-	113897	12	1.4
	[K9K762]	12.04-	114463	14	120				
	[K9K764]	05.05-	114463	14	120	05.05-	113897	12	1.4
	[K9K766]	12.04-	114463	14	120				
Modus 1.6	[K4M790]	12.04-	114463	14	120				
Modus 1.6 i 16V	[K4M791]	12.04-	114463	14	120				
	[K4M792]	12.04-	114463	14	120				
	[K4M794]	12.04-	114463	14	120				
R11 1.1	[C1E715]					03.83- 03.91	110585	12	1.2
	[C1E720]					03.83- 03.91	110585	12	1.2
	[C1E715]	03.83- 03.91	110920	14	50				
		10.84- 03.91	111082	14	60				
		03.83- 03.91	110920	14	50				
		10.84- 03.91	111082	14	60				
R11 1.2	[C1G710]	06.86- 03.91	111082	14	60	06.86- 03.91	110585	12	1.2
	[C1G700]	10.84- 02.86	111082	14	60	10.84- 12.86	110585	12	1.2
	[C1G700]	10.84- 12.86	110920	14	50				
	[C1G710]	06.86- 03.91	110920	14	50				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



R11 1.4	[C1J715]					03.83-	12.85	110585	12	1.2	
	[C2J730]					03.83-	03.91	110585	12	1.2	
	[C2J717]	05.83-	10.84	110920	14	50	05.83-	03.91	110585	12	1.2
	[C2J718]					03.83-	03.91	110585	12	1.2	
	[C2J720]	03.83-	10.84	110920	14	50	03.83-	03.91	110585	12	1.2
	[C2J755]	05.83-	10.84	110920	14	50	05.83-	03.91	110585	12	1.2
	[C2J757]	10.84-	12.84	111082	14	60	03.83-	12.84	110585	12	1.2
	[C2J766]					03.83-	03.91	110585	12	1.2	
	[C2J767]					03.83-	03.91	110585	12	1.2	
	[C2J768]	06.85-	03.91	111082	14	60	06.85-	03.91	110585	12	1.2
	[C1J715]	03.83-	12.85	110920	14	50					
		10.84-	12.85	111082	14	60					
	[C2J717]										
	[C2J718]	10.84-	03.91	111082	14	60					
		03.83-	10.84	110920	14	50					
		10.84-	03.91	111082	14	60					
	[C2J720]										
		10.84-	03.91	111082	14	60					
	[C2J730]	03.83-	03.91	110920	14	50					
		10.84-	03.91	111082	14	60					
[C2J755]											
	10.84-	03.91	111082	14	60						
[C2J757]	03.83-	10.84	110920	14	50						
[C2J766]	03.83-	10.84	110920	14	50						
	10.84-	03.91	111082	14	60						
[C2J767]	03.83-	10.84	110920	14	50						
	10.84-	03.91	111082	14	60						
[C2J768]	06.85-	03.91	110920	14	50						
R11 1.4 Turbo	[C1J760]	10.84-	12.86	111082	14	60	09.83-	12.86	110585	12	1.2
	[C1J764]	10.84-	03.91	111082	14	60	09.83-	03.91	110585	12	1.2
	[C1J770]	06.85-	03.91	111082	14	60	06.85-	03.91	110585	12	1.2
	[C1J782]	06.85-	03.91	111082	14	60	06.85-	03.91	110585	12	1.2
	[C1J760]	09.83-	10.84	110920	14	50					
	[C1J764]	09.83-	10.84	110920	14	50					
R11 1.6 Diesel	[F8M700]	10.86-	03.91	111172#	14	60	08.83-	03.91	112295	12	1.7
	[F8M720]					08.83-	09.87	112295	12	1.7	
	[F8M730]	10.87-	03.91	111172#	14	60	10.87-	03.91	112295	12	1.7
	[F8M700]										
	[F8M720]	10.86-	09.87	111172#	14	60					
R11 1.7	[F3N708]	06.87-	12.88	111082	14	60	06.87-	12.88	110585	12	1.2
	[F2N700]	10.83-	12.87	112744	14	60	10.83-	12.87	110585	12	1.2
	[F2N704]	10.83-	06.87	112744	14	60	10.83-	06.87	110585	12	1.2
	[F2N732]	06.87-	12.88	111082	14	60	06.87-	03.91	110585	12	1.2
	[F2N742]	PS 06.87-	03.91	111322#	14	70	06.87-	03.91	110585	12	1.2
	[F3N718]	PS 10.86-	03.91	111322#	14	70	10.84-	03.91	110585	12	1.2
	[F2N730]					10.86-	03.91	110585	12	1.2	
	[F2N708]					10.86-	03.91	110585	12	1.2	
	[F2N710]	PS 10.86-	03.91	111322#	14	70	10.86-	03.91	110585	12	1.2
	[F2N798]	10.86-	03.91	112744	14	60	10.86-	03.91	110585	12	1.2
	[F2N700]					10.86-	03.91	110585	12	1.2	
	[F2N704]	PS 10.83-	12.87	111322#	14	70					
	[F2N708]	PS 10.83-	06.87	111322#	14	70					
		10.86-	03.91	112744	14	60					
	[F2N710]	PS 10.86-	03.91	111322#	14	70					
	[F2N730]	10.86-	03.91	112744	14	60					
		10.86-	03.91	112744	14	60					
[F2N732]	PS 10.86-	03.91	111322#	14	70						
	06.87-	03.91	112744	14	60						
[F2N742]	PS 06.87-	03.91	111322#	14	70						
	06.87-	03.91	112744	14	60						
[F2N798]	PS 10.86-	03.91	111322#	14	70						
[F3N708]	06.87-	12.88	112744	14	60						
	PS 06.87-	12.88	111322#	14	70						
[F3N718]											
R12 1.3	[810]					06.80-	08.80	110866	12	0.9	
	[810-06]					06.80-	08.80	110866	12	0.9	
R12 1.3 Turbo TS	[810-06]					06.80-	08.80	110866	12	0.9	
R12 1.6 Gordini	[82120]										
R14 1.2	[129]	05.76-	01.80	110887	14	45					
R16 1.5	[697]					09.65-	10.75	111101	12	0.9	
R16 1.6 TL	[821]	05.77-	07.79	110362		01.71-	08.80	111101	12	0.9	
R16 1.6 TS	[807]					09.68-	08.80	111101	12	0.9	
R16 1.6 TX	[843]	06.74-	08.80	110362		06.74-	08.80	111101	12	0.9	
R17 1.6 Gordini						03.74-	10.80	111101	12	0.9	
R18 1.4	[847720]	04.78-	02.86	110754#	14	55	AT 04.78-	02.86	111064	12	1.05
	[847722]						AT 04.78-	07.86	111064	12	1.05
	[847720]										
	[847722]	04.78-	02.86	110754#	14	55					
R18 1.6	[841725]					12.81-	09.83	111110			
	[841726]					12.81-	09.83	111110			
	[841717]	04.78-	02.86	110754#	14	55	AT 04.78-	02.86	111064	12	1.05
	[841726]	04.78-	09.83	110754#	14	55	A13 04.78-	11.81	111101	12	0.9
						04.78-	11.81	110830	12	1.0	
	[A2M723]	04.78-	02.86	110754#	14	55	AT 04.78-	02.86	111064	12	1.05
	[841725]	04.78-	09.83	110754#	14	55	A13 04.78-	11.81	111101	12	0.9
						04.78-	11.81	110830	12	1.0	
	[841717]										
	[A2M723]										
R18 1.6 4x4	[841717]	01.83-	07.86	110754#	14	55	06.83-	02.86	111110		
	[A2M723]					01.83-	05.83	110830	12	1.0	
R18 1.6 TS	[A6M725]	01.83-	07.86	110754#	14	55	06.83-	02.86	111110		
	[A6M726]	05.82-	02.86	110754#	14	55	01.83-	05.83	110830	12	1.0
	[A6M725]					05.82-	02.86	111110			
	[A6M726]	05.82-	02.86	110754#	14	55	05.82-	02.86	111110		
R18 1.6 Turbo	[A5L717]					10.82-	02.86	111110			
						10.82-	09.85	110830	12	1.0	
	[A5L718]	10.82-	02.86	110754#	14	55	10.82-	09.85	110830	12	1.0
						10.82-	02.86	111110			
	[807727]	10.82-	02.86	110754#	14	55	10.82-	02.86	111110		
							A13 10.80-	09.82	111101	12	0.9
	[807727]	10.80-	02.86	110754#	14	55	10.80-	09.85	110830	12	1.0
[A7L752]						09.82-	02.86	111110			
	09.82-	02.86	110754#	14	55	09.82-	09.85	110830	12	1.0	
						09.82-	02.86	111110			

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

RENAULT Continued

R18 2.0	[J6R716]	10.81- 07.86	110744#	14	50	A13 10.81- 07.86	111124	12	2.2
		AC				10.81- 07.86	111063	12	1.2
R18 2.0 4x4	[J6R714]	05.83- 12.86	110744#	14	50	A13 05.83- 12.86	111124	12	2.2
		AC				05.83- 12.86	111063	12	1.2
R18 2.1 Diesel	[852710]					01.84- 02.86	111114	12	3.1
	[J8S711]	11.81- 02.86	111661#	14	75	01.84- 02.86	111114	12	3.1
	[852710]	11.81- 02.86	111661#	14	75	11.81- 07.86	112541	12	2.2
	[J8S711]					11.81- 07.86	112541	12	2.2
R18 2.1 TD	[J8S712]	11.81- 02.86	111661#	14	75	01.84- 02.86	111114	12	3.1
R18 2.2 1	[J7T718]					A13 06.84- 07.86	111124	12	2.2
						06.84- 07.86	111063	12	1.2
R19 1.2	[C1G730]	01.88- 12.95	112728	14	55	01.88- 12.01	110585	12	1.2
	[C1G730]	01.88- 12.01	111082	14	60				
R19 1.4	[C3J710]	09.88- 10.95	112728	14	55	09.88- 10.95	110585	12	1.2
	[E7J742]	01.92- 08.95	111325	14	70	01.92-	111251	12	1.1
	[C2J772]	01.89- 12.89	111082	14	60	01.89- 12.89	110585	12	1.2
	[C2J772]	01.89- 12.89	112728	14	55	10.89- 04.92	111251	12	1.1
	[C3J710]	09.88- 10.95	111082	14	60	10.89- 04.92	111251	12	1.1
	[E6J700]	01.88- 12.95	111325	14	70	01.88- 12.95	110585	12	1.2
		01.88- 12.95	112756	14	60	01.92- 12.95	111251	12	1.1
		PS				01.88- 12.95	113481	12	1.4
		AC							
		AC							
	[E6J701]					01.88- 12.92	110585	12	1.2
						01.88- 12.92	113481	12	1.4
	[E7J]	03.92- 12.95	111325	14	70	03.92- 12.95	111251	12	1.1
		03.92- 12.95	112756	14	60				
		PS							
		PS 03.92- 12.95	111325	14	70				
		PS 03.92- 12.95	112756	14	60				
		AC							
		AC 03.92- 12.95	111325	14	70				
	[E7J742]	01.92- 11.95	112756	14	60				
		PS							
		PS 01.92- 11.95	111325	14	70				
		PS 01.92- 11.95	112756	14	60				
		AC							
		AC 01.92- 08.95	111325	14	70				
		AC				01.88- 12.01	110585	12	1.2
		AC							
		ACPS							
R19 1.7	[F3N740]	PS 09.88- 12.95	111322#	14	70	A13 09.88- 12.95	112295	12	1.7
						09.88- 12.95	111251	12	1.1
	[F3N741]	09.88- 12.95	112744	14	60	09.88- 12.95	111251	12	1.1
		PS 09.88- 12.95	111322#	14	70	A13 09.88- 12.95	112295	12	1.7
	[F3N742]	09.88- 06.96	112744	14	60	09.88- 06.96	111251	12	1.1
		09.88- 06.96	112751#	14	70	A13 09.88- 12.95	112295	12	1.7
	[F3N743]	09.88- 06.96	112744	14	60	09.88- 06.96	111251	12	1.1
	[F3N743]	PS 09.88- 06.96	111322#	14	70	A32 09.88- 12.95	112295	12	1.7
	[F3N740]	09.88- 12.95	112744	14	60				
		09.88- 12.95	112751#	14	70				
	[F3N741]	09.88- 12.95	112751#	14	70				
	[F3N742]	PS 09.88- 06.96	111322#	14	70				
		AC							
	[F3N743]	09.88- 06.96	112751#	14	70				
		AC							
	[F3N746]					08.88- 12.92	111251	12	1.1
						07.91- 04.92	111251	12	1.1
R19 1.7 Chamade	[F2N720]					09.88- 12.92	110585	12	1.2
R19 1.8	[F3P700]	04.92- 05.94	112751#	14	70	04.92- 05.94	111251	12	1.1
	[F3P682]	05.92- 06.96	112751#	14	70	05.92- 06.96	111251	12	1.1
	[F3P765]	05.94- 06.96	112751#	14	70	05.94- 06.96	111251	12	1.1
	[F3P682]	PS 05.92- 06.96	111322#	14	70	A13 11.94- 06.96	113481	12	1.4
	[F3P764]	11.94- 06.96	112751#	14	70	07.94- 06.96	113481	12	1.4
		PS 11.94- 06.96	111322#	14	70	11.94- 06.96	111251	12	1.1
	[F3P765]	PS 05.94- 06.96	111322#	14	70	07.94- 06.96	113481	12	1.4
	[F3P704]	04.92- 06.96	112751#	14	70	04.92- 06.96	113481	12	1.4
		PS 04.92- 06.96	111322#	14	70	04.92- 06.96	111251	12	1.1
	[F3P705]	04.92- 06.96	112751#	14	70	04.92- 06.96	111251	12	1.1
		PS 04.92- 06.96	111322#	14	70	04.92- 06.96	113481	12	1.4
	[F3P707]	04.92- 06.96	112751#	14	70	04.92- 06.96	111251	12	1.1
		PS 04.92- 06.96	111322#	14	70	04.92- 06.96	113481	12	1.4
	[F3P708]	04.92- 06.96	112751#	14	70	04.92- 06.96	111251	12	1.1
		PS 04.92- 06.96	111322#	14	70	04.92- 06.96	113481	12	1.4
	[F3P760]	PS 04.92- 06.96	111322#	14	70	04.92- 06.96	113481	12	1.4
	[F3P706]	04.92- 06.96	112751#	14	70	04.92- 06.96	111251	12	1.1
	[F3P706]	PS 04.92- 06.96	111322#	14	70	04.92- 06.96	113481	12	1.4
	[F3P760]	04.92- 06.96	112751#	14	70	04.92- 06.96	111251	12	1.1
	[F3P700]	PS 04.92- 05.94	111322#	14	70				
	[F3P706]	05.92- 12.95	111322#	14	70				
		AC							
	[F3P760]								
R19 1.8 RT	[F3P700]	PS 04.92- 05.94	111322#	14	70	04.92- 05.94	111251	12	1.1
	[F3P706]	04.92-	112751#	14	70	04.92-	111251	12	1.1
	[F3P760]	04.92-	112751#	14	70	04.92-	111251	12	1.1
	[F3P700]	04.92- 05.94	112751#	14	70				
	[F3P706]	PS 04.92-	111322#	14	70				
	[F3P760]	PS 04.92-	111322#	14	70				
R19 1.8 16V	[F7P704]	04.92- 12.95	113789#	14	70	06.89- 06.96	112295	12	1.7
						06.89- 06.96	110585	12	1.2
		AC				06.89- 06.96	113481	12	1.4
R19 1.9 Diesel	[F8Q706]	09.88- 04.92	113500	14	70	09.88- 04.92	112295	12	1.7
	[F8Q742]	AC				06.90- 10.95	112295	12	1.7
	[F8Q706]					01.88- 12.95	113481	12	1.4
		AC 01.88- 12.92	111326	14	110				
		AC							
	[F8Q742]	06.90- 10.95	113500	14	70	06.90- 12.95	113481	12	1.4
		AC 01.88- 12.95	111326	14	110				
R19 1.9 DT	[F8Q740]	03.92- 12.95	113500	14	70	09.90- 12.95	112295	12	1.7
	[F8Q740]					03.92- 12.95	113481	12	1.4
	[F8Q744]	04.92-	113500	14	70	04.92-	112295	12	1.7
		AC							
R20 1.6	[843]	12.79- 10.81	111072	14	50	10.75- 05.77	110830	12	1.0
	[843720]	11.75- 10.81	110754#	14	55	11.75- 10.81	110830	12	1.0
	[843721]					11.75- 10.81	110830	12	1.0
	[843720]								
	[843721]	11.75- 10.81	110754#	14	55				



R20 2.0	[829700]	10.77- 12.83	111072	14	50	07.82- 12.83	111063	12	1.2
		10.77- 12.83	111163#	14	60	10.77- 06.82	110860#	12	0.9
	[829701]	10.77- 12.83	111072	14	50	10.77- 06.82	110860#	12	0.9
		10.77- 12.83	111163#	14	60	A13 07.82- 12.83	111124	12	2.2
	[829702]	10.80- 12.83	111072	14	50	A13 07.82- 12.83	111124	12	2.2
		10.80- 12.83	111163#	14	60	10.80- 06.82	110860#	12	0.9
	[829703]	10.80- 12.83	111072	14	50	10.80- 06.82	110860#	12	0.9
		10.80- 12.83	111163#	14	60	A13 07.82- 12.83	111124	12	2.2
	[829700]					A13 07.82- 12.83	111124	12	2.2
	[829701]					07.82- 12.83	111063	12	1.2
[829702]					07.82- 12.83	111063	12	1.2	
[829703]					07.82- 12.83	111063	12	1.2	
R20 2.1 TD	[852]	10.80- 12.83	111072	14	50	10.80- 12.83	111114	12	3.1
	[852]	10.80- 12.83	111163#	14	60				
	[J85702]	01.82- 12.83	111072	14	50	01.82- 12.83	111114	12	3.1
		01.82- 12.83	111163#	14	60				
R20 2.2	[851700]	10.80- 12.83	111072	14	50	10.80- 06.82	110860#	12	0.9
		10.80- 12.83	111163#	14	60	A13 07.82- 12.83	111124	12	2.2
	[851700]					07.82- 12.83	111063	12	1.2
R21 1.4	[C2J770]	09.89- 05.93	112728	14	55	09.89- 03.93	110585	12	1.2
R21 1.7	[F3N723]	03.86- 12.95	112751#	14	70	06.86- 12.95	111251	12	1.1
	[F3N723]	03.86- 12.95	112744	14	60	AT 03.86- 12.94	112295	12	1.7
	[F3N726]	PS 03.86- 12.95	111322#	14	70	07.86- 12.95	111251	12	1.1
	[F3N722]	03.86- 12.95	112744	14	60	03.86- 11.89	110585	12	1.2
	[F3N723]	PS 03.86- 12.95	111322#	14	70	03.86- 11.89	110585	12	1.2
	[F3N722]	PS 03.86- 12.95	111322#	14	70	06.86- 12.95	111251	12	1.1
	[F3N726]	06.86- 12.95	112751#	14	70	06.86- 11.89	110585	12	1.2
	[F2N710]	PS 03.86- 12.95	111322#	14	70	12.89-	111251	12	1.1
	[F2N710]	03.86- 12.95	112751#	14	70	03.86- 12.95	110585	12	1.2
	[F3N722]	03.86- 12.95	112751#	14	70	A13 03.86- 12.94	112295	12	1.7
	[F2N712]	03.86- 03.93	112751#	14	70	03.86- 03.93	111251	12	1.1
		PS 03.86- 03.93	111322#	14	70	03.86- 03.93	110585	12	1.2
	[F2N750]	03.86- 12.94	112751#	14	70	12.89- 12.94	111251	12	1.1
	[F2N750]	PS 03.86- 12.94	111322#	14	70	03.86- 12.89	110585	12	1.2
	[F2N752]	PS 06.87- 04.89	111322#	14	70	06.87- 04.89	110585	12	1.2
	[F2N710]	03.86- 12.95	112744	14	60				
	[F2N712]	03.86- 03.93	112744	14	60				
	[F2N750]	03.86- 12.94	112744	14	60				
		06.87- 04.89	112744	14	60				
		06.87- 04.89	112751#	14	70				
	[F3N726]	06.86- 12.95	112744	14	60				
R21 1.9 Diesel	[F80710]	03.86- 10.93	113500	14	70	03.86- 10.93	112295	12	1.7
	[F80710]	03.86- 10.93	112795	14	90				
R21 2.0	[J7R746]	03.86- 12.94	111163#	14	60	03.86- 12.93	110860#	12	0.9
	[J7R746]	AC 03.86- 12.94	111319	14	105	A13 03.86- 12.94	111124	12	2.2
	[J7R747]	AC 03.86- 12.94	111319	14	105	03.86- 12.93	110860#	12	0.9
	[J7R747]	03.86- 12.94	111163#	14	60	A13 03.86- 12.94	111124	12	2.2
	[J7R750]	03.86- 03.93	111163#	14	60	03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105	A13 03.86- 03.93	111124	12	2.2
	[J7R740]	09.89- 06.94	112755	14	90	A13 09.89- 06.94	111124	12	2.2
		AC 09.89- 06.94	111319	14	105	09.89- 06.94	111063	12	1.2
	[J6R758]	AC 03.86- 03.93	111319	14	105	03.86- 10.93	111063	12	1.2
	[J6R759]	AC 03.86- 03.93	111319	14	105	03.86- 10.93	111063	12	1.2
	[J6R792]	AC 03.86- 03.93	111319	14	105	03.86- 03.93	111063	12	1.2
	[J6R793]	AC 03.86- 03.93	111319	14	105	03.86- 03.93	111063	12	1.2
	[J7R746]	03.86- 12.94	112755	14	90	03.86- 12.94	111063	12	1.2
	[J7R747]	03.86- 12.94	112755	14	90	03.86- 12.94	111063	12	1.2
	[J7R751]	03.86- 03.93	111163#	14	60	03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105	A13 03.86- 03.93	111124	12	2.2
	[J6R758]	03.86- 03.93	111171	14	70				
		03.86- 03.93	111163#	14	60				
	[J6R759]	03.86- 03.93	111171	14	70				
		03.86- 03.93	111163#	14	60				
	[J6R792]	03.86- 03.93	111171	14	70				
		03.86- 03.93	111163#	14	60				
	[J6R793]	03.86- 03.93	111171	14	70				
		03.86- 03.93	111163#	14	60				
	[J7R740]	09.89- 02.94	111163#	14	60				
		02.90- 06.94	111171	14	70				
	[J7R750]	03.86- 03.93	111171	14	70				
		09.86-	112755	14	90				
	[J7R751]	03.86- 03.93	111171	14	70				
		09.86-	112755	14	90				
R21 2.0 4x4	[J7R740]	12.89- 02.94	111171	14	70	12.89- 02.94	111063	12	1.2
		12.89- 02.94	112755	14	90	A13 12.89- 02.94	111124	12	2.2
	[J7R746]	AC 06.90- 12.95	111319	14	105	A13 06.90- 12.95	111124	12	2.2
	[J7R747]	AC 06.90- 12.95	111319	14	105	A13 06.90- 12.95	111124	12	2.2
	[J7R740]	AC 12.89- 02.94	111319	14	105				
R21 2.0 Turbo	[J7R752]	04.87- 03.92	111171	14	70	A13 04.87- 03.92	111124	12	2.2
		04.87- 03.92	112755	14	90	04.87- 03.92	111063	12	1.2
	[J7R756]	PS 08.87-	111319	14	105	02.90- 10.92	111063	12	1.2
		AC 02.90- 10.92	111319	14	105	A13 02.90- 10.92	111124	12	2.2
	[J7R752]	AC 04.87- 03.92	111319	14	105				
	[J7R756]	02.90- 10.92	112755	14	90				
R21 2.0 Turbo 4x4	[J7R752]	08.89- 10.93	111171	14	70	A13 08.89- 10.93	111124	12	2.2
		AC 08.89- 10.93	111319	14	105	08.89- 10.93	111063	12	1.2
	[J7R756]	02.90- 10.92	112755	14	90	02.90- 10.92	111063	12	1.2
		AC 02.90- 10.92	111319	14	105	A13 02.90- 10.92	111124	12	2.2
	[J7R752]	08.89- 10.93	112755	14	90				
R21 2.1 Diesel	[J8S784]	02.92- 06.94	111171	14	70	02.92- 06.94	111114	12	3.1
	[J8S600]	AC 04.92- 12.95	111319	14	105	04.92- 12.95	111114	12	3.1
	[J8S740]	05.89- 12.95	111171	14	70	05.89- 12.95	111114	12	3.1
	[J8S704]	03.86- 12.95	111171	14	70	03.86- 12.95	111114	12	3.1
	[J8S600]	04.92- 12.95	111171	14	70				
	[J8S704]	03.86- 12.95	111163#	14	60				
		AC 03.86- 12.95	111319	14	105				
	[J8S740]	AC 05.89- 12.95	111319	14	105				
	[J8S784]	AC 02.92- 06.94	111319	14	105				
R21 2.1 Diesel 4x4	[J8S704]	10.88- 05.92	111171	14	70	10.88- 05.92	111114	12	3.1
	[J8S704]	10.88- 05.92	111163#	14	60				
		AC 10.88- 05.92	111319	14	105				
R21 2.1 TD	[J8S714]	07.89- 03.93	111171	14	70	03.86- 03.93	111114	12	3.1
	[J8S788]	AC 09.89- 12.95	111319	14	105	09.89- 12.95	111114	12	3.1
	[J8S786]	AC 06.91- 12.95	111319	14	105	06.91- 12.95	111114	12	3.1
	[J8S714]	03.86- 03.93	111163#	14	60				
		AC 03.86- 03.93	111319	14	105				
	[J8S786]	06.91- 12.95	111171	14	70				
		06.91- 12.95	111163#	14	60				
	[J8S788]	09.89- 12.95	111171	14	70				
		09.89- 03.93	111163#	14	60				
R21 2.2	[J7T754]	07.86- 12.95	111163#	14	60	07.86- 12.95	111063	12	1.2
		AC 07.86- 12.95	111319	14	105	A13 07.86- 12.95	111124	12	2.2
	[J7T755]	07.86- 12.95	111163#	14	60	A13 07.86- 12.95	111124	12	2.2
		AC 07.86- 12.95	111319	14	105	07.86- 12.95	111063	12	1.2

STARTERS & ALTERNATORS



**RENAULT** *Continued*

R21 2.2 4x4	[J7T755]	06.86- 06.94 111163#	14	60	A13 06.86- 06.94 111124	12	2.2	
		AC 06.86- 06.94 111319	14	105	06.86- 06.94 111063	12	1.2	
	[J7T754]	06.86- 06.94 111163#	14	60	A13 06.86- 06.94 111124	12	2.2	
R25 2.0	[J6R706]	AC 04.84- 12.92 111319	14	105	04.84- 12.92 111063	12	1.2	
	[J6R707]	AC 04.84- 12.92 111163#	14	60	04.84- 12.92 111063	12	1.2	
	[J6R760]	04.84- 12.92 111163#	14	60	04.84- 12.92 111063	12	1.2	
	[J6R762]	04.84- 12.92 111163#	14	60	04.84- 12.92 111063	12	1.2	
	[J6R763]	04.84- 12.92 111163#	14	60	04.84- 12.92 111063	12	1.2	
	[J6R706]	04.84- 12.92 111163#	14	60				
	[J6R707]	AC 04.84- 12.92 111319	14	105				
	[J6R760]	AC 04.84- 12.92 111319	14	105				
	[J6R762]	AC 04.84- 12.92 111319	14	105				
	[J6R763]	AC 04.84- 12.92 111319	14	105				
	R25 2.0 12V	[J7R726]	06.89- 12.92 111163#	14	60	06.89- 12.92 111063	12	1.2
		[J7R720]	06.88- 12.93 111163#	14	60	06.88- 12.93 111063	12	1.2
[J7R720]		06.88- 12.93 111144	14	70				
		AC 06.88- 12.93 111319	14	105				
[J7R726]		06.89- 12.92 111144	14	70				
R25 2.1 Diesel	[J8S706]	AC 04.84- 05.89 111319	14	105	04.84- 05.89 111114	12	3.1	
	[J8S736]	06.89- 12.92 111163#	14	60	06.89- 12.92 111114	12	3.1	
	[J8S706]	04.84- 05.89 111171	14	70				
		04.84- 05.89 111163#	14	60				
	[J8S736]	06.89- 12.92 111171	14	70				
R25 2.1 TD	[J8S708]	04.84- 12.92 111163#	14	60	04.84- 12.92 111114	12	3.1	
	[J8S738]	06.89- 12.92 111171	14	70	06.89- 12.92 111114	12	3.1	
	[J8S708]	04.84- 12.92 111171	14	70				
		AC 04.84- 12.92 111319	14	105				
	[J8S738]	AC 06.89- 12.92 111319	14	105				
R25 2.2	[J7T732]	11.85- 12.92 111144	14	70	11.85- 12.92 111063	12	1.2	
	[J7T708]	AC 10.85- 10.86 111319	14	105	10.85- 10.86 111063	12	1.2	
	[J7T733]	09.86- 12.92 111144	14	70	09.86- 12.92 111063	12	1.2	
	[J7T706]	AC 01.84- 06.92 111319	14	105	01.84- 06.92 111063	12	1.2	
	[J7T707]	AC 01.84- 06.92 111319	14	105	01.84- 06.92 111063	12	1.2	
	[J7T714]	AC 01.84- 06.92 111319	14	105	01.84- 06.92 111063	12	1.2	
	[J7T715]	01.84- 06.92 111171	14	70	04.84- 06.92 111063	12	1.2	
	[J7T730]	04.84- 12.89 111144	14	70	04.84- 12.89 111063	12	1.2	
	[J7T731]	AC 04.84- 12.89 111319	14	105	04.84- 12.89 111063	12	1.2	
	[J7T706]	01.84- 06.92 111144	14	70				
		01.84- 06.92 111171	14	70				
	[J7T707]	01.84- 06.92 111144	14	70				
		01.84- 06.92 111171	14	70				
	[J7T708]	10.85- 10.86 111144	14	70				
		10.85- 10.86 111171	14	70				
	[J7T714]	01.84- 06.92 111144	14	70				
		01.84- 06.92 111171	14	70				
	[J7T715]	01.84- 06.92 111144	14	70				
		AC 01.84- 06.92 111319	14	105				
	[J7T730]	04.84- 12.89 111171	14	70				
		AC 04.84- 12.89 111319	14	105				
	[J7T731]	04.84- 12.89 111144	14	70				
		04.84- 12.89 111171	14	70				
	[J7T732]	11.85- 12.92 111171	14	70				
		AC 11.85- 12.92 111319	14	105				
[J7T733]	09.86- 12.92 111171	14	70					
	AC 09.86- 12.92 111319	14	105					
R25 2.5 Turbo V6	[Z7U702]	10.84- 05.90 111179	14	105	10.84- 05.90 110835	12	1.1	
	[Z7U700]	01.90- 12.92 112755	14	90	01.90- 12.92 110835	12	1.1	
	[Z7U700]	01.90- 12.92 111179	14	105				
	[Z7U702]	10.84- 05.90 112755	14	90				
	[Z7V708]	04.84- 08.89 112755	14	90	04.84- 08.89 110835	12	1.1	
R25 2.6 i V6	[Z7V709]	04.84- 08.89 111179	14	105	04.84- 08.89 110835	12	1.1	
	[Z7V711]	04.84- 08.89 111179	14	105	04.84- 08.89 110835	12	1.1	
	[Z7V708]	04.84- 08.89 111179	14	105				
	[Z7V709]	04.84- 08.89 112755	14	90				
	[Z7V711]	04.84- 08.89 112755	14	90				
R25 2.8 i V6	[Z7W702]	09.86- 06.87 112755	14	90	09.86- 06.87 110835	12	1.1	
	[Z7W702]	09.86- 06.87 111179	14	105				
	[Z7W700]	AC 06.87- 02.90 111179	14	105	06.87- 02.90 110835	12	1.1	
R25 2.9	[Z7W700]	06.87- 02.90 111179	14	105				
		06.87- 02.90 112755	14	90				
R25 2.9 i	[Z7W706]	AC 09.87- 12.92 111179	14	105	09.87- 12.92 110835	12	1.1	
	[Z7W707]	AC 09.87- 12.92 111179	14	105	09.87- 12.92 110835	12	1.1	
	[Z7W709]	AC 09.87- 12.92 111179	14	105	09.87- 12.92 110835	12	1.1	
	[Z7W706]	09.87- 12.92 111179	14	105				
		09.87- 12.92 112755	14	90				
R30 2.1 TD	[J8S702]	02.82- 03.86 111171	14	70	02.82- 03.86 111114	12	3.1	
	[J8S702]	02.82- 03.86 111163#	14	60				
R30 2.6	[112]				02.75- 08.78 110835	12	1.1	
	[140]				10.78- 12.83 110835	12	1.1	
R30 2.7 TS	[144]				07.78- 01.84 110835	12	1.1	
R4 0.8	[800]				04.68- 09.83 110856	12	0.6	
	[800705]				04.83- 12.93 110856	12	0.6	
	[B1B707]				04.83- 12.93 110856	12	0.6	
	[80001]				09.66- 12.88 110856	12	0.6	
	[800705]				10.62- 09.83 110367	12	1.0	
R4 1.0	[C1C708]	10.86- 12.93 112739	14	50	06.87- 06.93 110866	12	0.9	
	[688712]	10.76- 12.93 112739	14	50	12.81- 12.93 110866	12	0.9	
R4 1.1	[688711]	10.76- 06.86 112739	14	50	12.81- 12.93 110866	12	0.9	
	[C1E718]	10.76- 12.93 112739	14	50	12.81- 12.93 110866	12	0.9	
	[C1E714]	10.76- 12.93 112739	14	50	12.81- 12.93 110866	12	0.9	
	[C1E719]	10.76- 12.93 112739	14	50	12.81- 12.93 110866	12	0.9	
	[C1E719]	10.76- 12.93 112739	14	50	12.81- 12.93 110866	12	0.9	
R5 0.8	[800710]				01.82- 12.84 110856	12	0.6	
R5 1.0	[C1C700]	10.84- 12.96 111082	14	60	10.84- 12.96 111251	12	1.1	
		10.84- 12.96 112728	14	55	10.84- 12.96 110585	12	1.2	
R5 1.1	[C1E754]	10.84- 06.89 111082	14	60	10.84- 06.89 110585	12	1.2	
		10.84- 06.89 112728	14	55	10.84- 06.89 111251	12	1.1	
	[C1E750]	10.84- 12.96 111082	14	60	10.84- 12.96 111251	12	1.1	
		10.84- 12.96 112728	14	55	10.84- 12.96 110585	12	1.2	
	[C1E752]	10.84- 06.89 111082	14	60	10.84- 06.89 111251	12	1.1	
		10.84- 06.89 112728	14	55	10.84- 06.89 110585	12	1.2	
	[C1E756]	06.87- 111082	14	60	06.87- 110585	12	1.2	
		06.87- 112728	14	55	06.87- 111251	12	1.1	
[C1E726]				10.79- 12.85 110866	12	0.9		
R5 1.3	[810719]				06.79- 09.84 110367	12	1.0	
	[810725]				09.75- 09.84 110367	12	1.0	
	[810726]				09.76- 09.79 110367	12	1.0	
	[810729]				06.79- 09.84 110367	12	1.0	

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



R5 1.4	[C1J768]	10.84- 12.96	111082	14	60	10.84- 12.96	111251	12	1.1	
		10.84- 12.96	112728	14	55	10.84- 12.96	110585	12	1.2	
	[C1J780]	10.84- 06.89	111082	14	60	10.84- 06.89	111251	12	1.1	
		10.84- 06.89	112728	14	55	10.84- 06.89	110585	12	1.2	
	[C2J700]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2	
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1	
	[C2J780]	10.84- 06.87	111082	14	60	10.84- 06.87	110585	12	1.2	
		10.84- 06.87	112728	14	55	10.84- 06.87	111251	12	1.1	
	[C2J781]	10.84- 07.89	111082	14	60	10.84- 07.89	111251	12	1.1	
		10.84- 07.89	112728	14	55	10.84- 07.89	110585	12	1.2	
	[C2J788]	10.84- 12.96	111082	14	60	10.84- 12.96	111251	12	1.1	
		10.84- 12.96	112728	14	55	10.84- 12.96	110585	12	1.2	
	[C2J789]	10.84- 07.89	111082	14	60	10.84- 07.89	110585	12	1.2	
		10.84- 07.89	112728	14	55	10.84- 07.89	111251	12	1.1	
	[C2J798]	10.84- 07.89	111082	14	60	10.84- 07.89	111251	12	1.1	
		10.84- 07.89	112728	14	55	10.84- 07.89	110585	12	1.2	
	[C3J700]	10.84- 10.87	111082	14	60	10.84- 10.87	110585	12	1.2	
	[C3J702]	10.85- 02.88	112728	14	55	10.85- 02.88	110585	12	1.2	
	[C3J760]	10.85- 12.96	111082	14	60	10.85- 12.96	110585	12	1.2	
	[C2J782]	06.87- 12.96	111082	14	60	06.87- 12.96	111251	12	1.1	
		06.87- 12.96	112728	14	55	06.87- 12.96	110585	12	1.2	
	[C2J784]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2	
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1	
	[847712]						06.82- 09.84	110866	12	0.9
	[847725]						01.82- 12.85	110367	12	1.0
	[C2J713]						01.82- 12.85	110367	12	1.0
	[C3J700]	10.84- 10.87	112728	14	55					
	[C3J702]	10.85- 02.88	111082	14	60					
	[C3J760]	10.85- 12.96	112728	14	55					
	R5 1.4 Alpine A5	[840725]					09.77- 09.81	110866	12	0.9
	R5 1.4 Turbo	[840730]					06.80- 01.85	110866	12	0.9
	R5 1.4 Turbo Alpine	[840726]					10.81- 01.85	110866	12	0.9
		[C6J750]					10.81- 01.85	110866	12	0.9
R5 1.4 Turbo GT	[C1J782]	10.84- 08.90	111082	14	60	04.84- 08.90	110585	12	1.2	
	[C1J784]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2	
	[C1J788]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2	
R5 1.6 Diesel	[F8M720]	10.87- 12.96	110905#	14	50	10.87- 12.96	112295	12	1.7	
	[F8M730]	10.87- 12.96	110905#	14	50	10.87- 12.96	112295	12	1.7	
R5 1.7	[F3N716]					10.86- 12.96	111251	12	1.1	
	[F3N717]	PS				10.86- 12.96	111251	12	1.1	
	[F2N740]	PS				06.87- 12.96	111251	12	1.1	
	[F2N742]					06.87- 12.96	111251	12	1.1	
	[F3N702]	PS				10.86- 12.96	111251	12	1.1	
	[F3N722]	PS				10.86- 12.96	111251	12	1.1	
	[F2N740]									
	[F2N742]	PS								
	[F3N702]									
	[F3N716]	PS								
	[F3N717]									
	[F3N722]									
R9 1.1	[C1E715]	09.81- 10.84	110920	14	50	09.81- 10.87	110585	12	1.2	
	[C1E720]	10.84- 10.87	111082	14	60	09.81- 10.87	110585	12	1.2	
	[C1E715]	10.84- 10.87	111082	14	60					
		10.84- 10.87	112728	14	55					
	[C1E720]	09.81- 10.84	110920	14	50					
		10.84- 10.87	112728	14	55					
R9 1.2	[C1G700]	09.85- 12.86	111082	14	60	09.85- 12.86	110585	12	1.2	
		09.85- 12.86	112728	14	55					
	[C1G710]	12.86- 03.91	111082	14	60	12.86- 03.91	110585	12	1.2	
		12.86- 03.91	112728	14	55					
R9 1.4	[C2J717]	10.84- 03.91	112728	14	55	09.81- 03.91	110585	12	1.2	
	[C2J755]	10.84- 03.91	111082	14	60	09.81- 03.91	110585	12	1.2	
	[C2J720]	10.86- 06.87	112728	14	55	10.86- 06.87	110585	12	1.2	
	[C2J766]	AC				10.84- 03.91	110585	12	1.2	
	[C2J767]	10.84- 03.91	112728	14	55	10.84- 03.91	110585	12	1.2	
	[C2J768]	09.85- 03.91	111082	14	60	09.85- 03.91	110585	12	1.2	
	[C1J715]	12.81- 10.84	110920	14	50	12.81- 03.91	110585	12	1.2	
	[C1J792]	10.84- 03.91	112728	14	55	12.81- 03.91	110585	12	1.2	
	[C1J796]	10.84- 03.91	112728	14	55	12.81- 03.91	110585	12	1.2	
	[C2J730]	10.86- 03.91	111082	14	60	10.86- 03.91	110585	12	1.2	
	[C2J718]	AC				09.81- 03.91	110585	12	1.2	
	[C2J757]	09.81- 12.85	111082	14	60	09.81- 10.84	110585	12	1.2	
	[C1J715]	10.84- 03.91	111082	14	60					
		10.84- 03.91	112728	14	55					
		AC								
	[C1J792]	12.81- 10.84	110920	14	50					
		10.84- 03.91	111082	14	60					
		AC								
	[C1J796]	12.81- 10.84	110920	14	50					
		10.84- 03.91	111082	14	60					
		AC								
	[C2J717]	09.81- 10.84	110920	14	50					
		10.84- 03.91	111082	14	60					
		AC								
	[C2J718]	09.81- 10.84	110920	14	50					
		10.84- 03.91	111082	14	60					
		10.84- 03.91	112728	14	55					
	[C2J720]	10.86- 06.87	111082	14	60					
		AC								
	[C2J730]	10.86- 03.91	112728	14	55					
		AC								
	[C2J755]	09.81- 10.84	110920	14	50					
		10.84- 03.91	112728	14	55					
		AC								
	[C2J757]	09.81- 10.84	110920	14	50					
		09.81- 12.85	112728	14	55					
		AC								
	[C2J766]	10.84- 03.91	111082	14	60					
		10.84- 03.91	112728	14	55					
	[C2J767]	10.84- 03.91	111082	14	60					
		AC								
	[C2J768]	09.85- 03.91	112728	14	55					
		AC								
R9 1.4 Turbo	[C1J760]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2	
	[C1J764]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2	
	[C1J760]	10.84- 03.91	112728	14	55					
		AC								
	[C1J764]	10.84- 03.91	112728	14	55					
		AC								
R9 1.6 Diesel	[F8M700]	10.86- 03.91	111172#	14	60	10.82- 03.91	112295	12	1.7	
	[F8M720]	10.86- 03.91	111172#	14	60	10.82- 03.91	112295	12	1.7	
	[F8M730]	10.86- 03.91	111172#	14	60	10.82- 03.91	112295	12	1.7	
	[F8M700]									
	[F8M720]									
	[F8M730]									





Application list

RENAULT Continued

R9 1.7	[F3N708]	06.87- 12.88	112744	14	60	06.87- 12.88	110585	12	1.2
		PS 06.87- 12.88	111322#	14	70	06.87- 12.88	111251	12	1.1
	[F2N730]	10.86- 03.91	112744	14	60	10.86- 03.91	110585	12	1.2
		PS 10.86- 03.91	111322#	14	70	10.86- 03.91	111251	12	1.1
	[F3N718]	10.86- 03.91	112744	14	60	10.86- 03.91	111251	12	1.1
		PS 10.86- 03.91	111322#	14	70	10.86- 03.91	110585	12	1.2
	[F2N708]					10.86- 03.91	110585	12	1.2
	[F2N710]	PS 10.86- 03.91	111322#	14	70	10.86- 03.91	110585	12	1.2
	[F2N798]					10.86- 03.91	110585	12	1.2
						10.86- 12.88	110585	12	1.2
R9 1.7 TXE	[F2N700]					09.84- 03.91	110585	12	1.2
	[F2N700]	09.84- 06.87	112744	14	60				
		PS 09.84- 06.87	111322#	14	70				
	[F2N704]	09.84- 06.87	112744	14	60	09.84- 03.91	110585	12	1.2
		PS 09.84- 06.87	111322#	14	70				
Rapid 1.0	[C1C706]	02.86- 05.92	112728	14	55	02.86- 05.92	110585	12	1.2
Rapid 1.1	[C1E750]	07.85- 04.95	111082	14	60	03.86- 07.90	110585	12	1.2
	[C1E752]	07.85- 04.95	111082	14	60	03.86- 06.89	110585	12	1.2
	[C1E754]	07.85- 04.95	111082	14	60	03.86- 08.91	110585	12	1.2
	[C1E760]	07.85- 04.95	111082	14	60	08.90- 08.91	110585	12	1.2
	[C1E762]	07.85- 04.95	111082	14	60	09.91- 09.96	110585	12	1.2
	[C1E792]	07.85- 04.95	111082	14	60	03.86- 08.91	110585	12	1.2
	[C1E756]	06.87- 08.91	112728	14	55	06.87- 08.91	110585	12	1.2
	[C1E750]	07.85- 04.95	112728	14	55				
	[C1E752]	07.85- 04.95	112728	14	55				
	[C1E754]	07.85- 04.95	112728	14	55				
	[C1E760]	07.85- 04.95	112728	14	55				
	[C1E762]	07.85- 04.95	112728	14	55				
	[C1E792]	07.85- 04.95	112728	14	55				
	Rapid 1.2	[C3G710]	09.91- 10.97	111082	14	60	09.91- 10.97	111251	12
		09.91- 10.97	112728	14	55	09.91- 10.97	110585	12	1.2
[C3G712]		09.91- 10.97	111082	14	60	09.91- 10.97	111251	12	1.1
Rapid 1.4	[C1J768]	07.85- 08.91	112728	14	55	07.85- 08.91	110585	12	1.2
	[C1J780]	07.85- 08.91	112728	14	55	07.85- 08.91	110585	12	1.2
	[C3J700]	03.86- 05.87	111082	14	60	03.86- 05.87	110585	12	1.2
		03.86- 05.87	112728	14	55	A13 03.86- 05.87	113481	12	1.4
	[C3J702]	06.87- 08.91	111082	14	60	06.87- 08.91	110585	12	1.2
		06.87- 08.91	112728	14	55	A13 06.87- 08.91	113481	12	1.4
	[C3J760]	06.87- 08.91	111082	14	60	06.87- 08.91	110585	12	1.2
		06.87- 08.91	112728	14	55	A13 06.87- 08.91	113481	12	1.4
	[C3J762]	09.91- 03.97	111082	14	60	A13 09.91- 03.97	113481	12	1.4
		09.91- 03.97	112728	14	55	09.91- 03.97	111251	12	1.1
	[E7J728]	01.94- 03.98	111325	14	70	03.94- 10.97	111251	12	1.1
	[C2J784]	06.87- 12.96	111082	14	60	06.87- 09.97	110585	12	1.2
	[E7J720]	09.91- 10.97	111325	14	70	09.91- 10.97	111251	12	1.1
		PS 09.91- 10.97	113487#	14	70	A13 09.91- 10.97	113481	12	1.4
	[E7J724]	09.91- 10.97	112756	14	60	A13 09.91- 10.97	113481	12	1.4
		PS 09.91- 10.97	113487#	14	70	09.91- 10.97	111251	12	1.1
	[E7J726]	09.91- 10.97	112756	14	60	A13 09.91- 10.97	113481	12	1.4
		PS 09.91- 10.97	113487#	14	70	09.91- 10.97	111251	12	1.1
	[E7J773]	PS 03.94- 10.97	113487#	14	70	03.94- 10.97	111251	12	1.1
		ACPS				A13 03.94- 10.97	113481	12	1.4
	[C1J768]	07.85- 08.91	111082	14	60				
	[C1J780]	07.85- 08.91	111082	14	60				
	[C2J784]	06.87- 12.96	112728	14	55				
	[E7J720]	09.91- 10.97	112756	14	60				
	ACPS								
[E7J724]	09.91- 10.97	111325	14	70					
	ACPS								
[E7J726]	09.91- 10.97	111325	14	70					
	ACPS								
[E7J728]	01.94- 03.98	112756	14	60					
[E7J773]	03.94- 10.97	111325	14	70					
	03.94- 10.97	112756	14	60					
Rapid 1.6 Diesel	[F8M720]	03.86- 08.98	110905#	14	50	09.91- 08.98	112295	12	1.7
	[F8M730]	03.86- 08.98	110905#	14	50	09.91- 08.98	112295	12	1.7
	[F8M736]	09.91- 08.98	110905#	14	50	09.91- 08.98	112295	12	1.7
	[F8M760]	09.91- 08.98	110905#	14	50	09.91- 08.98	112295	12	1.7
Rapid 1.9 Diesel	[F8Q722]	09.91- 03.98	112769	14	60	09.91- 03.98	112295	12	1.7
		09.91- 03.98	113789#	14	70	09.91- 09.92	113481	12	1.4
	[F8Q724]	09.91- 03.98	112769	14	60	09.91- 03.98	112295	12	1.7
	[F8Q774]	09.91- 03.98	112769	14	60	10.92- 09.96	113481	12	1.4
	[F8Q776]	09.91- 03.98	112769	14	60	09.91- 03.98	112295	12	1.7
	[F8Q640]	PS 09.94- 03.97	111932#	14	80	09.94- 03.98	113789#		
	[F8Q640]					09.94-	113481	12	1.4
	[F8Q682]					09.94- 03.98	113789#		
	[F8Q722]					09.91- 03.98	113789#		
	[F8Q724]					09.91- 10.97	113481	12	1.4
						09.91- 03.98	113789#		
	[F8Q774]					09.91- 03.98	112295	12	1.7
						09.91- 03.98	113789#		
	[F8Q776]					09.91- 03.97	113481	12	1.4
					09.91- 03.97	113789#			
Rodéo 0.8 4	[80001]					10.70- 08.81	110856	12	0.6
Safrane 1.9 16V	[N70710]	09.96-	112557	14	120	07.96- 03.99	112818	12	1.4
	[N70711]	09.96-	112557	14	120	07.96- 03.99	112818	12	1.4
Safrane 2.0	[J7R732]	AC 04.92- 09.96	112792#	14	110				
	[J7R733]	AC 04.92- 09.96	112792#	14	110				
Safrane 2.0 12V	[J7R734]								
	[J7R735]	AC 04.92- 09.96	112792#	14	110				
Safrane 2.1 TD	[J8S760]	AC				11.93- 09.96	111114	12	3.1
	[J8S760]								
Safrane 2.2	[J7T762]					AT 04.92- 09.96	111822	12	1.7
	[J7T763]					AT 04.92- 09.96	111822	12	1.7
	[J7T760]					AT 04.92- 09.96	111822	12	1.7
	[J7T761]					AT 04.92- 09.96	111822	12	1.7
	[J7T760]	AC 04.92- 09.96	112792#	14	110				
	[J7T761]	AC 04.92- 09.96	112792#	14	110				
[J7T762]	AC 04.92- 09.96	112792#	14	110					
[J7T763]	AC 04.92- 09.96	112792#	14	110					
Safrane 2.2 TD	[G8T740]	Chas. 970512- 07.96-	112679	14	110	07.96-	111905#	12	2.2
Safrane 2.5 20V	[N7U700]	07.96-	112557	14	120	07.96- 03.99	112818	12	1.4
	[N7U701]	07.96-	112557	14	120	07.96- 03.99	112818	12	1.4
Safrane 2.5 TD	[S8U762]								
	[S8U763]	AC							
Safrane 2.9 24V	[L7X713]	03.99- 12.00	111941#	14	150				



Safrane 3.0 Biturbo 4x4	[Z7X726]	02.93- 09.96	112791#	14	80	02.93- 09.96	110835	12	1.1
		AC 02.93- 09.96	112789	14	110	02.93- 09.96	111333	12	1.1
Safrane 3.0 V6	[Z7X721]	05.92- 09.96	112791#	14	80	05.92- 09.96	111333	12	1.1
	[Z7X722]					05.92- 09.96	111333	12	1.1
	[Z7X721]	AC 05.92- 09.96	112789	14	110	12.92- 09.96	110835	12	1.1
	[Z7X722]	05.92- 09.96	112791#	14	80	12.92- 09.96	110835	12	1.1
	[Z7X723]					05.92- 09.96	111333	12	1.1
		05.92- 09.96	112791#	14	80	12.92- 09.96	110835	12	1.1
	[Z7X721]								
	[Z7X722]	AC 05.92- 09.96	112789	14	110				
Safrane 3.0 V6 4x4	[Z7X721]					12.92- 09.96	110835	12	1.1
		AC 12.92- 09.96	112789	14	110	12.92- 09.96	111333	12	1.1
	[Z7X722]	12.92- 09.96	112791#	14	80	12.92- 09.96	111333	12	1.1
		AC 12.92- 09.96	112789	14	110	12.92- 09.96	110835	12	1.1
	[Z7X723]	12.92- 09.96	112791#	14	80	12.92- 09.96	111333	12	1.1
		AC 12.92- 09.96	112789	14	110	12.92- 09.96	110835	12	1.1
[Z7X721]	12.92- 09.96	112791#	14	80					
[Z7X722]									
[Z7X723]									
Sandero 1.6 Hi-Flex		11.07-	113940	14	110	11.07-	113932	12	0.85
Scélic 1.4	[K4J730]	06.03-	113940	14	110	06.03-	113932	12	0.85
		06.03-	113945	14	150	06.03-	113255		
	[K4J740]	06.03-	113940	14	110	06.03-	113255		
Scélic 1.4 16V		06.03-	113945	14	150	06.03-	113932	12	0.85
	[K4J714]	02.01-	112199	14	75	02.01-	112218	12	1.0
	[K4J750]	A22 08.99-	112144	14	98				
	[K4J714]	AC 02.01-	112144	14	98	08.98-	112218	12	1.0
	[K4J750]	08.99-	112144	14	98				
Scélic 1.4 i	[E7J764]	11.96-	111512	14	110	11.96-	111251	12	1.1
		11.96-	112695	14	80				
Scélic 1.5 DCI	[K9K722]	05.05-	114354	14	150	06.03-	113927	12	1.1
	[K9K722]	06.03-	113940	14	110				
		06.03-	113945	14	150				
	[K9K724]	05.05-	114354	14	150				
	[K9K728]	11.03-	113940	14	110				
		11.03-	113945	14	150				
		01.07-	114354	14	150				
	[K9K729]	11.03-	113940	14	110				
		11.03-	113945	14	150				
	[K9K732]	05.05-	113945	14	150				
	05.05-	114354	14	150					
[K9K830]					04.09-	113897	12	1.4	
[K9K836]					04.09-	113897	12	1.4	
Scélic 1.6 16V	[K4M700]	01.99-	112144	14	98	01.99-	112218	12	1.0
	[K4M701]	AC 02.00-	112144	14	98	02.01-	112218	12	1.0
	[K4M704]	08.98-	112199	14	75	08.98-	112218	12	1.0
	[K4M708]	AC 08.99-	112144	14	98	08.99-	112218	12	1.0
	[K4M788]	01.07-	113945	14	150	01.07-	113932	12	0.85
	[K4M812]	01.07-	113940	14	110	01.07-	113932	12	0.85
	[K4M700]	01.99-	112199	14	75				
		AC 01.99-	112144	14	98				
		A22 01.99-	112144	14	98				
	[K4M701]	02.01-	112199	14	75				
	[K4M704]	AC 08.98-	112144	14	98				
	[K4M708]	08.99-	112199	14	75				
	[K4M812]	01.07-	113945	14	150				
	[K4M761]	06.03-	113940	14	110	06.03-	112218	12	1.0
	06.03-	113945	14	150	06.03-	113932	12	0.85	
[K4M782]	06.03-	113945	14	150	06.03-	113932	12	0.85	
[K4M761]					06.03-	113255			
[K4M782]					06.03-	113255			
Scélic 1.6 i	[K7M702]	01.96-	111512	14	110	01.96-	111251	12	1.1
		01.96-	112695	14	80				
Scélic 1.8 16V	[F4P720]	01.01-	112144	14	98	11.00- 04.03	113761	12	0.9
	[F4P722]	01.01-	112144	14	98	01.01- 08.03	113761	12	0.9
Scélic 1.9 DCI	[F9Q732]	AC 11.00-	112458	14	120	11.00-	113930	12	1.4
	[F9Q733]	AC 11.00-	112458	14	120	11.00-	113930	12	1.4
	[F9Q812]	06.03-	114039	14	120	06.03-	112474	12	1.8
	[F9Q732]	11.00-	111718	14	75				
	[F9Q803]	05.05-	113945	14	150				
		06.03-	113919	14	125				
		06.03-	113994	14	155				
		05.05-	113837	14	150				
	[F9Q812]	06.03-	113919	14	125				
Scélic 1.9 DCI RX4	[F9Q740]	AC 06.00-	112458	14	120	11.00- 08.03	113930	12	1.4
	[F9Q740]	03.99-	111718	14	75				
Scélic 1.9 DTI	[F9Q731]	AC 09.99-	112458	14	120	09.99-	112295	12	1.7
		A22				09.99-	113481	12	1.4
	[F9Q734]	A22 06.97- 02.99	111775	14	120	06.97- 08.03	111251	12	1.1
	[F9Q736]	AC 09.99-	112458	14	120	09.99-	112295	12	1.7
		A22				09.99-	113481	12	1.4
	[F9Q744]	AC 11.00-	112458	14	120	02.01- 08.03	113929	12	1.2
		A22				02.01- 08.03	113930	12	1.4
	[F9Q731]	09.99-	111718	14	75				
	[F9Q734]					06.97- 02.99	112295	12	1.7
						06.97- 02.99	113481	12	1.4
[F9Q736]	09.99-	111718	14	75					
[F9Q744]	11.00-	111718	14	75					
Scélic 2.0	[F4R770]	06.03-	113919	14	125				
		06.03-	114039	14	120				
	[F4R771]	06.03-	113919	14	125				
	06.03-	114039	14	120					
Scélic 2.0 16V	[F4R740]	AC 07.00-	112144	14	98	03.99- 04.03	113761	12	0.9
	[F4R741]	03.99-	112144	14	98	03.99- 04.03	113761	12	0.9
	[F4R740]	07.00-	112144	14	98				
Scélic 2.0 16V RX4	[F4R744]	06.00-	112144	14	98	11.00- 04.03	113761	12	0.9
	[F4R744]	AC 06.99-	112144	14	98				
Scélic 2.0 i	[F3R...]	AC 11.96-	112679	14	110	11.96-	111251	12	1.1
Scélic 2.0 IDE 16V	[F4R740]	03.00-	112144	14	98	09.99- 08.03	113761	12	0.9
	[F4R741]					09.99- 08.03	113761	12	0.9
	[F4R744]					09.99- 08.03	113761	12	0.9
Scélic 2.0 Turbo 16V	[F4R776]	05.04-	113919	14	125				
		05.04-	114039	14	120				
Sport Spider 2.0 16V	[F7R710]					03.95-	111251	12	1.1
	[F7R712]					03.95-	111251	12	1.1
	[F7R720]					03.95-	111251	12	1.1
Super 5 1.0	[C1C700]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55				
Super 5 1.1	[C1E750]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
	[C1E750]	10.84- 12.96	112728	14	55				
	[C1E752]					10.84- 06.89	110585	12	1.2
	[C1E754]					10.84- 06.89	110585	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT Continued

Super 5 1.2	[C1G702]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
	[C1G720]	10.86- 12.96	111082	14	60	10.86- 12.96	110585	12	1.2
	[C1G722]	03.90- 12.96	111082	14	60	03.90- 12.96	110585	12	1.2
Super 5 1.6 Diesel	[F8M720]	10.84- 12.96	110905#	14	50	10.84- 12.96	112295	12	1.7
	[F8M730]	04.85- 12.90	110905#	14	50				
Thalia 1.2 16V	[D4F712]					04.02-	111641	12	0.9
Thalia 1.4	[K7J700]	AC 05.01-	112144	14	98	05.01-	111251	12	1.1
Thalia 1.4 16V	[K4J712]	06.01-	112199	14	75	08.00-	112218	12	1.0
		AC 06.01-	112144	14	98				
Thalia 1.5 DCI	[K9K700]	AC 09.01-	113248	14	120	04.02-	113927	12	1.1
	[K9K702]	06.01-	113940	14	110	06.01-	113927	12	1.1
Thalia 1.6 16V	[K4M734]	09.08-	112144	14	98	09.08-	112218	12	1.0
		09.08-	112199	14	75				
	[K4M740]	04.02-	112199	14	75	04.02-	112218	12	1.0
Trafic 1.4	[847700]					03.80- 04.89	110866	12	0.9
	[C1J700]					03.80- 10.97	110866	12	0.9
Trafic 1.6	[847701]					03.80- 04.89	110866	12	0.9
	[841705]	03.80- 02.89	110754#	14	55	03.80- 05.87	111110		
	[A1M705]	03.80- 06.86	110754#	14	55	03.80- 06.86	111110		
	[841705]					05.87- 02.89	110585	12	1.2
	[A1M705]								
	[A1M707]					05.87- 02.89	110585	12	1.2
			09.80- 02.89	110754#	14	55	09.80- 05.87	111110	
Trafic 1.6 4x4	[A1M707]	09.80- 02.89	110754#	14	55	05.87- 02.89	110585	12	1.2
	[A1M707]	03.80- 08.86	110754#	14	55	09.80- 05.87	111110		
Trafic 1.7	[F1N722]	06.86- 10.97	112744	14	60	06.86- 04.89	110585	12	1.2
		06.86- 10.97	112751#	14	70	A13 06.86- 04.89	112295	12	1.7
	[F1N720]	08.92- 10.97	112744	14	60	08.92- 10.97	111251	12	1.1
		08.92- 10.97	112751#	14	70				
	[F1N722]					05.89- 10.97	111251	12	1.1
	[F1N724]	06.86- 10.97	112744	14	60	A13 06.86- 04.89	112295	12	1.7
Trafic 1.9 DCI 100		06.86- 10.97	112751#	14	70	06.86- 04.89	110585	12	1.2
	[F9Q760]	03.01-	112471	14	125	03.01-	112474	12	1.8
		03.01-	113248	14	120				
Trafic 1.9 DCI 80		AC 03.01-	112471	14	125				
	[F9Q762]	03.01-	113248	14	120	03.01-	112474	12	1.8
Trafic 1.9 Diesel		AC 03.01-	112471	14	125				
	[F8Q606]	06.97-	111718	14	75	06.97- 03.01	111251	12	1.1
						06.97-	112295	12	1.7
						06.97-	113481	12	1.4
Trafic 2.0	[J5R726]					03.80- 10.97	111063	12	1.2
	[J5R716]	06.86- 10.97	111163#	14	60	A13 06.86- 10.97	111124	12	2.2
						06.86- 10.97	111063	12	1.2
	[J5R722]	06.86- 04.89	111163#	14	60	A13 06.86- 04.89	111124	12	2.2
						06.86- 04.89	111063	12	1.2
	[J5R726]	03.80- 10.97	111163#	14	60	A13 03.80- 10.97	111124	12	2.2
	[829720]					03.80- 12.86	111063	12	1.2
	[829721]					A13 09.80- 12.86	111124	12	2.2
						09.80- 12.86	111063	12	1.2
	[F4R720]	AC 03.01-	113245	14	125				
[F4R722]	03.01-	114122	14	150					
Trafic 2.0 4x4		AC 03.01-	113245	14	125				
	[J5R716]					06.86- 10.97	111063	12	1.2
	[J5R722]	06.86- 04.89	111163#	14	60	A13 06.86- 04.89	111124	12	2.2
	[J5R726]	06.86- 10.97	111163#	14	60	A13 06.86- 10.97	111124	12	2.2
	[J5R722]					06.86- 04.89	111063	12	1.2
	[J5R726]					06.86- 10.97	111063	12	1.2
[J5R716]	06.86- 10.97	111163#	14	60	A13 06.86- 10.97	111124	12	2.2	
Trafic 2.0 16V	[F4R820]	08.06-	114122	14	150				
Trafic 2.1 Diesel	[J8S620]	06.94- 10.97	111171	14	70	06.94- 10.97	111114	12	3.1
	[J8S758]	06.94- 10.97	111171	14	70	06.94- 10.97	111114	12	3.1
	[852720]	03.80- 10.97	111144	14	70	03.80- 10.97	111114	12	3.1
	[852750]	09.80- 10.97	111163#	14	60	09.80- 10.97	111114	12	3.1
	[852720]	03.80- 10.97	111072	14	50				
		03.89- 10.97	111171	14	70				
		03.89- 10.97	111163#	14	60				
[852750]	09.80- 10.97	111072	14	50					
Trafic 2.1 Diesel 4x4		09.80- 10.97	111144	14	70				
		09.80- 10.97	111171	14	70				
	[852750]	11.86- 04.89	111072	14	50	11.86- 04.89	111114	12	3.1
	[852750]	11.86- 04.89	111171	14	70				
Trafic 2.2	[J7T600]	06.94- 10.97	111171	14	70				
	[J7T780]	03.89- 10.97	111163#	14	60	A13 03.89- 10.97	111124	12	2.2
Trafic 2.2 4x4						03.89- 10.97	111063	12	1.2
	[J7T780]					A13 05.89- 06.94	111124	12	2.2
	[J7T780]	05.89- 09.94	111163#	14	60	05.89- 06.94	111063	12	1.2
Trafic 2.5 DCI	[J7T600]	06.94- 10.97	111171	14	70				
	[G9U730]	05.03-	113248	14	120	05.03-	112475	12	2.1
	[G9U630]	08.06-	113837	14	150				
Trafic 2.5 Diesel	[G9U730]	06.02-	112471	14	125				
		AC 06.02-	113245	14	125				
	[8140.61.240]	09.80- 04.89	110889	14	75	03.89-	113134	12	2.2
	[S8U720]	09.80- 09.81	110889	14	75	03.89-	113134	12	2.2
						03.80- 03.01	110814	12	2.7
	[S8U722]					03.89-	113134	12	2.2
	[8140.61.240]					03.80- 03.01	110814	12	2.7
[S8U722]	09.80- 04.89	110889	14	75	03.80- 03.01	110814	12	2.7	
[8140.67.2500]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
[8140.67.2550]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
[8140.67.2580]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
[S8U750]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
[S8U752]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
[S8U758]	05.89- 03.01	110889	14	75	05.89- 03.01	113134	12	2.2	
Trafic 2.5 Diesel 4x4	[81406.72500]	08.99-	110889	14	75	03.89- 10.97	113134	12	2.2
	[81406.72580]	08.99-	110889	14	75	03.89- 10.97	113134	12	2.2
	[S8U758]					08.99-	113134	12	2.2
	[8140.67.2500]	05.89-	110889	14	75	05.89-	113134	12	2.2
	[8140.67.2580]	05.89-	110889	14	75	05.89-	113134	12	2.2
	[S8U750]	05.89-	110889	14	75	05.89-	113134	12	2.2
	[S8U752]	05.89-	110889	14	75	05.89-	113134	12	2.2
	[81406.72550]	08.99-	110889	14	75				
	[8140.67.2500]								
	[8140.67.2580]								
	[S8U750]								
	[S8U752]								
[S8U758]	08.99-	110889	14	75					
Twingo 1.1 100	[D4F78..]	02.11-	114131	14	90	02.11-	114095	12	0.85



Twingo 1.2	[D7F702]	09.98-	113577	14	75			05.96-	02.04	111641	12	0.9	
	[D7F703]	05.00-	113403	14	75			01.96-	02.04	111641	12	0.9	
	[D7F701]	AC 09.96-	01.98	112165	14	75		05.96-	02.04	111641	12	0.9	
	[D7F700]	09.96-	113577	14	75			05.96-	02.04	111641	12	0.9	
	[D7F706]	09.98-	113577	14	75			09.98-		111641	12	0.9	
	[C3G700]	03.93-	08.96	111803	14	60		03.93-	08.96	113753	12	0.9	
	[C3G702]	03.93-	08.97	111803	14	60		03.93-	08.97	113753	12	0.9	
	[D7F704]	05.00-	113403	14	75			05.96-		111641	12	0.9	
	[C3G700]	AC											
	[C3G702]	AC											
	[D7F700]	05.00-	113403	14	75								
		09.96-	02.98	112165	14	75							DR
		AC 09.96-	01.98	112165	14	75							DR
	[D7F701]	05.00-	113403	14	75								
	09.96-	02.98	112165	14	75								
	09.96-		113577	14	75								
[D7F702]	05.00-	113403	14	75									
[D7F704]	05.96-	113577	14	75									
[D7F800]	03.07-	114131	14	90									
[D4F702]	09.00-	113403	14	75			09.00-	02.04	111641	12	0.9		
[D4F704]	01.01-	113403	14	75			09.00-	02.04	111641	12	0.9		
[D4F708]	08.04-	113403	14	75									
[D4F772]	03.07-	114131	14	90									
[D4F780]	03.07-	114131	14	90									
Twingo 1.2 Turbo													
Twingo 1.5 DCI	[K9K740]	03.07-	113940	14	110								
		03.07-	114463	14	120								
		04.08-	114463	14	120								
Vel Satis 2.0 Turbo 16V	[F4R762]	06.02-	113245	14	125								
		06.02-	114122	14	150								
	[F4R763]	06.02-	113245	14	125								
		06.02-	114122	14	150								
	[F4R766]	04.04-	113837	14	150								
Vel Satis 2.2 CDI	[G9T702]	06.02-	113245	14	125		06.02-		112475	12	2.1		
Vel Satis 2.2 DCI	[G9T600]	04.04-	114122	14	150								
	[G9T606]	09.04-	114122	14	150								
							12.04-		114161	12	2.4		
Wind 1.1 100	[D4F78...]	02.11-	114131	14	90		02.11-		114095	12	0.85		
Wind 1.2	[D4F782]	07.10-	114131	14	90		07.10-		114095	12	0.85		
Wind 1.6	[K4M854]						07.10-		114057	12			
<b>PASSENGER CARS US</b>													
Alliance 1.4		01.83-	01.87	110754#	14	55		01.83-	01.87	110585	12	1.2	
Alliance 1.4 DL		01.83-	01.87	110754#	14	55		01.83-	01.87	110585	12	1.2	
Alliance 1.4 L								01.83-	01.87	110585	12	1.2	
Alliance 1.4 Limited		01.83-	01.87	110754#	14	55		01.83-	01.87	110585	12	1.2	
		01.83-	01.84	110754#	14	55		01.83-	01.84	110585	12	1.2	
Alliance 1.7		01.86-	01.87	111144	14	70							
Alliance 1.7 DL		01.85-	01.87	111144	14	70							
Alliance 1.7 GS		01.87-	01.87	111144	14	70							
Alliance 1.7 L		01.85-	01.87	111144	14	70							
Alliance 1.7 Limited		01.85-	01.85	111144	14	70							
Encore 1.4		01.84-	01.86	110754#	14	55		01.84-	01.86	110585	12	1.2	
Encore 1.4 GS		01.84-	01.84	110754#	14	55		01.84-	01.84	110585	12	1.2	
Encore 1.4 LS		01.84-	01.86	110754#	14	55		01.84-	01.86	110585	12	1.2	
Encore 1.4 S								01.84-	01.86	110585	12	1.2	
		01.84-	01.86	110754#	14	55							
Encore 1.7 Electronic		01.86-	01.86	111144	14	70							
Encore 1.7 GS		01.85-	01.86	111144	14	70							
Encore 1.7 LS		01.85-	01.86	111144	14	70							
Encore 1.7 S		01.85-	01.86	111144	14	70							
Fuego 1.6		01.82-	01.83	110754#	14	55							
Fuego 1.6 Turbo		01.82-	01.84	110754#	14	55		01.82-	01.84	111124	12	2.2	
Fuego 2.2		01.84-	01.85	112755	14	90		01.84-	01.85	111063	12	1.2	
								01.84-	01.85	111124	12	2.2	
Lecar 1.3								01.77-	01.79	110367	12	1.0	
Lecar 1.4								01.80-	01.83	110367	12	1.0	
Lecar 1.4 Deluxe								01.81-	01.83	110367	12	1.0	
R10 1.3								01.68-	01.71	110367	12	1.0	
R16 1.6								01.69-	01.72	111101	12	0.9	
								01.69-	01.72	110367	12	1.0	
R18 1.6													
		01.81-	01.81	110754#	14	55							
R18 1.6 i		01.81-	01.83	110754#	14	55							
R18 2.2 i Sport		01.84-	01.86	112755	14	90		01.84-	01.86	111124	12	2.2	
R5 1.3								01.76-	01.76	110367	12	1.0	
R5 2.2 GTL		01.86-		112755	14	90							
R5 2.2 TL		01.86-		112755	14	90							
<b>PASSENGER CARS AO</b>													
Espace 1.9 DCI Expression	[F9Q820]	04.03-	02.05	113994	14	155							
Espace 2.1 Diesel RTDT Quadra	[J8S772]	01.91-	05.92	111171	14	70							
		01.91-	05.92	111319	14	105							
Laguna 2.2 DCI Authentique	[G9T600]							04.04-	10.05	114161	12	2.4	
	[G9T600]	04.04-	10.05	114122	14	150		04.04-	10.05	112475	12	2.1	
R19 1.4	[E6J700]							07.88-	08.90	113481	12	1.4	
	[E6J701]							07.88-	08.90	113481	12	1.4	
Scenic 1.6	[K4M708]	03.01-	08.03	112199	14	75		03.01-	08.03	112218	12	1.0	
	[K4M709]	03.01-	08.03	112144	14	98		03.01-	08.03	112218	12	1.0	
	[K4M708]	03.01-	08.03	112144	14	98							
	[K4M709]	03.01-	08.03	112199	14	75							
Thalia 1.5 DCI RT	[K9K702]	06.01-	10.03	113940	14	110		06.01-	10.03	113927	12	1.1	
Traffic 2.5 DCI		08.07-		113837	14	150							
<b>AGRICULTURE</b>													
Ares 710	[DPSG-6068T1]									113532	12	3.0	
Ares 720	[DPSG-6068T2]									113532	12	3.0	
Ares 836	[DPSG-6068T2]									113532	12	3.0	
Various Models										113432			
										111332	12	2.7	
<b>MARINE</b>													
Various Models				110048	14	35							
<b>Renault V.I.</b>													
<b>PASSENGER CARS EU</b>													
110.35 2.8	(Mascott)[8140.43.B.3586]							01.99-	06.04	112441	12	2.3	
	[8140.43.B.3588]							01.99-	06.04	112441	12	2.3	
	[8140.43.C.2586]	01.99-	01.01	113280	14	90		01.99-	01.01	112441	12	2.3	
110.50 2.8	(Mascott)[8140.43.B.3586]							01.99-	06.04	112441	12	2.3	
	[8140.43.B.3588]							01.99-	06.04	112441	12	2.3	
	[8140.43.C.2586]	01.99-	01.01	113280	14	90		01.99-	01.01	112441	12	2.3	
110.55 2.8	(Mascott)[8140.43.B.3586]							01.99-	06.04	112441	12	2.3	
	[8140.43.B.3588]							01.99-	06.04	112441	12	2.3	
	[8140.43.C.2586]	01.99-	01.01	113280	14	90		01.99-	01.01	112441	12	2.3	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**RENAULT V.I. Continued**

110.60 2.8	(Mascott)[8140.43.B.3586]					01.99- 06.04	112441	12	2.3	
	[8140.43.B.3588]					01.99- 06.04	112441	12	2.3	
	[8140.43.C.2586]	01.99- 01.01	113280	14	90	01.99- 01.01	112441	12	2.3	
120.35 3.0	(Mascott)[DXI3]					05.04-	114032	12	2.5	
	[ZD3A600]					05.04-	114032	12	2.5	
120.55 3.0	(Mascott)[DXI3]					05.04-	114032	12	2.5	
	[ZD3A600]					05.04-	114032	12	2.5	
120.65 3.0	(Mascott)[DXI3]					05.04-	114032	12	2.5	
	[ZD3A600]					05.04-	114032	12	2.5	
130.35 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90	01.99- 01.01	112441	12	2.3	
	[8140.43.S.3585]					01.99- 06.04	112441	12	2.3	
130.55 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90	01.99- 01.01	112441	12	2.3	
	[8140.43.S.3585]					01.99- 06.04	112441	12	2.3	
130.65 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90	01.99- 01.01	112441	12	2.3	
	[8140.43.S.3585]					01.99- 06.04	112441	12	2.3	
140.35 2.8	(Mascott)[8140.43K]	01.01-	113280	14	90	01.01-	112441	12	2.3	
140.55 2.8	(Mascott)[8140.43K]	01.01-	113280	14	90	01.01-	112441	12	2.3	
140.65 2.8	(Mascott)[8140.43K]	01.01-	113280	14	90	01.01-	112441	12	2.3	
150.35 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14	90	10.01-	112441	12	2.3	
150.55 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14	90	10.01-	112441	12	2.3	
150.65 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14	90	10.01-	112441	12	2.3	
160.35 3.0	(Mascott)[DXI3]					05.04-	114032	12	2.5	
	[ZD3A604]					05.04-	114032	12	2.5	
160.55 3.0	(Mascott)[DXI3]					05.04-	114032	12	2.5	
	[ZD3A604]					05.04-	114032	12	2.5	
160.65 3.0	(Mascott)[DXI3]					05.04-	114032	12	2.5	
	[ZD3A604]					05.04-	114032	12	2.5	
90.35 2.8	(Mascott)[8140.63.2585]	01.99- 01.01	113280	14	90	01.99- 01.01	112441	12	2.3	
B 110.45 2.8	(Messenger)[8140.23.2585]	06.96- 06.99	110889	14	75	06.96- 06.99	113134	12	2.2	
		06.96- 06.99	111319	14	105					
B 120.35 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75	06.96- 06.99	113134	12	2.2	
B 120.55 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14	75	07.94- 07.96	113134	12	2.2	
		07.94- 07.96	111319	14	105					
B 120.55 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75	06.96- 06.99	113134	12	2.2	
		06.96- 06.99	111319	14	105					
B 120.55 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75	06.96- 06.99	113134	12	2.2	
		06.96- 06.99	111319	14	105					
B 120.65 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14	75	07.94- 07.96	113134	12	2.2	
		07.94- 07.96	111319	14	105					
B 120.65 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75	06.96- 06.99	113134	12	2.2	
		06.96- 06.99	111319	14	105					
B 70 2.4 Diesel	[8140.61.235]	01.83- 12.90	110889	14	75	11.85- 12.90	113134	12	2.2	
B 80.35 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14	75	08.90- 06.94	113134	12	2.2	
		08.90- 06.94	111319	14	105					
	[8140.07.2585]	07.94- 07.96	110889	14	75	07.94- 07.96	113134	12	2.2	
		07.94- 07.96	111319	14	105					
	[8140.67.2585]	06.96- 06.99	110889	14	75	06.96- 06.99	113134	12	2.2	
		06.96- 06.99	111319	14	105					
B 80.45 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14	75	08.90- 07.96	113134	12	2.2	
		08.90- 06.94	111319	14	105					
	[8140.07.2585]	07.94- 07.96	110889	14	75	07.94- 07.96	113134	12	2.2	
		07.94- 07.96	111319	14	105					
	[8140.67.2585]	06.96- 06.99	110889	14	75	06.96- 06.99	113134	12	2.2	
		06.96- 06.99	111319	14	105					
B 90 2.4 Diesel	[8140.21.235 IDS]	01.86- 06.94	110889	14	75	04.86- 01.92	113134	12	2.2	
<b>TRUCKS EU</b>										
300 9.8	(Ares)[MIDR 06.20.45 R41]	04.98-	112189	28	80	04.98-	111231	24	6.6	
340 9.8	(Ares)[MIDR 06.20.45 M41]	04.98-	112189	28	80	04.98-	111231	24	6.6	
		04.98-	112343	28	140					
380 11.1	(Ares)[MIDR 06.23.56 A41]	06.00-	112189	28	80	06.00-	111231	24	6.6	
		06.00-	112343	28	140					
110.28 2.5	(Mascott)[DXI2.5]	03.07-	114244	14	130					
	(Maxity)[DXI2.5]	03.07-	114244	14	130					
110.32 2.5	(Maxity)[DXI2.5]	03.07-	114244	14	130					
110.35 2.5	(Maxity)[DXI2.5]	03.07-	114244	14	130					
130.35 2.5	(Maxity)[DXI2.5]	03.07-	114244	14	130					
130.45 2.5	(Maxity)[DXI2.5]	03.07-	114244	14	130					
135.08 4.1	(Midlum)[MIDR04.02.26A/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
135.09 4.1	(Midlum)[MIDR04.02.26A/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
135.10 4.1	(Midlum)[MIDR04.02.26A/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
150.08 4.1	(Midlum)[DCI4B]	10.01-	112189	28	80	10.01-	113466	24	4.0	
	[MIDR04.02.26B/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
150.09 4.1	(Midlum)[MIDR04.02.26B/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
150.10 4.1	(Midlum)[DCI4B]	10.01-	112189	28	80	10.01-	113466	24	4.0	
	[MIDR04.02.26B/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
150.12 4.1	(Midlum)[DCI4B]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
	[MIDR04.02.26B/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
160.08 4.8	(Midlum)[DXI5]	05.06-	110163	28	45					
		05.06-	111331	28	60					
		05.06-	114303	28	100					
160.10 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
160.12 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
180.08 4.1	(Midlum)[DCI4C]	07.01-	112189	28	80	10.01-	113466	24	4.0	
180.08 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
180.09 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
180.10 4.1	(Midlum)[DCI4C]	07.01-	112189	28	80	10.01-	113466	24	4.0	
180.10 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
180.12 4.1	(Midlum)[DCI4C]	07.01-	112189	28	80	10.01-	113466	24	4.0	
180.12 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	
190.08 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
190.10 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
190.12 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
190.13 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
190.14 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
190.16 4.8	(Midlum)[DXI5]	05.06-	114303	28	100					
210.08 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28	80	01.00-	113466	24	4.0	

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



210.09.6.2	(Midlum)[MIDR06.02.26W/4]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
210.10.6.2	(Midlum)[MIDR06.02.26W/4]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
210.12.6.2	(Midlum)[MIDR06.02.26W/4]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
210.13.6.2	(Midlum)[MIDR06.02.26W/4]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
210.14.6.2	(Midlum)[MIDR06.02.26W/4]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
210.15.6.2	(Midlum)[MIDR06.02.26W/4]	01.00-06.01	112189	28	80	01.00-	113466	24	4.0
210.16.6.2	(Distribution)[MIDR06.02.26W/4]	04.96-09.98	112113	28	60	04.96-	113466	24	4.0
		04.96-12.99	112189	28	80				
	(Midlum)[MIDR06.02.26W/4]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
210.18.6.2	(Distribution)[MIDR06.02.26W/4]	04.96-09.98	112113	28	60	04.96-	113466	24	4.0
		04.96-	112189	28	80				
220.08.6.2	(Midlum)[DCI6W]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
220.10.4.8	(Midlum)[DXI5]	05.06-	114303	28	100				
220.10.6.2	(Midlum)[DCI6W]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
220.12.4.8	(Midlum)[DXI5]	05.06-	114303	28	100				
220.12.6.2	(Midlum)[DCI6W]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
220.13.4.8	(Midlum)[DXI5]	05.06-	114303	28	100				
220.13.6.2	(Midlum)[DCI6W]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
220.14.4.8	(Midlum)[DXI5]	05.06-	114303	28	100				
220.14.6.2	(Midlum)[DCI6W]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
220.15.6.2	(Midlum)[DCI6W]	07.01-	112189	28	80	10.01-	113466	24	4.0
220.16.4.8	(Midlum)[DXI5]	05.06-	114303	28	100				
220.16.6.2	(Midlum)[DCI6W]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
220.18.6.2	(Distribution)[DCI6W]	04.96-	112189	28	80	04.96-	113466	24	4.0
	(Midlum)[DCI6W]	07.01-	112189	28	80	10.01-	113466	24	4.0
240.12.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
240.13.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
240.14.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
240.15.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
240.16.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
240.18.7.2	(Distribution)[DXI7]	05.06-	114303	28	100				
	(Midlum)[DXI7]	05.06-	114303	28	100				
250.12.6.2	(Midlum)[MIDR06.02.26Y/41]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
250.13.6.2	(Midlum)[MIDR06.02.26Y/41]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
250.14.6.2	(Midlum)[MIDR06.02.26Y/41]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
250.15.6.2	(Midlum)[MIDR06.02.26Y/41]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
250.16.6.2	(Distribution)[MIDR06.02.26Y/41]	04.96-09.98	112113	28	60	04.96-	113466	24	4.0
		04.96-12.99	112189	28	80				
	(Midlum)[MIDR06.02.26Y/41]	02.00-06.01	112189	28	80	01.00-	113466	24	4.0
250.18.6.2	(Distribution)[MIDR06.02.26Y/41]	04.96-09.98	112113	28	60	04.96-	113466	24	4.0
		04.96-	112189	28	80				
250.19.6.2	(Distribution)[MIDR06.02.26Y/41]	04.96-09.98	112113	28	60	04.96-	113466	24	4.0
		04.96-12.99	112189	28	80				
260.16.9.8	(Distribution)[MIDR06.20.45C/4]	04.96-12.99	112113	28	60	04.96-09.98	111231	24	6.6
		04.96-12.99	112189	28	80				
260.18.9.8	(Distribution)[MIDR06.20.45C/4]	04.96-12.99	112113	28	60				
		04.96-12.99	112189	28	80				
	(Kerax)[MIDR06.20.45C/4]	06.97-	112189	28	80	06.97-12.99	111231	24	6.6
						06.97-	113676	24	5.5
260.19.9.8	(Distribution)[MIDR06.20.45C/4]	04.96-12.99	112113	28	60	04.96-09.98	111231	24	6.6
		04.96-12.99	112189	28	80				
270.12.6.2	(Midlum)[DCI6A]	07.01-	112189	28	80	10.01-	113466	24	4.0
270.13.6.2	(Midlum)[DCI6A]	07.01-	112189	28	80	10.01-	113466	24	4.0
270.14.6.2	(Midlum)[DCI6A]	07.01-	112189	28	80	10.01-	113466	24	4.0
270.16.6.2	(Midlum)[DCI6A]	07.01-	112189	28	80	10.01-	113466	24	4.0
270.18.11.1	(Kerax)[DCI11-270]					01.01-	113672	24	5.5
						01.01-	113673	24	5.5
270.18.6.2	(Distribution)[DCI6A]					08.00-	113466	24	4.0
	(Midlum)[DCI6A]	07.01-	112189	28	80	10.01-	113466	24	4.0
270.18.7.2	(Lander)[DXI7]	10.06-	114303	28	100				
270.19.7.2	(Distribution)[DXI7]	10.06-	114303	28	100				
	(Lander)[DXI7]	10.06-	114303	28	100				
280.12.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
280.13.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
280.14.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
280.16.7.2	(Midlum)[DXI7]	05.06-	114303	28	100				
280.18.7.2	(Distribution)[DXI7]	10.05-	114303	28	100				
	(Midlum)[DXI7]	05.06-	114303	28	100				
280.26.7.2	(Distribution)[DXI7]	10.05-	114303	28	100				
300.16.9.8	(Distribution)[MIDR06.20.45D/41]	02.96-05.99	112113	28	60	04.96-	113676	24	5.5
		02.96-12.99	112189	28	80				
	(Route)[MIDR06.20.45D/41]	02.96-05.99	112113	28	60	09.96-	113676	24	5.5
300.18.9.8	(Distribution)[MIDR06.20.45D/41]	04.96-	112189	28	80	04.96-09.98	111231	24	6.6
						04.96-	113676	24	5.5
	(Kerax)[MIDR06.20.45D/41]	01.00-	112189	28	80	06.97-	113676	24	5.5
		06.00-	112113	28	60	06.97-12.99	111231	24	6.6
	(Route)[MIDR06.20.45D/41]	02.96-05.99	112113	28	60	09.96-	113676	24	5.5
		02.96-12.99	112189	28	80	09.96-09.98	111231	24	6.6
300.19.9.8	(Distribution)[MIDR06.20.45D/41]	02.96-05.99	112113	28	60	04.96-	113676	24	5.5
		02.96-12.99	112189	28	80				
	(Route)[MIDR06.20.45D/41]	02.96-05.99	112113	28	60	09.96-	113676	24	5.5
		02.96-12.99	112189	28	80				
300.26.9.8	(Distribution)[MIDR06.20.45D/41]	04.96-	112189	28	80	04.96-09.98	111231	24	6.6
						04.96-	113676	24	5.5
	(Kerax)[MIDR06.20.45D/41]	01.00-	112189	28	80	06.97-12.99	111231	24	6.6
		06.00-	112113	28	60	06.97-	113676	24	5.5
	[MIDR06.20.45E/41]	01.00-	112189	28	80	06.97-	111231	24	6.6
		06.00-	112113	28	60	06.97-	113676	24	5.5
310.18.7.2	(Distribution)[DXI7]	10.06-	114303	28	100				
310.19.7.2	(Lander)[DXI7]	10.06-	114303	28	100				
310.26.7.2	(Distribution)[DXI7]	10.06-	114303	28	100				
	(Lander)[DXI7]	10.06-	114303	28	100				
	(Premium 2)[DXI7]	10.06-	114303	28	100				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT V.I. Continued

320.18 11.1	(Distribution)[DCI11G]	04.01-	112189	28	80	08.00-	113672	24	5.5		
	(Kerax)[DCI11G]					08.00-	113673	24	5.5		
320.18 7.2	(Distribution)[DXI7]	10.05-	114303	28	100	01.01-	113672	24	5.5		
	(Distribution)[DCI11G]	04.01-	112189	28	80	01.01-	113673	24	5.5		
320.24 11.1	(Distribution)[DCI11G]	04.01-	112189	28	80	08.00-	113672	24	5.5		
						08.00-	113673	24	5.5		
320.26 11.1	(Distribution)[DCI11G]	08.00-	112189	28	80	08.00-	113672	24	5.5		
	(Kerax)[DCI11G]	01.01-	112189	28	80	08.00-	113673	24	5.5		
320.26 7.2	(Distribution)[DXI7]	10.05-	114303	28	100	01.01-	113672	24	5.5		
	(Route)[DXI11]	10.05-	114285	28	110	01.01-	113673	24	5.5		
340.18 7.2	(Distribution)[DXI7]	10.06-	114303	28	100						
	(Lander)[DXI7]	10.06-	114303	28	100						
340.18 9.8	(Distribution)[MIDR06.20.45E/41]	04.96-	112189	28	80	04.96-	12.99	111231	24 6.6		
	(Kerax)[MIDR06.20.45C/4]	06.97-	112189	28	80	04.96-	12.99	111231	24 6.6		
						06.97-		113676	24 5.5		
	[MIDR06.20.45E/41]	06.00-	112113	28	60	06.97-		113676	24 5.5		
		06.97-	112189	28	80	06.97-	12.99	111231	24 6.6		
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28	80	04.96-	11.99	111231	24 6.6		
340.19 7.2	(Distribution)[DXI7]	10.06-	114303	28	100	04.96-		113676	24 5.5		
	(Lander)[DXI7]	10.06-	114303	28	100						
340.19 9.8	(Distribution)[MIDR06.20.45E/41]	04.96-	12.99	112113	28	60	04.96-	12.99	111231 24 6.6		
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28	80	04.96-		113676	24 5.5		
340.24 9.8	(Route)[MIDR06.20.45E/41]	01.00-	112189	28	80	06.00-		112113	28 60		
						01.00-		112113	28 60		
340.26 7.2	(Distribution)[DXI7]	10.06-	114303	28	100						
	(Lander)[DXI7]	10.06-	114303	28	100						
340.26 9.8	(Premium 2)[DXI7]	10.06-	114303	28	100						
	(Distribution)[MIDR06.20.45E/41]	04.96-	112189	28	80	04.96-	12.99	111231	24 6.6		
340.32 9.8	(Kerax)[MIDR06.20.45E/41]	06.97-	12.99	112113	28	60	04.96-		113676	24 5.5	
						06.97-	01.01	113676	24 5.5		
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28	80	06.97-	12.99	111231	24 6.6		
						01.00-	112189	28 80	04.96- 11.99	111231 24 6.6	
340.32 9.8	(Kerax)[MIDR06.20.45E/41]	06.00-	112113	28	60	04.96-		113676	24 5.5		
		06.97-	112189	28	80	06.97-		113676	24 5.5		
350.34 11.1	(Kerax)[MIDR06.23.56A/3]	01.03-	112113	28	60	06.97-	12.99	111231	24 6.6		
						01.03-		113676	24 5.5		
370.18 10.8	(Distribution)[DXI11]	10.05-	114285	28	110	10.05-		114193	24 5.5		
	(Kerax)[DXI11]	10.05-	114407	28	90						
		10.05-	114285	28	110	10.05-		114193	24 5.5		
370.18 11.1	(Distribution)[DCI11E]	04.01-	112189	28	80	10.05-		114193	24 5.5		
	(Kerax)[DCI11E]	01.01-	112189	28	80	10.05-		114193	24 5.5		
	(Route)[DCI11E]	04.01-	112189	28	80	08.00-		113672	24 5.5		
						08.00-		113673	24 5.5		
370.24 11.1	(Distribution)[DCI11E]	08.00-	112189	28	80	01.01-		113672	24 5.5		
	(Route)[DCI11E]	04.01-	112189	28	80	01.01-		113673	24 5.5		
370.26 10.8	(Distribution)[DXI11]	10.05-	114285	28	110	08.00-		113672	24 5.5		
	(Kerax)[DXI11]	10.05-	114407	28	90	08.00-		113673	24 5.5		
		10.05-	114285	28	110	10.05-		114193	24 5.5		
370.26 11.1	(Distribution)[DCI11E]	04.01-	112189	28	80	10.05-		114193	24 5.5		
	(Kerax)[DCI11E]	01.01-	112189	28	80	10.05-		114193	24 5.5		
	(Route)[DCI11E]	04.01-	112189	28	80	08.00-		113672	24 5.5		
						08.00-		113673	24 5.5		
370.32 10.8	(Kerax)[DXI11]	10.05-	114285	28	110	08.00-		113672	24 5.5		
		10.05-	114407	28	90	08.00-		113673	24 5.5		
370.32 11.1	(Kerax)[DCI11E]	01.01-	112189	28	80	01.01-		113672	24 5.5		
						01.01-		113673	24 5.5		
380.18 10.8	(Distribution)[DXI11]	10.06-	114285	28	110						
	(Distribution)[DXI11]	10.06-	114285	28	110						
380.19 10.8	(Lander)[DXI11]	10.06-	114285	28	110						
	(Route)[DXI11]	10.06-	114285	28	110						
		10.06-	114285	28	110						
380.26 10.8	(Distribution)[DXI11]	10.06-	114285	28	110						
	(Lander)[DXI11]	10.06-	114285	28	110						
380.32 10.8	(Route)[DXI11]	10.06-	114285	28	110						
	(Lander)[DXI11]	10.06-	114285	28	110						
385.18 11.1	(Kerax)[MIDR06.23.56A/41]	06.00-	112113	28	60	06.97-		113676	24 5.5		
	(Route)[MIDR06.23.56A/41]	02.96-	12.99	112189	28	80	06.97-	12.99	111231 24 6.6		
						04.96-	12.99	111231	24 6.6		
	[MIDR06.23.56B/41]	04.96-	112189	28	80	04.96-		113676	24 5.5		
385.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112113	28	60	04.96-	12.99	111231	24 6.6		
						04.96-		113676	24 5.5		
	[MIDR06.23.56B/41]	04.96-	112189	28	80	04.96-		113676	24 5.5		
		04.96-	112113	28	60	04.96-		113676	24 5.5		
385.24 11.1	(Route)[MIDR06.23.56A/41]	04.96-	03.01	112189	28	80	80	04.96-	12.99	111231 24 6.6	
								04.96-		113676	24 5.5
	[MIDR06.23.56B/41]	04.96-	03.01	112189	28	80	80	04.96-	12.99	111231 24 6.6	
385.26 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112076	28	80	04.96-		113676	24 5.5		
						06.97-		113676	24 5.5		
	(Route)[MIDR06.23.56A/41]	06.00-	112113	28	60	06.97-	12.99	111231	24 6.6		
		06.97-	112189	28	80	04.96-	12.99	111231	24 6.6		
385.26 11.1	(Route)[MIDR06.23.56A/41]	04.96-		113676	24 5.5						
						04.96-		113676	24 5.5		
	[MIDR06.23.56B/41]	04.96-	112189	28	80	04.96-	12.99	111231	24 6.6		
385.32 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112189	28	80	04.96-		113676	24 5.5		
						04.96-		113676	24 5.5		
		06.00-	112113	28	60	06.97-		111231	24 6.6		



400.18 11.1	(Distribution)[MIDR06.23.56B/41]					01.00-	113676	24	5.5
	(Kerax)[MIDR06.23.56B/41]	01.00-	112113	28	60	01.00-	113676	24	5.5
		01.00-	112189	28	80	01.00-	111231	24	6.6
	(Route)[MIDR06.23.56A/41]	04.96-	112189	28	80	04.96- 12.99	111231	24	6.6
400.18 12.0	(E. tech)[MACKE.TECHA/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
400.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28	80	04.96-	113676	24	5.5
	[MIDR06.23.56B/41]	01.00-	112189	28	80	04.96- 12.99	111231	24	6.6
400.24 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28	80	04.96- 12.99	111231	24	6.6
	[MIDR06.23.56B/41]	04.98- 03.01	112189	28	80	04.96- 12.99	111231	24	6.6
400.24 12.0	(E. tech)[MACKE.TECHA/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
400.26 11.1	(Kerax)[MIDR06.23.56B/41]	01.00-	112113	28	60	09.98-	113676	24	5.5
	(Route)[MIDR06.23.56A/41]	01.00-	112189	28	80	01.00-	111231	24	6.6
		04.96-	112189	28	80	04.96-	113676	24	5.5
	[MIDR06.23.56B/41]					04.96- 12.98	111231	24	6.6
400.26 12.0	(E. tech)[MACKE.TECHA/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
400.32 11.1	(Kerax)[MIDR06.23.56B/41]	01.00-	112113	28	60	01.00-	113676	24	5.5
		01.00-	112189	28	80				
410.18 10.8	(Distribution)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
	(Kerax)[DXI11]	10.05-	114407	28	90	10.05-	114193	24	5.5
	(Route)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
410.24 10.8	(Route)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
410.25 10.8	(Route)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
410.26 10.8	(Distribution)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
	(Kerax)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
	(Route)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
410.32 10.8	(Kerax)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
420.18 11.1	(Distribution)[DCI11C]	04.01-	112189	28	80	08.00-	113672	24	5.5
	(Kerax)[DCI11C]	01.01-	112113	28	60	08.00-	113673	24	5.5
	(Route)[DCI11C]	01.01-	112189	28	80	01.01-	113672	24	5.5
		04.01-	112189	28	80	08.00-	113673	24	5.5
420.24 11.1	(Route)[DCI11C]	04.01-	112189	28	80	08.00-	113672	24	5.5
						08.00-	113673	24	5.5
420.25 11.1	(Route)[DCI11C]	04.01-	112189	28	80	08.00-	113672	24	5.5
						08.00-	113673	24	5.5
420.26 11.1	(Kerax)[DCI11C]	01.01-	112189	28	80	01.01-	113672	24	5.5
	(Route)[DCI11C]	04.01-	112189	28	80	01.01-	113673	24	5.5
420.32 11.1	(Kerax)[DCI11C]	10.01-	112113	28	60	10.01-	113672	24	5.5
		10.01-	112189	28	80	10.01-	113673	24	5.5
420.34 11.1	(Kerax)[DCI11C]	01.01-	112189	28	80	01.01-	113672	24	5.5
						01.01-	113673	24	5.5
430.18 10.8	(Distribution)[DXI11]	10.06-	114285	28	110				
	(Lander)[DXI11]	10.06-	114285	28	110				
430.19 10.8	(Route)[DXI11]	10.06-	114285	28	110				
	(Distribution)[DXI11]	10.06-	114285	28	110				
430.26 10.8	(Lander)[DXI11]	10.06-	114285	28	110				
	(Route)[DXI11]	10.06-	114285	28	110				
440.18 10.8	(Lander)[DXI11]	10.06-	114285	28	110				
	(Lander)[DXI11]	10.06-	114285	28	110				
440.18 12.0	(E. tech)[MACKE.TECHB/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
440.19 10.8	(Lander)[DXI11]		114285	28	110				
	(Magnum)[DXI13]	03.09-	114212	28	110				
440.24 12.0	(E. tech)[MACKE.TECHB/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
440.26 12.0	(E. tech)[MACKE.TECHB/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
440.32 10.8	(Lander)[DXI11]		114285	28	110				
	(Route)[DXI11]	10.06-	114285	28	110				
450.18 10.8	(Distribution)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
	(Kerax)[DXI11]	10.05-	114407	28	90	10.05-	114193	24	5.5
	(Route)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
450.24 10.8	(Route)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
450.25 10.8	(Route)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
450.26 10.8	(Kerax)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
	(Route)[DXI11]	10.05-	114407	28	90	10.05-	114193	24	5.5
450.32 10.8	(Kerax)[DXI11]	10.05-	114285	28	110	10.05-	114193	24	5.5
		10.05-	114407	28	90				
460.18 10.8	(Lander)[DXI11]	10.06-	114285	28	110				
	(Route)[DXI11]	10.06-	114285	28	110				
460.18 12.8	(Magnum)[DXI13]	05.06-	114212	28	110				
	(Distribution)[DXI11]	10.06-	114285	28	110				
460.24 12.8	(Magnum)[DXI13]	05.06-	114212	28	110				
	(Magnum)[DXI13]	05.06-	114212	28	110				
460.25 12.8	(Lander)[DXI11]	10.06-	114285	28	110				
	(Route)[DXI11]	10.06-	114285	28	110				
460.26 12.8	(Magnum)[DXI13]	05.06-	114212	28	110				
	(Lander)[DXI11]	10.06-	114285	28	110				
460.32 10.8	(Lander)[DXI11]	10.06-	114285	28	110				
	(Kerax)[DXI13]	05.06-	114212	28	110				





Application list

RENAULT V.I. Continued

480.18 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
480.19 12.8	(Magnum)[DXI13]	03.09-	114212	28	110				
480.24 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
480.26 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112113	28	60	05.00-	114100	24	7.5
		03.01-	112189	28	80				
480.26 12.8	(Magnum)[DXI13]	03.09-	114212	28	110				
500.18 12.8	(Magnum)[DXI13]	05.06-	114212	28	110				
500.24 12.8	(Magnum)[DXI13]	05.06-	114212	28	110				
500.25 12.8	(Magnum)[DXI13]	05.06-	114212	28	110				
500.26 12.8	(Magnum)[DXI13]	05.06-	114212	28	110				
500.32 12.8	(Kerax)[DXI13]	05.06-	114212	28	110				
520.19 12.8	(Magnum)[DXI13]	08.09-	114212	28	110				
520.24 12.8	(Magnum)[DXI13]	08.09-	114212	28	110				
520.25 12.8	(Magnum)[DXI13]	08.09-	114212	28	110				
520.26 12.8	(Magnum)[DXI13]	08.09-	114212	28	110				
AE 385 12.0	(Magnum)[MIDR06.35.40N/3]	02.92- 10.96	111331	28	60	05.93-	113261#	24	6.6
		02.92- 10.96	112113	28	60	02.92- 10.96	113262	24	8.8
		02.92- 10.96	112159	28	80				
AE 390 12.0	(Magnum)[MIDR06.24.65A/42]	09.96- 05.00	112113	28	60				
		09.96- 05.00	112189	28	80				
AE 420 12.0	(Magnum)[MIDR06.35.40J/3]	10.92- 12.96	111331	28	60	05.93-	113261#	24	6.6
		10.92- 10.96	112113	28	60				
		10.92- 10.96	112159	28	80				
	[MIDR06.35.40P/41]	10.92- 12.96	111331	28	60	10.92- 12.96	113261#	24	6.6
		10.92- 12.96	112113	28	60				
		10.92- 12.96	112189	28	80				
		04.96- 12.96	112159	28	80				
AE 430 12.0	(Magnum)[MIDR06.24.65B/42]	09.96- 05.00	112113	28	60				
		09.96- 05.00	112189	28	80				
AE 470 12.0	(Magnum)[MIDR06.24.65C/42]	11.96- 05.00	112113	28	60				
		11.96- 08.99	112189	28	80				
AE 520 16.5	(Magnum)[Mack-EE9-530]	10.92- 05.96	112113	28	60				
		10.92- 05.96	112159	28	80				
AE 560 16.4	(Magnum)[Mack-EE9-560]	04.96- 05.00	112113	28	60				
		04.96- 05.00	112189	28	80				
Agora 9.8	(Agora)[MIDR06.20.45I41]	01.96-	112189	28	80	01.96-	111231	24	6.6
Ares 9.8	(Ares)[MIDR06.20.45M41]	04.98-	112189	28	80	04.98-	111231	24	6.6
	[MIDR06.20.45R41]	04.98-	112189	28	80	04.98-	111231	24	6.6
B 110 2.5 Diesel	[8140.27.25...]	08.90- 06.96	110889	14	75				
B 110 2.8 Diesel	[8140.23.25...]	06.96- 06.99	110889	14	75				
B 120 2.5 Diesel	[8140.47.25...]	10.91- 07.96	110889	14	75				
B 120 2.8 Diesel	[8140.43.25...]	06.96- 06.99	110889	14	75				
C 210.19 8.8	[MIDS06.20.30N]					12.83- 05.91	111231	24	6.6
C 260.26 9.8	[MIDS06.20.45B]					10.82- 05.91	111231	24	6.6
C 290.19/T 9.8	[MIDR06.20.45D]					05.86- 05.91	111231	24	6.6
C 300.19 9.8	[MIDR06.20.45D3]	04.87- 10.98	111331	28	60	09.92- 10.98	111231	24	6.6
		04.87- 10.98	112113	28	60				
C 300.24 9.8	[MIDR06.20.45D1]	09.92- 03.93	112113	28	60	09.92- 03.93	111231	24	6.6
	[MIDR06.20.45D3]	03.93- 10.98	112113	28	60	03.93- 10.98	111231	24	6.6
C 300.26 9.8	[MIDR06.20.45D1]	09.92- 03.93	112113	28	60	09.92- 03.93	111231	24	6.6
	[MIDR06.20.45D3]	03.93- 10.98	112113	28	60	03.93- 10.98	111231	24	6.6
C 340.19 9.8	[MIDR06.20.45E]	01.93- 10.98	112113	28	60	07.90- 09.92	111231	24	6.6
	[MIDR06.20.45E2]					10.91- 09.92	111231	24	6.6
C 340tl.17 9.8	[MIDR06.20.45E3]	01.93- 10.98	112113	28	60	02.92- 09.92	111231	24	6.6
	[MIDR06.20.45E1]	07.90- 10.98	111331	28	60	07.90- 09.92	111231	24	6.6
	[MIDR06.20.45E2]	07.90- 10.98	111331	28	60	10.91- 09.92	111231	24	6.6
	[MIDR06.20.45E3]	07.90- 10.98	111331	28	60	02.92- 09.92	111231	24	6.6
		01.93- 10.98	112113	28	60				
C 340tl.19 9.8	[MIDR06.20.45E]	01.93- 10.98	112113	28	60	07.90- 09.92	111231	24	6.6
	[MIDR06.20.45E2]					10.91- 09.92	111231	24	6.6
	[MIDR06.20.45E3]	01.93- 10.98	112113	28	60	02.92- 09.92	111231	24	6.6
CBH 280 12.0	[MIDS06.35.40D1]	04.86- 10.92	111331	28	60				
CBH 320.24 12.0	[MIDR06.35.40M3]	10.92-	111658	28	55				
		10.92- 10.98	112113	28	60				
		10.92-	112159	28	80				
CBH 320.26 12.0	[MIDR06.35.40M3]	10.92- 10.98	112113	28	60				
CBH 320.34 12.0	[MIDR06.35.40M3]	10.92- 08.95	112113	28	60				
CBH 385.24 12.0	[MIDR06.35.40N/3]	10.92- 08.95	112113	28	60				
CBH 385.26 12.0	[MIDR06.35.40N/3]	10.92- 10.98	112113	28	60				
CBH 385.34 12.0	[MIDR06.35.40N/3]	10.92- 10.98	112113	28	60				
CHB	[0624.65]					05.96-	112227	24	8.0
Citybus GX 317 9.9	(Agora)[MGDR 06.20.45 D491]	06.95-	112343	28	140	06.95-	111231	24	6.6
	[MIDR 06.20.45 A491]	06.95-	112343	28	140	06.95-	111231	24	6.6
	[MIDR 06.20.45 J41]	09.94-	112343	28	140				
CLM							112227	24	8.0
CLM 320.19 12.0	[MIDR06.35.40M3]	10.92- 10.98	112113	28	60				
CLM 320.25 12.0	[MIDR06.35.40M3]	10.92- 10.98	111331	28	60				
		10.92-	112113	28	60				
CLM 385.19 12.0	[MIDR06.35.40N/3]	10.92- 10.98	112113	28	60				
CLM 385.22 12.0	[MIDR06.35.40N/3]	10.92- 10.98	112113	28	60				
CLM 385.25 12.0	[MIDR06.35.40N/3]	10.92- 10.98	112113	28	60				
CLR 230.19 6.2	[MIDR06.02.26D]					09.90- 10.98	113466	24	4.0
FR1 9.8	[MIDR06.20.45D]					01.83-	111231	24	6.6
	[MIDR06.20.45D3]					01.83-	111231	24	6.6
	[MIDR06.20.45M3]					01.83-	111231	24	6.6
G 170.11 5.5	[MIDR06.02.12D]	04.83- 02.90	110043	28	45	05.83- 02.90	113466	24	4.0
						05.83- 02.90	113465	12	3.0
G 170.13 5.5	[MIDR06.02.12D]	04.83- 02.90	110043	28	45	05.83- 02.90	113466	24	4.0
G 170.15 5.5	[MIDR06.02.12D]	04.83- 02.90	110043	28	45	05.83- 02.90	113466	24	4.0
G 170.16 5.5	[MIDR06.02.12D]	04.83- 02.90	110043	28	45	05.83- 02.90	113466	24	4.0
G 170.17 5.5	[MIDR06.02.12D]	04.83- 02.90	110043	28	45	05.83- 02.90	113466	24	4.0
G 200.13 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		04.91- 08.92	112113	28	60				
		09.91- 03.93	111331	28	60				
	[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
		09.92- 04.93	112113	28	60				
	[MIDR06.02.26H]	05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
		04.91- 08.92	112113	28	60				
G 200.15 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		04.91- 08.92	112113	28	60				
		09.91- 03.93	111331	28	60				
	[MIDR06.02.26Q]	06.91- 04.93	112113	28	60	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
	[MIDR06.02.26H]	05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
		04.91- 08.92	112113	28	60				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



G 200.16 6.2	(Manager)[MIDR06.02.26H]	05.90-03.91	110163	28	45	09.91-03.93	113466	24	4.0
		04.91-08.92	112113	28	60				
		09.91-03.93	111331	28	60				
	[MIDR06.02.26Q]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		09.92-04.93	112113	28	60				
G 200.17 6.2	(Manager)[MIDR06.02.26H]	05.90-03.91	110163	28	45	09.91-03.93	113466	24	4.0
		04.91-08.92	112113	28	60				
	[MIDR06.02.26Q]	06.91-04.93	112113	28	60	09.91-03.93	113466	24	4.0
		05.90-03.91	110163	28	45	05.90-09.91	113466	24	4.0
	[MIDR06.02.26H]	04.91-08.92	112113	28	60				
G 200.18 6.2	(Manager)[MIDR06.02.26H]	05.90-03.91	110163	28	45	09.91-03.93	113466	24	4.0
		04.91-08.92	112113	28	60				
	[MIDR06.02.26Q]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		05.90-03.91	110163	28	45	05.90-09.91	113466	24	4.0
	[MIDR06.02.26H]	05.90-09.91	111331	28	60				
G 210.16 6.2	(Manager)[MIDR06.02.26W]	01.90-03.91	110163	28	45	05.92-10.96	113466	24	4.0
		04.91-08.92	112113	28	60				
		05.92-10.96	111331	28	60				
		11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
	[MIDR06.02.26H]	11.83-02.90	110163	28	45	11.83-02.90	111231	24	6.6
G 210.16 8.8	[MIDR06.02.26H]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
		11.83-02.90	111331	28	60				
	[MIDR06.02.26Q]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
G 210.17 8.8	[MIDR06.02.26Q]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
		11.83-02.90	111331	28	60				
	[MIDR06.02.26H]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
G 210.18 6.2	(Manager)[MIDR06.02.26W]	01.90-03.91	110163	28	45	05.92-10.96	113466	24	4.0
		04.91-08.92	112113	28	60				
		05.92-10.96	111331	28	60				
		11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
	[MIDR06.02.26H]	11.83-02.90	110163	28	45	11.83-02.90	111231	24	6.6
G 210.18 8.8	[MIDR06.02.26H]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
		11.83-02.90	111331	28	60				
	[MIDR06.02.26Q]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
G 210.19 8.8	[MIDR06.02.26Q]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
		11.83-02.90	111331	28	60				
	[MIDR06.02.26H]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
G 220.17 9.8	(Manager)[MIDR06.02.26W]	01.90-03.91	110163	28	45	05.92-10.96	113466	24	4.0
		04.91-08.92	112113	28	60				
		05.92-10.96	111331	28	60				
		11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
	[MIDR06.02.26H]	11.83-02.90	110163	28	45	11.83-02.90	111231	24	6.6
G 220.19 9.8	[MIDR06.02.26H]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
		11.83-02.90	111331	28	60				
	[MIDR06.02.26Q]	11.83-09.86	110043	28	45	11.83-02.90	111231	24	6.6
		11.83-02.90	110163	28	45				
G 230.11 8.8	(Manager)[MIDR06.02.26X]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		05.92-10.96	112113	28	60				
	[MIDR06.02.26D]	04.91-06.93	112113	28	60	09.91-03.93	113466	24	4.0
		09.91-03.93	111331	28	60				
	[MIDR06.02.26D]	01.90-03.91	110163	28	45	02.90-08.91	113466	24	4.0
G 230TI.13 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		05.92-10.96	112113	28	60				
	[MIDR06.02.26D]	04.91-06.93	112113	28	60	09.91-03.93	113466	24	4.0
		09.91-03.93	111331	28	60				
	[MIDR06.02.26D]	01.90-03.91	110163	28	45	02.90-08.91	113466	24	4.0
G 230TI.15 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		05.92-10.96	112113	28	60				
	[MIDR06.02.26D]	04.91-06.93	112113	28	60	09.91-03.93	113466	24	4.0
		09.91-03.93	111331	28	60				
	[MIDR06.02.26D]	01.90-03.91	110163	28	45	02.90-08.91	113466	24	4.0
G 230TI.16 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		05.92-10.96	112113	28	60				
	[MIDR06.02.26D]	04.91-06.93	112113	28	60	09.91-03.93	113466	24	4.0
		09.91-03.93	111331	28	60				
	[MIDR06.02.26D]	01.90-03.91	110163	28	45	02.90-08.91	113466	24	4.0
G 230TI.17 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		05.92-10.96	112113	28	60				
	[MIDR06.02.26D]	04.91-06.93	112113	28	60	09.91-03.93	113466	24	4.0
		09.91-03.93	111331	28	60				
	[MIDR06.02.26D]	01.90-03.91	110163	28	45	02.90-08.91	113466	24	4.0
G 230TI.18 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28	60	09.91-03.93	113466	24	4.0
		05.92-10.96	112113	28	60				
	[MIDR06.02.26D]	04.91-06.93	112113	28	60	09.91-03.93	113466	24	4.0
		09.91-03.93	111331	28	60				
	[MIDR06.02.26D]	01.90-03.91	110163	28	45	02.90-08.91	113466	24	4.0



Application list

RENAULT V.I. Continued

G 230Tl.19 6.2	(Manager)[MIDR06.02.26 X]	05.92- 10.96	112113	28	60	09.91- 10.96	113466	24	4.0
	[MIDR06.02.26D]	04.91- 06.93	112113	28	60	09.91- 10.96	113466	24	4.0
	(Maxter)[MIDR06.02.26 X]	05.92- 10.96	112113	28	60	10.92- 05.95	113466	24	4.0
	[MIDR06.02.26D]	04.91- 06.93	112113	28	60	10.92- 05.95	113466	24	4.0
G 260.15 9.8	[MIDS06.20.45]	10.82- 05.90	110043	28	45	10.82- 05.90	111231	24	6.6
	[MIDS06.20.45]	10.82- 05.90	111331	28	60				
G 260.16 9.8	[MIDS06.20.45]	10.82- 05.90	110043	28	45	10.82- 05.90	111231	24	6.6
	[MIDS06.20.45]	10.82- 05.90	111331	28	60				
G 260.17 9.8	[MIDS06.20.45]	10.82- 05.90	110043	28	45	10.82- 05.90	111231	24	6.6
	[MIDS06.20.45B]	10.82- 09.86	110043	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	10.82- 05.90	110163	28	45				
G 260.19 9.8	(Maxter)[MIDR06.20.45C/4]	02.96- 06.97	112113	28	60	02.96- 06.97	111231	24	6.6
	[MIDS06.20.45]	02.96- 06.97	112189	28	80	BO			
	[MIDS06.20.45]	10.82- 05.90	110043	28	45	10.82- 05.90	111231	24	6.6
G 260.22 9.8	[MIDS06.20.45]	10.82- 05.90	110043	28	45	10.82- 05.90	111231	24	6.6
	[MIDS06.20.45]	10.82- 05.90	111331	28	60				
G 260.24 9.8	[MIDS06.20.45]	10.82- 05.90	110043	28	45	10.82- 05.90	111231	24	6.6
	[MIDS06.20.45]	10.82- 05.90	111331	28	60				
G 270.13 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	111331	28	60	11.92- 10.96	111231	24	6.6
	[MIDS06.20.45B]	03.93- 10.96	110163	28	45				
	[MIDS06.20.45B]	03.93- 10.96	112113	28	60				
G 270.14 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	111331	28	60	09.91- 10.96	111231	24	6.6
	[MIDS06.20.45B]	03.93- 10.96	110163	28	45	03.93- 10.96	111231	24	6.6
G 270.15 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28	60				
	[MIDS06.20.45B]	09.91- 10.96	112113	28	60				
G 270.16 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28	60				
G 270.17 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28	45	11.92- 10.96	111231	24	6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28	60				
G 270.18 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28	45	11.92- 10.96	111231	24	6.6
	[MIDS06.20.45B]	09.91- 10.96	112113	28	60				
G 270.19 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28	45	11.92- 10.96	111231	24	6.6
	(Maxter)[MIDR06.20.45B3]	01.93- 10.96	112113	28	60	01.95- 10.96	111231	24	6.6
G 270.26 9.8	(Manager)[MIDR06.20.45B]	09.91- 10.96	110163	28	45	11.92- 10.96	111231	24	6.6
	[MIDS06.20.45B]	09.91- 10.96	112189	28	80	BO			
G 280.13 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28	60				
	[MIDS06.20.45B]	09.91- 10.96	112113	28	60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
G 280.15 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6
	[MIDS06.20.45B]	09.91- 10.96	111331	28	60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
	[MIDS06.20.45B]	09.91- 06.93	112113	28	60				
G 280.16 9.8	(Manager)[MIDR06.20.45B3]	09.91- 10.96	111331	28	60	09.91- 10.96	111231	24	6.6
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
	[MIDS06.20.45B]	09.91- 06.93	112113	28	60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
G 280.17 9.8	(Manager)[MIDR06.20.45B]	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
	[MIDS06.20.45B]	09.91- 10.96	112113	28	60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
G 280.18 9.8	(Manager)[MIDR06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	(Maxter)[MIDS06.20.45B]	10.92- 03.93	112113	28	60	10.92- 03.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
	[MIDS06.20.45B]	09.91- 06.93	112113	28	60				
G 280.19 9.8	(Manager)[MIDR06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
	[MIDS06.20.45B]	09.91- 06.93	112113	28	60				
G 280.24 9.8	(Manager)[MIDR06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
	[MIDS06.20.45B]	09.91- 06.93	112113	28	60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
G 280.26 9.8	(Manager)[MIDR06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
	[MIDS06.20.45B]	09.91- 06.93	112113	28	60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28	45	01.90- 06.93	111231	24	6.6
	[MIDS06.20.45B]	01.90- 08.91	111331	28	60				
G 290.17 9.8	[MIDR06.20.45]	11.85- 12.89	110043	28	45	11.85- 12.89	111231	24	6.6
	[MIDR06.20.45]	11.85- 12.89	111331	28	60				
G 290.19 9.8	[MIDR06.20.45]	11.85- 12.89	110043	28	45	11.85- 12.89	111231	24	6.6
G 290.22 9.8	[MIDR06.20.45]	11.85- 12.89	110043	28	45	11.85- 12.89	111231	24	6.6
		11.85- 12.89	111331	28	60				



G 290.24 9.8	[MIDR06.20.45]	11.85- 12.89	110043	28	45		11.85- 12.89	111231	24	6.6
		11.85- 12.89	111331	28	60					
G 290.26 9.8	[MIDR06.20.45]	11.85- 12.89	110043	28	45		11.85- 12.89	111231	24	6.6
		11.85- 12.89	111331	28	60					
G 300.13 9.8	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 06.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 300.15 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		09.92- 06.93	112113	28	60					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 06.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 300.16 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		09.92- 06.93	112113	28	60					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 300.17 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		09.92- 06.93	112113	28	60					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 08.91	111331	28	60					
		09.91- 06.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 300.18 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		09.92- 06.93	112113	28	60					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
	(Maxter)[MIDR06.20.45D3]	10.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		10.92- 06.93	112113	28	60					
G 300.19 9.8	(Manager)[MIDR06.20.45D]	01.90- 08.91	111331	28	60		01.90- 03.93	111231	24	6.6
		10.91- 03.93	112113	28	60					
		01.92- 12.92	110163	28	45					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 06.93	112113	28	60					
	(Maxter)[MIDR06.20.45D]	10.92- 12.92	110163	28	45		10.92- 10.96	111231	24	6.6
		10.92- 06.93	112113	28	60					
	[MIDR06.20.45D/41]	02.96- 06.97	112113	28	60		02.96-	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
	[MIDR06.20.45D3]	10.92- 12.92	110163	28	45		10.92- 10.96	111231	24	6.6
		10.92- 06.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 300.24 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		09.92- 06.93	112113	28	60					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 06.93	112113	28	60					
	(Messenger)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 03.93	111331	28	60					
		10.91- 06.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 300.25 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		09.92- 06.93	112113	28	60					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 300.26 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45		09.92- 10.96	111231	24	6.6
		09.92- 06.93	112113	28	60					
	[MIDR06.20.45D3]	01.90- 12.92	110163	28	45		01.90- 10.96	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 06.93	112113	28	60					
	(Maxter)[MIDR06.20.45D/41]	02.96- 06.97	112113	28	60		02.96-	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
	[MIDR06.20.45D3]	10.92- 12.92	110163	28	45		06.92- 10.96	111231	24	6.6
		10.92- 06.93	112113	28	60					
	[MIDR06.20.45D]	01.90- 12.92	110163	28	45		01.90- 03.93	111231	24	6.6
		01.90- 08.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 320.19 9.8	[MIDR06.20.45H]	11.88- 05.90	111331	28	60		05.88- 05.90	111231	24	6.6
G 320.24 9.8	[MIDR06.20.45H]	11.88- 05.90	111331	28	60		05.88- 05.90	111231	24	6.6
G 330.13 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28	45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28	60					
		10.91- 03.93	112113	28	60					
	[MIDR06.20.45H]	02.90- 12.92	110163	28	45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 330.15 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28	45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28	60					
		10.91- 03.93	112113	28	60					
	[MIDR06.20.45H]	02.90- 12.92	110163	28	45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28	60					
		10.91- 03.93	112113	28	60					
G 330.16 9.8	(Manager)[MIDR06.20.45E]	09.91- 10.96	110163	28	45		09.91- 10.96	111231	24	6.6
		09.91- 10.96	112113	28	60					
	[MIDR06.20.45E2]	09.91- 10.96	110163	28	45		09.91- 10.92	111231	24	6.6
		09.91- 10.92	112113	28	60					
	[MIDR06.20.45E3]	09.91- 10.96	110163	28	45		09.91- 10.96	111231	24	6.6
		09.91- 10.96	112113	28	60					
	[MIDR06.20.45H]	02.90- 12.92	110163	28	45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28	60					
		10.91- 03.93	112113	28	60					





Application list

RENAULT V.I. Continued

	[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
G 330.17 9.8	(Manager)[MIDR06.20.45H]	02.90-12.92	110163	28	45	01.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
	[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
G 330.17/T 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E2]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E3]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45H]					09.91-10.96	111231	24	6.6
G 330.18 9.8	(Manager)[MIDR06.20.45E]	09.91-10.96	112113	28	60	09.91-10.96	111231	24	6.6
	[MIDR06.20.45E2]	09.91-10.92	112113	28	60	09.91-10.96	111231	24	6.6
	[MIDR06.20.45H]	09.91-03.93	112113	28	60	09.91-10.96	111231	24	6.6
	(Messenger)[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
G 330.19 9.8	(Manager)[MIDR06.20.45E]	09.91-10.96	110163	28	45	09.91-10.96	111231	24	6.6
	[MIDR06.20.45E2]	09.91-10.92	110163	28	45	09.91-10.96	111231	24	6.6
		09.91-10.92	112113	28	60				
	[MIDR06.20.45E3]	09.91-10.96	110163	28	45	09.91-10.96	111231	24	6.6
	[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
	[MIDR06.20.45E3]	02.90-12.92	110163	28	45	01.90-08.91	111231	24	6.6
	[MIDR06.20.45H]	02.90-01.91	111331	28	60	02.90-03.93	111231	24	6.6
		10.91-03.93	112113	28	60				
G 330.19/T 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E2]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E3]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45H]					09.91-10.96	111231	24	6.6
G 330.24 9.8	(Manager)[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
	[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
G 330.26 9.8	(Manager)[MIDR06.20.45E2]	10.91-10.92	112113	28	60	10.91-10.92	111231	24	6.6
		10.96-10.96	110163	28	45				
	[MIDR06.20.45E3]	10.91-10.96	110163	28	45	10.91-10.96	111231	24	6.6
		10.91-10.96	112113	28	60				
	[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-10.96	111231	24	6.6
		02.90-01.91	111331	28	60				
		02.90-03.93	112113	28	60				
	[MIDR06.20.45H]	02.90-12.92	110163	28	45	02.90-03.93	111231	24	6.6
		02.90-01.91	111331	28	60				
		10.91-03.93	112113	28	60				
G 340 9.8	(Manager)[MIDR06.20.45E]	01.90-03.93	111331	28	60	01.90-03.93	111231	24	6.6
		09.91-03.93	112113	28	60				
	[MIDR06.20.45E2]	10.91-10.92	112113	28	60	01.90-03.93	111231	24	6.6
	[MIDR06.20.45E3]	02.92-10.96	112113	28	60	01.90-03.93	111231	24	6.6
	[MIDR06.20.45H]	09.91-10.96	112113	28	60	01.90-03.93	111231	24	6.6
G 340TI 9.8	(Manager)[MIDR06.20.45E]	01.90-03.93	111331	28	60	01.90-03.93	111231	24	6.6
		01.90-03.93	112113	28	60				
	[MIDR06.20.45E3]	02.92-10.96	112113	28	60	02.92-10.96	111231	24	6.6
G 340TI.16 9.8	(Manager)[MIDR06.20.45E]	01.90-01.91	111331	28	60	01.90-03.93	111231	24	6.6
		09.91-10.96	110163	28	45				
		09.91-03.93	112113	28	60				
	[MIDR06.20.45E2]	09.91-10.96	110163	28	45	10.91-10.92	111231	24	6.6
		10.91-10.92	112113	28	60				
	[MIDR06.20.45E3]	09.91-10.96	110163	28	45	02.92-10.96	111231	24	6.6
		02.92-10.96	112113	28	60				
	[MIDR06.20.45H]	09.91-10.96	110163	28	45	09.91-10.96	111231	24	6.6
		09.91-10.96	112113	28	60				
G 340TI.17 9.8	(Manager)[MIDR06.20.45E]	01.90-01.91	111331	28	60	01.90-03.93	111231	24	6.6
		09.91-10.96	110163	28	45				
		09.91-03.93	112113	28	60				
	[MIDR06.20.45E2]	09.91-10.96	110163	28	45	10.91-10.92	111231	24	6.6
		10.91-10.92	112113	28	60				
	[MIDR06.20.45E3]	09.91-10.96	110163	28	45	02.92-10.96	111231	24	6.6
		02.92-10.96	112113	28	60				
	[MIDR06.20.45H]	09.91-10.96	110163	28	45	09.91-10.96	111231	24	6.6
		09.91-10.96	112113	28	60				
G 340TI.18 9.8	(Manager)[MIDR06.20.45E]	01.90-03.93	111331	28	60	01.90-03.93	111231	24	6.6
		09.91-03.93	112113	28	60				
	[MIDR06.20.45E2]	10.91-10.92	112113	28	60	01.90-10.96	111231	24	6.6
	[MIDR06.20.45E3]	02.92-10.96	112113	28	60	01.90-10.96	111231	24	6.6
	(Maxter)[MIDR06.20.45E/41]	02.96-06.97	112113	28	60	10.92-06.97	111231	24	6.6
		10.92-10.96	112113	28	60	10.92-10.96	111231	24	6.6
G 340TI.19 9.8	(Maxter)[MIDR06.20.45E/41]	02.96-06.97	112113	28	60	10.92-06.97	111231	24	6.6
		10.92-10.96	112113	28	60	10.92-10.96	111231	24	6.6
	[MIDR06.20.45E3]	02.92-10.96	112113	28	60	05.93-	111231	24	6.6
	[MIDR06.20.45H]	01.90-08.91	110163	28	45	01.90-08.91	111231	24	6.6
		01.90-08.91	111331	28	60				
		01.90-08.91	112113	28	60				
G 340TI.19, G 330.19 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E2]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E3]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45H]					09.91-10.96	111231	24	6.6
G 340TI.19/T 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E2]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45E3]					09.91-10.96	111231	24	6.6
	[MIDR06.20.45H]					09.91-10.96	111231	24	6.6
G 340TI.25 9.8	(Maxter)[MIDR06.20.45E/41]	02.96-06.97	112113	28	60	10.92-06.97	111231	24	6.6
		10.92-10.96	112113	28	60	10.92-10.96	111231	24	6.6
G 340TI.25 9.8	(Maxter)[MIDR06.20.45E/41]	02.96-06.97	112113	28	60	10.92-06.97	111231	24	6.6
		10.92-10.96	112113	28	60	10.92-10.96	111231	24	6.6
	[MIDR06.20.45E3]	10.92-10.96	112113	28	60	10.92-10.96	111231	24	6.6
G 340TI.26 9.8	(Manager)[MIDR06.20.45E2]	10.91-10.96	110163	28	45	01.90-03.93	111231	24	6.6
		10.91-10.92	112113	28	60				
	[MIDR06.20.45E3]	10.91-10.96	110163	28	45	02.92-10.96	111231	24	6.6
		02.92-10.96	112113	28	60				
	[MIDR06.20.45H]	10.91-10.96	110163	28	45	10.91-10.96	111231	24	6.6
		10.91-10.96	112113	28	60				



	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112113	28	60		10.92- 06.97	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
	[MIDR06.20.45E3]	10.92- 10.96	112113	28	60		10.92- 10.96	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
G 340TI.32 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112113	28	60		10.92- 06.97	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
	[MIDR06.20.45E3]	10.92- 10.96	112113	28	60		10.92- 10.96	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
G 340TI.34 9.8	(Maxter)[MIDR06.20.45D/41]	10.92- 06.97	112113	28	60		02.96-	111231	24	6.6
		10.92- 06.97	112113	28	60		10.92- 06.97	111231	24	6.6
	[MIDR06.20.45E/41]	02.96- 06.97	112113	28	60		10.92- 06.97	111231	24	6.6
		10.92- 10.96	112113	28	60		10.92- 10.96	111231	24	6.6
G 340TI.40 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112113	28	60		02.96- 06.97	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
	[MIDR06.20.45E3]	10.92- 10.96	112113	28	60		10.92- 10.96	111231	24	6.6
		02.96- 06.97	112189	28	80	BO				
G 340TI.40 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112113	28	60		10.92- 06.97	111231	24	6.6
		10.92- 10.96	112113	28	60		10.92- 10.96	111231	24	6.6
	[MIDR06.20.45E3]	02.96- 06.97	112189	28	80	BO				
Illade 11.1	(Illade)[MIDR 06.23.56. ]						10.96- 09.01	111231	24	6.6
Illade 9.9	(Illade)[MIDR 06.20.45 M41]	10.96- 09.01	112189	28	80		10.96- 09.01	111231	24	6.6
		10.96- 09.01	112343	28	140					
	[MIDR 06.20.45 R41]	10.96- 09.01	112189	28	80		10.96- 09.01	111231	24	6.6
		10.96- 09.01	112343	28	140					
Line 9.9	(Agora)[MI7R 06.20.45 B41]	05.98-	112189	28	80		05.98-	111231	24	6.6
		05.98-	112343	28	140					
	[MI7R 06.20.45 C41]	05.98-	112189	28	80		05.98-	111231	24	6.6
		05.98-	112343	28	140					
M 140.12 5.5	(Midliner)[MIDS06.02.12C]	05.89- 03.93	111331	28	60		05.89- 03.93	113466	24	4.0
		06.89- 12.90	110163	28	45					
		01.91- 03.93	112113	28	60					
M 140.13 5.5	(Midliner)[MIDS06.02.12C]	05.89- 03.93	111331	28	60		04.89- 03.93	113466	24	4.0
		06.89- 12.90	110163	28	45					
		01.91- 03.93	112113	28	60					
M 150.09 6.2	(Midliner)[MIDR06.02.26U]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
M 150.11 6.2	(Midliner)[MIDR06.02.26U]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
M 150.12 6.2	(Midliner)[MIDR06.02.26U]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
	[MIDR06.02.26U/4]	05.96- 09.98	112113	28	60		11.92-	113466	24	4.0
M 150.13 6.2	(Midliner)[MIDR06.02.26U]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
	[MIDR06.02.26U/4]	05.96- 09.98	112113	28	60		05.96-	113466	24	4.0
M 150.14 6.2	(Midliner)[MIDR06.02.26U]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
M 160.12 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28	60		05.89-	113466	24	4.0
		06.89- 12.90	110163	28	45					
		01.91- 03.93	112113	28	60					
M 160.13 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28	60		05.89- 03.93	113466	24	4.0
		06.89- 12.90	110163	28	45					
		01.91- 03.93	112113	28	60					
M 160.14 5.5	(Midliner)[MIDS06.02.12B]	06.89- 12.90	110163	28	45		05.89-	113466	24	4.0
		01.91- 03.93	112113	28	60					
M 160.15 5.5	(Midliner)[MIDS06.02.12B]	06.89- 12.90	110163	28	45		05.89- 03.93	113466	24	4.0
		01.91- 03.93	112113	28	60					
M 180.10 6.2	(Midliner)[MIDR06.02.26V]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
M 180.11 6.2	(Midliner)[MIDR06.02.26V]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
M 180.12 6.2	(Midliner)[MIDR06.02.26V]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
	[MIDR06.02.26V/41]	05.96- 09.98	112113	28	60		05.96- 01.00	113466	24	4.0
M 180.13 6.2	(Midliner)[MIDR06.02.26V]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
	[MIDR06.02.26V/41]	05.96- 09.98	112113	28	60		05.96- 01.00	113466	24	4.0
M 180.15 6.2	(Midliner)[MIDR06.02.26V]	11.92- 10.96	112113	28	60		11.92- 10.96	113466	24	4.0
	[MIDR06.02.26V/41]	10.96- 09.98	112113	28	60		10.96- 01.00	113466	24	4.0
M 180.16 6.2	(Midliner)[MIDR06.02.26V]	11.92- 06.94	112113	28	60		11.92- 10.96	113466	24	4.0
	[MIDR06.02.26V/41]	05.96- 09.98	112113	28	60		05.96- 01.00	113466	24	4.0
M 200.10 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28	60		05.88- 03.93	113466	24	4.0
M 200.12 6.2	(Midliner)[MIDR06.02.26H]	06.89- 03.93	110163	28	45		05.88- 03.93	113466	24	4.0
		05.88- 03.93	111331	28	60					
M 200.13 6.2	(Midliner)[MIDR06.02.26H]	06.89- 03.93	110163	28	45					
		05.88- 03.93	111331	28	60		05.88- 03.93	113466	24	4.0
M 200.14 6.2	(Midliner)[MIDR06.02.26H]	06.89- 03.93	110163	28	45		05.88- 03.93	113466	24	4.0
M 200.15 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28	60		05.88- 03.93	113466	24	4.0
		06.89- 03.93	110163	28	45					
M 200.16 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28	45		05.88- 03.93	113466	24	4.0
		05.88- 03.93	111331	28	60					
M 210.12 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28	45		05.92- 01.00	113466	24	4.0
		05.92- 01.00	111331	28	60					
		02.93- 09.96	112113	28	60					
	[MIDR06.02.26W/41]	05.92- 01.93	110163	28	45		05.92- 01.00	113466	24	4.0
		05.92- 01.00	111331	28	60					
		02.93- 09.96	112113	28	60					
M 210.13 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28	45		05.92- 01.00	113466	24	4.0
		05.92- 01.00	111331	28	60					
		05.92- 112189	28	80						
		01.93- 09.96	112113	28	60					
	[MIDR06.02.26W/41]	05.92- 01.93	110163	28	45		05.92- 01.00	113466	24	4.0
		05.92- 01.00	111331	28	60					
		05.92- 01.00	112189	28	80					
		02.93- 01.00	112113	28	60					
M 210.14 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28	45		05.92- 10.96	113466	24	4.0
		03.93- 09.96	112113	28	60					
	[MIDR06.02.26W/41]	05.92- 01.93	110163	28	45		05.96- 01.00	113466	24	4.0
		02.93- 01.00	112113	28	60					
		05.96- 01.00	112189	28	80					



Application list

RENAULT V.I. Continued

M 210.15 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28	45	05.92- 01.00	113466	24	4.0
		05.92- 01.00	111331	28	60				
	[MIDR06.02.26W/41]	05.92- 01.00	112189	28	80	05.92- 01.00	113466	24	4.0
		01.93- 09.96	112113	28	60				
		05.92- 01.00	111331	28	60				
		05.92- 09.98	112113	28	60				
M 210.16 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28	45	05.92- 01.00	113466	24	4.0
		05.92- 01.00	111331	28	60				
	[MIDR06.02.26W/41]	05.92- 01.00	112113	28	60	05.92- 01.00	113466	24	4.0
		02.93- 01.00	112113	28	60				
		05.92- 01.93	110163	28	45				
		05.92- 01.00	111331	28	60				
M 230.10 6.2	(Midliner)[MIDR06.02.26D]	05.89- 07.92	111331	28	60	05.89- 07.92	113466	24	4.0
		06.89- 03.93	110163	28	45				
	[MIDR06.02.26S]	05.89- 07.92	111331	28	60	05.89- 07.92	113466	24	4.0
		06.89- 03.93	110163	28	45				
		05.89- 07.92	111331	28	60				
		06.89- 03.93	110163	28	45				
M 230.12 6.2	(Midliner)[MIDR06.02.26 X]	05.92- 06.94	112113	28	60	05.92- 10.96	113466	24	4.0
		05.89- 07.92	111331	28	60				
	[MIDR06.02.26D]	06.89- 03.93	110163	28	45	05.89- 07.92	113466	24	4.0
		05.89- 07.92	111331	28	60				
		06.89- 03.93	110163	28	45				
		05.89- 07.92	111331	28	60				
M 230.13 6.2	(Midliner)[MIDR06.02.26 X]	05.92- 10.96	112113	28	60	05.89- 10.96	113466	24	4.0
		06.89- 03.93	110163	28	45				
	[MIDR06.02.26D]	06.89- 03.93	110163	28	45	05.89- 07.92	113466	24	4.0
		05.89- 07.92	111331	28	60				
		06.89- 03.93	110163	28	45				
		05.89- 07.92	111331	28	60				
M 230.15 6.2	(Midliner)[MIDR06.02.26 X]	05.92- 10.96	112113	28	60	05.89- 10.96	113466	24	4.0
		06.89- 03.93	110163	28	45				
	[MIDR06.02.26S]	05.92- 10.96	112113	28	60	05.89- 10.96	113466	24	4.0
		06.89- 03.93	110163	28	45				
		05.92- 10.96	112113	28	60				
		06.89- 03.93	110163	28	45				
M 230.16 6.2	(Midliner)[MIDR06.02.12D]	05.89- 10.96	111331	28	60	05.89- 07.92	113466	24	4.0
		05.92- 10.96	112113	28	60				
	[MIDR06.02.26 X]	05.89- 03.93	110163	28	45	05.89- 10.96	113466	24	4.0
		05.89- 10.96	111331	28	60				
		06.89- 03.93	110163	28	45				
		05.89- 10.96	111331	28	60				
M 250.13 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112113	28	60	05.96- 01.00	113466	24	4.0
		05.96- 01.00	112189	28	80				
	[MIDR06.02.26D]	05.96- 01.00	112113	28	60	05.96- 01.00	113466	24	4.0
		05.96- 01.00	112189	28	80				
		05.96- 01.00	112113	28	60				
		05.96- 01.00	112189	28	80				
ME 160.13 5.5	(Midliner)[MID06.02.12B]	05.89- 03.93	111331	28	60	05.89-	113466	24	4.0
		01.90- 01.93	110163	28	45				
	[MID06.02.12B]	05.89- 03.93	111331	28	60	05.89-	113466	24	4.0
		01.90- 01.93	110163	28	45				
		05.89- 03.93	111331	28	60				
		01.90- 01.93	110163	28	45				
ME 180.15 5.5	(Midliner)[MIDR06.02.12D]	05.89- 03.93	111331	28	60	05.89- 03.93	113466	24	4.0
		01.90- 01.93	110163	28	45				
	[MIDR06.35.40C]	10.80- 03.89	110163	28	45				
		10.80- 03.89	111331	28	60				
		10.80- 03.89	112113	28	60				
		10.80- 03.89	110163	28	45				
R 310.17 12.0	[MIDR06.35.40C]	10.80- 03.89	111331	28	60				
		10.80- 03.89	112113	28	60				
	[MIDR06.35.40C]	10.80- 03.89	110163	28	45				
		10.80- 03.89	111331	28	60				
		10.80- 03.89	112113	28	60				
		10.80- 03.89	110163	28	45				
R 310.19 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28	45				
		10.80- 03.89	112113	28	60				
	[MIDR06.35.40C]	10.80- 03.89	110163	28	45				
		10.80- 03.89	111331	28	60				
		10.80- 03.89	112113	28	60				
		10.80- 03.89	110163	28	45				
R 330.17 9.8	[MIDR06.20.45E]	05.88- 05.91	111331	28	60	05.88- 05.91	111231	24	6.6
		07.96- 12.03	112343	28	140				
R 330.19 9.8	[MIDR06.20.45E]	05.88- 05.91	111331	28	60	05.88- 05.91	111231	24	6.6
		07.96- 12.03	112343	28	140				
R 330.24 9.8	[MIHR06.20.45A41]	03.86- 01.90	111331	28	60				
		03.86- 01.90	112113	28	60				
	[MIDR06.35.40G]	03.86- 01.90	111331	28	60				
		03.86- 01.90	112113	28	60				
		03.86- 01.90	111331	28	60				
		03.86- 01.90	112113	28	60				
R 340.17 12.0	[MIDR06.35.40G]	03.86- 01.90	111331	28	60				
		03.86- 01.90	112113	28	60				
	[MIDR06.35.40G]	03.86- 01.90	111331	28	60				
		03.86- 01.90	112113	28	60				
		03.86- 01.90	111331	28	60				
		03.86- 01.90	112113	28	60				
R 340TI.16 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	01.90- 12.92	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 340TI.17 11.1	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	05.91- 10.96	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 340TI.17 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	05.91- 10.96	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 340TI.18 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	05.91- 10.96	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 340TI.19 11.1	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	05.91- 10.96	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 340TI.19 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	05.91- 10.96	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 340TI.24 9.8	(Major)[MIDR06.20.45E]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	05.91- 10.96	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 340TI.26 9.8	(Major)[MIDR06.20.45E3]	05.91- 10.96	111331	28	60	05.91- 10.96	111231	24	6.6
		02.92- 01.96	112113	28	60				
	[MIDR06.20.45E]	01.90- 12.92	111331	28	60	05.91- 10.96	111231	24	6.6
		01.90- 12.92	112113	28	60				
		01.90- 12.92	111331	28	60				
		01.90- 12.92	112113	28	60				
R 350.17 12.0	(Major)[MIDR06.35.40G]	10.90- 01.92	112113	28	60	05.91- 12.92	113262	24	8.8
		05.91- 12.92	111331	28	60				
	[MIDR06.35.40G]	01.90- 09.90	111331	28	60	05.91- 12.92	113262	24	8.8
		01.90- 05.96	112113	28	60				
		10.90- 01.92	112113	28	60				
		05.91- 12.92	111331	28	60				
R 350.18 12.0	(Major)[MIDR06.35.40G]	10.90- 01.92	112113	28	60	05.91- 12.92	113262	24	8.8
		05.91- 12.92							



R 365.17 12.0	[MIDR06.35.40H]	10.87- 05.90	111331	28	60				
		10.87- 05.90	112113	28	60				
R 365.19 12.0	[MIDR06.35.40H]	10.87- 05.90	112113	28	60				
R 365.24 12.0	[MIDR06.35.40H]	10.87- 05.90	111331	28	60				
		10.87- 05.90	112113	28	60				
R 370.16 14.9	[MIVS08.35.30F]	10.83- 07.85	111331	28	60	10.84- 12.85	111231	24	6.6
R 370.22 14.9	[MIVS08.35.30F]	10.83- 07.85	111331	28	60	10.84- 12.85	111231	24	6.6
R 380.17 12.0	(Major)[MIDR06.35.40L1]					05.91- 10.96	113262	24	8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28	60	01.90- 05.91	113262	24	8.8
		01.90- 10.96	112113	28	60				
R 380.18 12.0	(Major)[MIDR06.35.40L1]	05.91- 10.96	111331	28	60	05.91- 10.96	113262	24	8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28	60	01.90- 05.91	113262	24	8.8
		01.90- 10.96	112113	28	60				
R 380.19 12.0	(Major)[MIDR06.35.40L1]					05.91- 10.96	113262	24	8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28	60	01.90- 05.91	113262	24	8.8
		01.90- 10.96	112113	28	60				
R 380.22 12.0	(Major)[MIDR06.35.40H]	10.90- 01.92	112113	28	60	05.91- 12.92	113262	24	8.8
	[MIDR06.35.40H]	01.90- 09.90	111331	28	60	01.90- 05.91	113262	24	8.8
		01.90- 10.96	112113	28	60				
R 380.24 12.0	(Major)[MIDR06.35.40L1]	05.91- 10.96	111331	28	60	05.91- 10.96	113262	24	8.8
	[MIDR06.35.40H]	05.91- 10.96	112113	28	60				
		01.90- 09.90	111331	28	60	01.90- 05.91	113262	24	8.8
		01.90- 10.96	112113	28	60				
R 380.25 12.0	(Major)[MIDR06.35.40H]	10.90- 01.92	112113	28	60	05.91- 12.92	113262	24	8.8
	[MIDR06.35.40L1]	05.91- 12.92	111331	28	60	05.91- 10.96	113262	24	8.8
		05.91- 10.96	112113	28	60				
	[MIDR06.35.40H]	01.90- 09.90	111331	28	60	01.90- 05.91	113262	24	8.8
		01.90- 10.96	112113	28	60				
R 380.26 12.0	(Major)[MIDR06.35.40L1]	05.91- 10.96	111331	28	60	05.91- 10.96	113262	24	8.8
	[MIDR06.35.40H]	05.91- 10.96	112113	28	60				
		01.90- 09.90	111331	28	60	01.90- 05.91	113262	24	8.8
		01.90- 10.96	112113	28	60				
R 385TI.17 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	112113	28	60	05.91- 10.96	113262	24	8.8
R 385TI.18 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28	60	05.91- 10.96	113261#	24	6.6
		05.91- 10.96	112113	28	60	05.91- 10.96	113262	24	8.8
R 385TI.19 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	112113	28	60	05.91- 10.96	113261#	24	6.6
R 385TI.22 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	112113	28	60	05.91- 10.96	113261#	24	6.6
R 385TI.24 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28	60	05.91- 10.96	113262	24	8.8
		05.91- 10.96	112113	28	60				
R 385TI.25 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28	60	05.91- 10.96	113261#	24	6.6
		05.91- 10.96	112113	28	60	05.91- 10.96	113262	24	8.8
R 385TI.26 12.0	(Major)[MIDR06.35.40N/3]	05.91- 10.96	111331	28	60	05.91- 10.96	113261#	24	6.6
		05.91- 10.96	112113	28	60	05.91- 10.96	113262	24	8.8
R 390.16 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28	60	07.85- 03.89	111231	24	6.6
R 390.17 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28	60	07.85- 03.89	111231	24	6.6
R 390.22 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28	60	07.85- 03.89	111231	24	6.6
R 390.24 14.9	[MIVR08.35.30C]	07.85- 03.89	111331	28	60	07.85- 03.89	111231	24	6.6
R 420.17 14.9	[MIVR08.35.30G]	10.88- 10.91	111331	28	60				
	[MIVR08.35.30H]	10.88- 10.91	111331	28	60				
R 420.24 14.9	[MIVR08.35.30G]	10.88- 10.91	111331	28	60				
	[MIVR08.35.30H]	10.88- 10.91	111331	28	60				
R 420.35 14.9	[MIVR08.35.30G]	10.88- 10.91	111331	28	60				
	[MIVR08.35.30H]	10.88- 10.91	111331	28	60				
R 420TI.18 12.0	(Major)[MIDR06.35.40J/3]	10.92- 10.96	112113	28	60	10.92- 10.96	113262	24	8.8
						07.93- 10.96	113261#	24	6.6
R 420TI.19 12.0	(Major)[MIDR06.35.40J/3]	10.92- 10.96	112113	28	60	10.92- 10.96	113262	24	8.8
						07.93- 10.96	113261#	24	6.6
R 420TI.22 12.0	(Major)[MIDR06.35.40J/3]	10.92- 10.96	112113	28	60	10.92- 10.96	113262	24	8.8
						10.92- 10.96	113261#	24	6.6
R 420TI.24 12.0	(Major)[MIDR06.35.40J/3]	04.92- 10.96	112113	28	60	04.92- 10.96	113262	24	8.8
						04.92- 10.96	113261#	24	6.6
R 420TI.26 12.0	(Major)[MIDR06.35.40J/3]	10.92- 10.96	112113	28	60	04.92- 10.96	113262	24	8.8
						05.93- 10.96	113261#	24	6.6
R 420TI.35 12.0	(Major)[MIDR06.35.40J/3]	10.92- 10.96	112113	28	60	04.92- 10.96	113262	24	8.8
						05.93- 10.96	113261#	24	6.6
S 110.06 5.5	(Midliner)[797-21]	06.85- 09.90	110043	28	45	06.85- 09.90	113465	12	3.0
		06.85- 09.90	110163	28	45	06.85- 09.90	113466	24	4.0
S 110.07 5.5	(Midliner)[797-21]	06.85- 09.90	110043	28	45	06.85- 09.90	113466	24	4.0
		06.85- 09.90	110163	28	45				
S 110.08 5.5	(Midliner)[797-21]	06.85- 09.90	111331	28	60	06.85- 09.90	113466	24	4.0
		06.85- 09.90	110043	28	45				
		06.85- 09.90	110163	28	45				
S 120.06 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28	45				
		09.90- 11.92	112113	28	60				
S 120.06 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
	[T4.40 CC]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
S 120.07 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28	45				
		09.90- 11.92	112113	28	60				
S 120.07 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
	[T4.40 CC]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
S 120.08 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28	45				
		09.90- 11.92	112113	28	60				
S 120.08 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
	[T4.40 CC]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
S 120.09 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28	45				
		09.90- 11.92	112113	28	60				
S 120.09 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
	[T4.40 CC]	11.92- 10.94	110163	28	45				
		11.92- 10.94	112113	28	60				
S 130.06 5.5	(Midliner)[797]	05.83- 03.90	110043	28	45	09.83- 01.90	113466	24	4.0
S 130.07 5.5	(Midliner)[797]	05.83- 03.90	110043	28	45	09.83- 01.90	113466	24	4.0
						05.83- 03.90	113465	12	3.0
S 130.08 5.5	(Midliner)[797]	05.83- 03.90	110043	28	45	09.83- 01.90	113466	24	4.0
		09.83- 01.90	111331	28	60	05.83- 03.90	113465	12	3.0
S 130.09 5.5	(Midliner)[797]	05.83- 03.90	110043	28	45	09.83- 01.90	113466	24	4.0
		09.83- 01.90	111331	28	60				
S 130.11 5.5	(Midliner)[797]	05.83- 03.90	110043	28	45	09.83- 01.90	113466	24	4.0
S 130.13 5.5	(Midliner)[797]	05.83- 03.90	110043	28	45	09.83- 01.90	113466	24	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





RENAULT V.I. Continued

Application list

S 135.08 4.0	(Midliner)[T4.40 B/3]	02.94-05.96	110163	28	45	02.94-05.96	113466	24	4.0
		02.94-05.96	112113	28	60				
S 135.08 4.1	(Midliner)[MIDR04.02.26A/41]	05.96-09.98	112113	28	60	05.96-	113466	24	4.0
S 135.09 4.1	(Midliner)[MIDR04.02.26A/41]	05.96-01.00	110163	28	45	05.96-	113466	24	4.0
		05.96-09.98	112113	28	60				
S 140.07 5.5	(Midliner)[MIDS06.02.12C]	01.90-09.93	111331	28	60	01.90-09.93	113466	24	4.0
		02.90-12.90	110163	28	45				
		02.91-09.93	112113	28	60				
S 140.08 5.5	(Midliner)[MIDS06.02.12C]	01.90-09.93	111331	28	60	01.90-09.93	113466	24	4.0
		02.90-12.90	110163	28	45				
		02.91-09.93	112113	28	60				
S 140.09 5.5	(Midliner)[MIDS06.02.12C]	01.90-09.93	111331	28	60	01.90-09.93	113466	24	4.0
		02.90-12.90	110163	28	45				
		02.91-09.93	112113	28	60				
S 150.08 4.1	(Midliner)[MIDR04.02.26B/41]	05.96-09.98	112113	28	60	05.96-01.00	113466	24	4.0
S 150.08 5.5	(Midliner)[798-10]	05.83-07.86	110043	28	45	05.83-07.86	113465	12	3.0
		05.83-07.86	110163	28	45	05.83-07.86	113466	24	4.0
		05.83-07.86	111331	28	60				
	[MIDS06.02.12B]	05.86-09.90	110043	28	45	05.86-09.90	113466	24	4.0
		05.86-09.90	110163	28	45	05.86-09.90	113465	12	3.0
		05.86-09.90	111331	28	60				
	[MIDS06.02.12D/3]	01.94-05.96	110163	28	45	01.94-05.96	113466	24	4.0
		01.94-05.96	112113	28	60				
S 150.08 6.2	(Midliner)[MIDR06.02.26U]	11.92-01.94	112113	28	60	11.92-01.94	113466	24	4.0
	[MIDR06.02.26U/4]	05.96-09.98	112113	28	60	05.96-01.00	113466	24	4.0
	[MIDS06.02.12B]	05.86-09.90	110043	28	45	05.86-09.90	113465	12	3.0
		05.86-09.90	110163	28	45	05.86-09.90	113466	24	4.0
		05.86-09.90	111331	28	60				
S 150.09 4.1	(Midliner)[MIDR04.02.26B/41]	05.96-09.98	110163	28	45	05.96-01.00	113466	24	4.0
		05.96-09.98	112113	28	60				
S 150.09 5.5	(Midliner)[798-10]	05.83-07.86	110043	28	45	05.83-07.86	113465	12	3.0
		05.83-07.86	110163	28	45	05.83-07.86	113466	24	4.0
		05.83-07.86	111331	28	60				
	[MIDS06.02.12B]	05.86-09.90	110043	28	45	05.86-09.90	113465	12	3.0
		05.86-09.90	110163	28	45	05.86-09.90	113466	24	4.0
		05.86-09.90	111331	28	60				
	[MIDS06.02.12D/3]	01.94-05.96	110163	28	45	01.94-05.96	113466	24	4.0
		01.94-05.96	112113	28	60				
S 150.09 6.2	(Midliner)[MIDR06.02.26U]	11.92-01.94	112113	28	60	11.92-01.94	113466	24	4.0
	[MIDR06.02.26U/4]	05.96-09.98	112113	28	60	05.96-01.00	113466	24	4.0
S 150.11 5.5	(Midliner)[MIDS06.02.12B]	05.86-09.90	110043	28	45	05.86-09.90	113466	24	4.0
		05.86-09.90	110163	28	45	05.86-09.90	113465	12	3.0
		05.86-09.90	111331	28	60				
S 150.13 5.5	(Midliner)[MIDS06.02.12B]	05.86-09.90	110043	28	45	04.86-09.90	113465	12	3.0
		05.86-09.90	110163	28	45	04.86-09.90	113466	24	4.0
		05.86-09.90	111331	28	60				
S 150.14 5.5	(Midliner)[MIDS06.02.12B]	05.86-09.90	110043	28	45	05.86-09.90	113466	24	4.0
		05.86-09.90	110163	28	45	05.86-09.90	113465	12	3.0
S 160.08 5.5	(Midliner)[MIDS06.02.12B]	01.90-09.93	111331	28	60	01.90-09.93	113466	24	4.0
		02.90-12.90	110163	28	45				
		02.91-04.93	112113	28	60				
S 160.09 5.5	(Midliner)[MIDS06.02.12B]	01.90-09.93	111331	28	60	01.90-09.93	113466	24	4.0
		02.90-12.90	110163	28	45				
		02.90-04.93	112113	28	60				
S 170.11 5.5	(Midliner)[MIDR06.02.12D]	10.82-03.93	110043	28	45	10.82-03.93	113466	24	4.0
		10.82-03.93	110163	28	45	10.82-03.93	113465	12	3.0
S 170.13 5.5	(Midliner)[MIDR06.02.12D]	10.82-03.93	110043	28	45	10.82-03.93	113466	24	4.0
		10.82-03.93	110163	28	45	10.82-03.93	113465	12	3.0
S 170.14 5.5	(Midliner)[MIDR06.02.12D]	10.82-03.93	110043	28	45	10.82-03.93	113465	12	3.0
		10.82-03.93	110163	28	45	10.83-05.89	113466	24	4.0
S 170.15 5.5	(Midliner)[MIDR06.02.12D]	10.82-03.93	110043	28	45	10.82-09.93	113466	24	4.0
		10.82-03.93	110163	28	45	10.82-09.93	113465	12	3.0
S 180.08 6.2	(Midliner)[MIDR06.02.26V]	11.92-06.94	112113	28	60	11.92-10.96	113466	24	4.0
	[MIDR06.02.26V/41]	05.96-09.98	112113	28	60	05.96-01.00	113466	24	4.0
S 180.09 6.2	(Messenger)[MIDR06.02.26V]	11.92-06.94	112113	28	60	11.92-10.96	113466	24	4.0
	(Midliner)[MIDR06.02.26V]	11.92-06.94	112113	28	60	11.92-10.96	113466	24	4.0
	[MIDR06.02.26V/41]	05.96-09.98	112113	28	60	05.96-01.00	113466	24	4.0
S 210.08 6.2	(Midliner)[MIDR06.02.26W]	05.96-09.98	112113	28	60	04.95-01.00	113466	24	4.0
	[MIDR06.02.26W/41]	05.96-09.98	112113	28	60	04.95-01.00	113466	24	4.0
S 210.09 6.2	(Midliner)[MIDR06.02.26W]	05.96-09.98	112113	28	60	04.95-01.00	113466	24	4.0
	[MIDR06.02.26W/41]	05.96-09.98	112113	28	60	04.95-01.00	113466	24	4.0
S 220.11 6.2	(Midliner)[MIDR06.02.26]	09.87-09.90	110163	28	45	09.87-09.90	113466	24	4.0
		09.87-09.90	111331	28	60				
	[MIDR06.02.26D]	09.87-09.90	110163	28	45	09.87-09.90	113466	24	4.0
		09.87-09.90	111331	28	60				
S 220.13 6.2	(Midliner)[MIDR06.02.26]	09.87-09.90	110163	28	45	09.87-09.90	113466	24	4.0
		09.87-09.90	111331	28	60				
	[MIDR06.02.26D]	09.87-09.90	110163	28	45	09.87-09.90	113466	24	4.0
		09.87-09.90	111331	28	60				
S 220.14 6.2	(Midliner)[MIDR06.02.26]	09.87-09.90	110163	28	45	09.87-09.90	113466	24	4.0
		09.87-09.90	111331	28	60				
	[MIDR06.02.26D]	09.87-09.90	110163	28	45	09.87-09.90	113466	24	4.0
		09.87-09.90	111331	28	60				
Tracer 9.8	(Tracer)[MIHR 06.20.45 A41]	07.96-	112343	28	140				
Various Models						05.87-05.91	111231	24	6.6
Rover									
PASSENGER CARS EU									
25 1.1 16V	[11K4F] Chas. TD471565- ,YD524392	05.05-	112414	14	85	05.05-	113346	12	0.8
	[11K4F] Chas. -YD471564	05.05-	111756	14	65				
25 1.4 16V	[14K4F] AC 10.99-		112414	14	85	10.99-	113346	12	0.8
	[14K4M] 10.99-		112414	14	85	10.99-	113346	12	0.8
	[14K4F] 10.99-		112414	14	85				
	[14K4M] AC 10.99-		112414	14	85				
25 1.6 16V	[16K4F] AC 10.99-		112414	14	85	10.99-	113346	12	0.8
	[16K4F] 10.99-		112414	14	85				
25 1.8 16V	[18K4F] 10.99-		112414	14	85	10.99-	113281	12	1.1
	[18K4K (VVC)] 02.00-		112414	14	85	02.00-	113281	12	1.1
25 2.0 IDT	[20T2N] 10.99-05.05		114386	14	90	01.02-06.04	113361	12	1.7
	[20T2N] 10.99-					10.99-	113928	12	1.7
45 1.4	[14K4F] AC 02.00-		112414	14	85	02.00-05.05	113346	12	0.8
	[14K4F] 02.00-		112414	14	85				
45 1.6	[16K4F] AC 02.00-		112414	14	85	02.00-	113346	12	0.8
	[16K4F] 02.00-		112414	14	85				
45 1.8	[18K4F] 02.00-		112414	14	85	02.00-	113281	12	1.1
	[18K4F] AC 02.00-		112414	14	85				
45 2.0 IDT	[20T2N] 02.00-05.05		114386	14	90	02.00-	113361	12	1.7
	[M47R] 02.99-		112462	14	120	02.00-	113928	12	1.7
75 2.0 CDT	[M47R] 02.99-		112472	14	100	02.99-	113965	12	2.0
75 2.0 CDTI	[204D2] 02.03-		112462	14	120	02.03-	113965	12	2.0
	[204D2] 02.03-		112472	14	100				



111 1.1 Metro	[11K2D]	03.90-	111364	14	55	03.90-	113346	12	0.8	
	[11K2A]	03.90- 03.98	111086	14	65	03.90-	113346	12	0.8	
114 1.4	[11K2D]	03.90- 03.98	111086	14	65					
	[14K2D]	03.90-	111364	14	55	03.90-	113346	12	0.8	
114 1.4 Metro	[14K4F]					03.97- 10.98	113346	12	0.8	
	[14K2D]	09.90- 03.98	111756	14	65	04.94-	113346	12	0.8	
	[14K2A]	03.90-	112238	14	65	03.90-	113346	12	0.8	
114 1.4 16V Metro	[14K2A]	03.90-	111364	14	55					
	[14K4C]	03.90- 03.98	111756	14	65					
	[14K4C]	03.90-	111364	14	55	03.90-	113346	12	0.8	
	[14K4D]	03.90- 02.96	112238	14	65					
114 1.4 GSi	[14K4D]	03.90-	111364	14	55					
	[14K4F]	10.94- 10.95	112238	14	65	10.94- 10.95	113346	12	0.8	
	[14K4F]	10.94- 10.95	111364	14	55					
114 1.4 GTI 16V	[14K4F]	08.91-	112238	14	65	08.91-	113346	12	0.8	
114 1.4 GTI 16V Metro	[14K4C]	03.90- 08.91	112238	14	65	03.90- 08.91	113346	12	0.8	
	[14K4D]	03.90- 08.91	112238	14	65	03.90- 08.91	113346	12	0.8	
114 1.4	[TUD3]					AT 10.92- 12.94	113346	12	0.8	
115 1.5 Diesel Metro	[TUD5]					10.92- 12.94	111029	12	1.4	
200 2.0 Diesel SD	[20T2R]	12.94- 12.98	112287	14	70	12.94- 12.98	111029	12	1.4	
211 1.1	[20T2R]	Chas. -YD471564	11.95- 03.00	114386	14	90	11.95-	113361	12	1.7
213 1.3	[11K2D]	01.98-	111756	14	65	01.98-	113346	12	0.8	
214 1.4	[EV2]	09.85- 09.89	110927	14	55	09.85- 09.89	110249	12	0.8	
	[14K4C]	10.89- 09.93	112238	14	65	Chas. 605482- 10.89- 02.96	113346	12	0.8	
214 1.4	[14K2A]	09.93-	111362	14	55	09.93-	113346	12	0.8	
	[14K2D]	09.93-	112114							
	[14K4C]	09.93-	112114			09.93-	113346	12	0.8	
	[14K4C]	10.89-	111364	14	55					
	[14K4C]	Chas. A679673- 10.92- 02.96	112238	14	65					
	[14K4D]	AC 10.89-	112114							
	[14K4D]	10.89-	111364	14	55					
	[14K4D]	10.89- 09.93	112238	14	65	10.89-	113346	12	0.8	
	[14K4F]	AC 10.89-	112114							
	[14K4F]	12.92-	111364	14	55					
214 1.4 i	[14K4F]	12.92-	112238	14	65	12.92-	113346	12	0.8	
	[14K2F]	AC 12.92- 02.96	112114							
	[14K4C]	11.95-	111756	14	65	11.95-	113346	12	0.8	
	[14K4C]	01.92-	111362	14	55	01.92-	113346	12	0.8	
214 1.4 Si	[14K4D]	AC 01.92-	112114							
	[14K4D]	01.92-	111362	14	55	01.92-	113346	12	0.8	
	[14K4D]	AC 01.92-	112114							
216 1.6	[14K4F]	01.93-	112238	14	65	01.93-	113346	12	0.8	
216 1.6	[14K4F]	02.96-	111756	14	65	11.95-	113346	12	0.8	
216 1.6 Vitesse	[16H]	03.85- 09.89	111756	14	65					
216 1.6 GTI	[16H]	03.85- 09.89	111086	14	65					
216 1.6 GSi	[D16 Z2]	10.89- 02.96	111578	14	60	10.89-	110312	12	1.0	
216 1.6 GTI	[D16 A8]	09.90-	111578	14	60	09.90-	110312	12	1.0	
216 1.6 i	[D16 A9]	09.90- 10.95	111578	14	60	09.90- 10.95	110837#	12	1.05	
	[16K4F]	01.96- 03.00	111756	14	65	01.96- 03.00	113346	12	0.8	
216 1.6 Si	[D16 A8]	01.92-	111578	14	60	01.92- 11.99	110837#	12	1.05	
216 1.6 Turbo	[16K4F]	02.96-	111756	14	65	11.95-	113346	12	0.8	
218 1.8 i	[D16 A8]	10.92-	111578	14	60	10.92-	110312	12	1.0	
218 1.8 Diesel	[18K4K]	11.95- 03.00	111756	14	65	11.95-	113281	12	1.1	
	[XUD7TE]	11.95-	112202	14	85					
220 2.0 GTI	[XUD7TE]	09.91-	112705	14	70	09.91- 10.95	113928	12	1.7	
220 2.0 Diesel	[20M4F]	09.91-	110968	14	70	09.91- 10.95	111006#	12	2.0	
220 2.0 GTI	[20M4F]	09.91- 10.95	110968	14	70					
	[20T4H]	09.91-	111355	14	65					
	[20T4H]	AC 09.91- 06.96	112324	14	85					
220 2.0 Turbo	[20T4G]	AC 01.93- 06.96	112324	14	85					
	[20T4G]	10.92-	110968	14	70					
220 2.0 SDI	[20T4G]	10.92-	111355	14	65					
	[20T4G]	AC 10.92-	112324	14	85					
220 2.0 SDI	[20T2N]	11.95- 03.00	114386	14	90	11.95-	113361	12	1.7	
400 1.8 i	[18K4K]	06.96- 11.98	111756	14	65	06.96-	113281	12	1.1	
414 1.4	[14K4C]	04.90-	112114			04.90-	113346	12	0.8	
	[14K4D]	04.90-	111364	14	55					
	[14K4D]	AC 04.90-	112114							
	[14K4D]	04.90- 02.96	111364	14	55	04.90-	113346	12	0.8	
414 1.4 Si	[14K4D]	AC 04.90- 02.96	112114							
	[14K4F]	01.93-	112238	14	65	01.93-	113346	12	0.8	
416 1.6	[14K4F]	04.96-	111756	14	65	05.95-	113346	12	0.8	
416 1.6 16V	[D16 Z2]	04.90-	111578	14	60	04.90-	110312	12	1.0	
416 1.6 GTI	[16K4F]	03.96-	111756	14	65	03.96-	113346	12	0.8	
416 1.6 GTI	[D16 A8]	04.90-	111578	14	60	04.90-	110312	12	1.0	
416 1.6 Si	[16K4F]	04.96-	111756	14	65	AT, Chas. AD250029- 05.95- 03.00	112217	12	1.0	
	[D16 A8]	04.96-	112202	14	85	05.95- 03.00	113346	12	0.8	
	[D16 V2]	04.96-	111756	14	65	AT, Chas. AD250029- 05.95- 03.00	112217	12	1.0	
418 1.8 16V	[18 K4K(VVC)]	01.97- 12.98	111756	14	65					
418 1.8 Diesel	[XUD7TE]	09.91- 04.95	112705	14	70	09.91- 04.95	111006#	12	2.0	
420 2.0	[20M4F]	AC 02.92-	112324	14	85					
	[20T4H]	AC 01.93-	112324	14	85					
	[20T4H]	AC 12.95-	112324	14	85					
420 2.0 GSi	[20T4H]	AC 12.95-	112324	14	85					
420 2.0 Si	[20T4H]	AC 12.95-	112324	14	85					
420 2.0 Turbo	[20T4G]	AC 01.93-	112324	14	85					
420 2.0 Diesel DI	[20T2N]	05.95- 03.00	114386	14	90	05.95-	113361	12	1.7	
420 2.0 Diesel	[20T2N]	05.95- 03.00	114386	14	90	05.95-	113361	12	1.7	
	[20T2R]	11.95- 03.00	114386	14	90	11.95-	113361	12	1.7	
618 1.9 i Si	[F18A3]					AT 03.96-	111442	12	1.4	
620 2.0 i	[F20Z2]	05.95- 06.96	112209	14	70	03.96-	112214	12	1.6	
	[F20Z1]	05.95-	112209	14	70	08.93- 06.96	112214	12	1.6	
620 2.0 Si	[F20Z1]	05.95-	112209	14	70	AT 08.93-	111442	12	1.4	
620 2.0 Ti Vitesse	[20T4G]					08.93-	112214	12	1.6	
	[20T4G]	AC 07.94- 02.99	112324	14	85					
620 2.0 SDI	[20T2N]	12.94- 12.98	114386	14	90	12.94-	113361	12	1.7	
623 2.3 Si	[H23A3]	08.93-	112209	14	70	AT 08.93-	111442	12	1.4	
820 2.0 16V Si	[20HD]	10.86- 10.88	110968	14	70	08.93-	112214	12	1.6	
	[20HD]	10.86- 10.88	110968	14	70					
820 2.0 i 16V	[20HD]	10.86- 10.88	111738	14	65					
	[20HD]	10.88- 01.91	111355	14	65					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

ROVER Continued

820 2.0 i	[20HD]				10.88- 12.91	110443	12	2.1	
	[20T4H]				01.92- 02.99	110443	12	2.1	
820 2.0 Si	[20HDM16]	10.88- 12.91	111355	14	65	10.88- 12.91	111131	12	0.8
	[20HD]					10.88- 12.91	110443	12	2.1
	[20HDM16]	10.88- 12.91	110968	14	70				
820 2.0 Turbo 16V	[T16]								
825 2.5 Si	[C25A1]	10.86- 12.91	110680	14	70	10.86- 12.91	111546	12	1.6
	[C25A2]	10.86- 12.91	110680	14	70	10.86- 12.91	111546	12	1.6
	[25K4F]	04.96- 02.99	112209	14	70				
825 2.5 Si Sterling	[C25A2]					01.87- 12.91	111546	12	1.6
825 2.5 Diesel	[425SL1RR]					01.92- 112454	12	2.2	
	[4924SHIRG]					01.92- 112454	12	2.2	
825 2.5 TD	[425SL1RR]					09.93- 112454	12	2.2	
	[4924SHIRG]					09.93- 112454	12	2.2	
825 2.7 SLi Vitesse	[C27A2]	AT 10.88- 12.91	110680	14	70	10.88- 12.91	111546	12	1.6
	[C27A2]	10.88- 12.91	110968	14	70				
		10.88- 12.91	111355	14	65				
827 2.7	[C27A1]	10.88- 12.91	110968	14	70	10.88- 12.91	111546	12	1.6
	[C27A1]	10.88- 12.91	111355	14	65				
		AT 10.88- 12.91	110680	14	70				
827 2.7 24V	[C27A1]	08.92- 02.99	110968	14	70	08.92-	111546	12	1.6
		08.92-	111355	14	65				
		AT 08.92-	110680	14	70				
827 2.7 Si	[C27A1]	01.92-	111355	14	65	01.92-	111546	12	1.6
	[C27A2]	02.88- 12.91	111355	14	65	02.88- 12.91	111546	12	1.6
	[C27A1]	01.92- 02.99	110968	14	70				
		AT 01.92-	110680	14	70				
	[C27A2]	02.88- 12.91	110968	14	70				
		AT 02.88- 12.91	110680	14	70				
827 2.7 Si Sterling	[C27A1]	AT 02.88-	110680	14	70	02.88-	111546	12	1.6
	[C27A2]	02.88- 12.91	110968	14	70	02.88- 12.91	111546	12	1.6
	[C27A1]	02.88- 02.99	110968	14	70				
		02.88-	111355	14	65				
1300 1.3		06.91- 05.01	112203	14	65				
2200 2.2		01.72- 05.76	111185	14	43				
3500 3.5	[38A]	06.76- 01.77	113474	14	65				
		04.68- 05.76	111184	14	43				
820 E 2.0	[20HS]	10.86- 10.91	110968	14	70				
		10.86- 10.88	111738	14	65				
		10.88- 10.91	111355	14	65				
Maestro 1.3		09.90- 01.95	110770	14	55				
Maestro 1.6		09.90- 01.95	111086	14	65				
Maestro 2.0 Diesel		09.90- 10.92	110770	14	55	09.90- 10.92	111006#	12	2.0
Maestro 2.0 TD		09.90- 01.95	110770	14	55	09.90- 01.95	111006#	12	2.0
Mini 1.3	[12 A2B]	10.92- 07.96	111289	14	70				
	[12A2E]	09.94- 07.96	111289	14	70				
		01.96- 09.00	112203	14	65				
Montego 1.3	[12HL]	10.84- 10.88	111362	14	55				
Montego 1.6		01.84- 01.91	111176	14	75				
		01.84- 01.91	111086	14	65				
Montego 2.0 GTI		10.88- 10.91	111362	14	55				
		AC 10.88- 10.91	111355	14	65				
		10.88- 10.91	110968	14	70				
		01.84- 01.92	112238	14	65				
Montego 2.0 TD	[BB]	10.88- 10.95	110770	14	55	10.88- 10.95	111006#	12	2.0
Streetwise 1.4	[14K4F]					08.03-	113346	12	0.8
Streetwise 2.0 TD	[20T2N]	08.03- 05.05	114386	14	90	08.03-	113361	12	1.7
<b>Ruggerini</b>									
<b>MARINE</b>									
Various Models							112497	12	1.4
						05.82-	112034	12	1.7
<b>MOTORS</b>									
Ni Vozil							113480	12	1.2
RF80						09.81-	112034	12	1.7
RF81						09.81-	112034	12	1.7
RF96						03.88-	112034	12	1.7
RF99						06.86-	112034	12	1.7
Various Models 0.7	[MD15.]					06.87-	112497	12	1.4
	[MM150]					07.91-	112497	12	1.4
	[MW15.]					02.89-	112497	12	1.4
Various Models 0.9	[MD19.]					03.89-	112497	12	1.4
	[MM19.]					03.89-	112497	12	1.4
	[MW19.]					06.89-	112497	12	1.4
Various Models						09.81-	112034	12	1.7
<b>Sabb</b>									
<b>MARINE</b>									
8 0.6	[H]					01.63- 06.83	111208#	12	1.35
	[HG]					01.66- 06.83	111208#	12	1.35
9 1.6	[2G]					01.59- 06.83	111284	12	2.5
						01.59- 06.83	111304	12	1.9
13 1.2	[2H, HG]					01.66- 06.83	111208#	12	1.35
16 1.9	[2J]					01.72-	111284	12	2.5
						01.72-	111304	12	1.9
<b>Sabre</b>									
<b>MARINE</b>									
Various Models		01.86-	113342	28	95				
			111509						
			112111	14	70				
			113714	28	55				
			112110	28	45				
			112112	14	70				
<b>Same</b>									
<b>AGRICULTURE</b>									
Buffalo 120 6.2	[DA1056]					01.78- 10.80	110530	12	3.0
						07.74- 12.77	110551	12	3.0
						10.80- 10.81	111001	12	3.0
Centaurio 70 Diesel		12.81- 10.87	111180	14	33	12.81- 10.87	110530	12	3.0
		12.81- 10.87	110882	14	45				
		06.85-	110890	14	55				
Centurion 75 Diesel		11.78- 05.88	111180	14	33	11.78- 05.88	110530	12	3.0
		01.81-	110890	14	55				
		11.78- 05.88	110882	14	45				
Drago 5.4						11.71- 12.77	110551	12	3.0
						01.78- 05.86	110530	12	3.0
						10.80- 10.83	111001	12	3.0
Explorer 60 3.0 Diesel	[100.3A]	06.86-	110882	14	45				
Explorer 70 4.0 Diesel		07.86-	110882	14	45	07.86-	111001	12	3.0
Explorer 80 4.0 Diesel						07.86-	111001	12	3.0
Explorer 90 4.0 Diesel		06.86-	110882	14	45	06.86-	111001	12	3.0
Frutteto 75 3.0 Diesel						05.91-	110530	12	3.0
						05.91-	111001	12	3.0
Galaxy 170 6.2 Diesel						06.83-	110530	12	3.0
Laser 100 5.2 Diesel		03.84- 05.85	110882	14	45	03.84-	110530	12	3.0
Laser 110 5.7 Diesel						03.83- 12.87	110530	12	3.0
Laser 130 6.2 Diesel						04.83- 12.87	110530	12	3.0
Laser 150 6.2 Diesel		03.83-	110882	14	45	03.83- 12.87	110530	12	3.0
Panther 4.5	[DA985]					07.74- 12.77	110551	12	3.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Ranger 45 2.7 Diesel	02.82- 08.85	111180	14	33			02.82-	110530	12	3.0
	09.85- 04.88	110882	14	45						
Solar 50 2.7 Diesel	06.86-	110882	14	45						
Solar 55 2.8 Diesel	06.87-	110882	14	45						
Solar 60 3.1 Diesel							06.86-	110530	12	3.0
Titan 140 6.0 Diesel	05.91-	112556	14	95			05.91-	110530	12	3.0
Titan 190 6.0 Diesel	01.92-	112556	14	95			01.92-	110530	12	3.0
Transporter							01.91-	110530	12	3.0
Various Models	01.70- 01.97	111649	14	33			01.80-	111645	12	0.4
								111001	12	3.0
							11.71- 12.77	110551	12	3.0
							05.60-	110530	12	3.0
<b>Sampo-Rosenlew</b>										
<b>AGRICULTURE</b>										
Various Models								114254	12	2.7 GR
							01.70- 01.90	111737	12	2.8
							01.69-	110545	12	3.0
<b>Saturn</b>										
<b>PASSENGER CARS US</b>										
L Series 2.2	01.00- 01.04	113798	14	120			01.01- 12.01	112899	12	1.4
L Series 3.0	mOTOR 181 01.00- 01.05	113799	14	120						
SC Series 1.9	01.98- 01.02	112861	14	90			01.95- 01.02	113122#	12	1.1
							01.91- 01.93	112847#	12	1.4
SL Series 1.9	01.98- 01.02	112861	14	90			01.95- 01.02	113122#	12	1.1
							01.91- 01.93	112847#	12	1.4
SW Series 1.9	01.98- 01.01	112861	14	90			01.95- 01.01	113122#	12	1.1
							01.93- 01.93	112847#	12	1.4
VUE 2.2	01.02- 01.04	113748	14	105			01.02- 01.03	112899	12	1.4
VUE 3.0	Motor 181 01.02- 01.03	113800	14	125						
<b>Scania</b>										
<b>TRUCKS EU</b>										
230 11.7	(P/G/R/T Series)[DC12.13]	09.05-	114028	28	80					
230 8.9	(P/G/R/T Series)[DC9.13]	09.04-	114028	28	80		09.04-	113891	24	5.5
	[DC9.16]	09.04-	114028	28	80		09.04-	113891	24	5.5
	[DC9.18]	09.04-	114028	28	80					
230 9.3	(P/G/R/T Series)[DC9.30]	09.07-	114028	28	80					
	[DC9.35]	09.07-	114028	28	80					
270 11.7	(P/G/R/T Series)[DC12.17]	09.05-	114028	28	80					
270 8.9	(P/G/R/T Series)[DC9.12]	09.04-	114028	28	80					
	[DC9.17]	09.04-	114028	28	80					
270 9.0	(P/G/R/T Series)[DC9.12]	09.04-	114028	28	80		09.04-	113891	24	5.5
280 9.3	(P/G/R/T Series)[DC9.29]	09.07-	114028	28	80					
310 8.9	(P/G/R/T Series)[DC9.11]	09.04-	114028	28	80		09.04-	113891	24	5.5
	[DC9.17]	09.05-	114028	28	80					
	[DC9.18]	09.04-	114028	28	80		09.04-	113891	24	5.5
340 10.6	(P/G/R/T Series)[DC11.08]	03.04-	114028	28	80		03.04-	113891	24	5.5
340 11.7	(P/G/R/T Series)[DC12.10]	08.04-	114028	28	80					
	[DC12.13]	09.05-	114028	28	80		09.05-	113891	24	5.5
380 10.6	(P/G/R/T Series)[DC11.09]	03.04-	114028	28	80		03.04-	113891	24	5.5
380 11.7	(P/G/R/T Series)[DC12.13]	08.04-	114028	28	80		09.05-	113891	24	5.5
	[DC12.17]	09.04-	114028	28	80					
	[DC12.18]	09.04-	114028	28	80					
420 11.7	(P/G/R/T Series)[DC12.06]	09.07-	114028	28	80					
	[DC12.14]	03.04-	114028	28	80		03.04-	113891	24	5.5
	[DC12.15]	04.04-	114028	28	80		09.04-	113891	24	5.5
	[DT12.11]	03.04-	114028	28	80		03.04-	113891	24	5.5
	[DT12.12]	02.04-	114028	28	80		09.04-	113891	24	5.5
440 12.7	(P/G/R/T Series)[DC13.10]	03.08-	114028	28	80					
470 11.7	(P/G/R/T Series)[DT12.03]	04.04-	114028	28	80					
	[DT12.06]	03.04- 10.05	114028	28	80		03.04- 10.05	113891	24	5.5
		09.05-	114028	28	80					
480 11.7	(P/G/R/T Series)[DT12.06]	04.04-	114028	28	80					
	[DT12.17]	09.04-	114028	28	80					
480 12.7	(P/G/R/T Series)[DC13.07]	03.08-	114028	28	80					
500 15.6	(P/G/R/T Series)[DC16.04]	03.04-	114028	28	80		03.04- 09.06	113859	24	6.0
	[DC16.06]	04.04-	114028	28	80					
	[DC16.09]	04.04-	114028	28	80					
500 16.0	(P/G/R/T Series)[DC16.04]						09.04- 10.05	113859	24	6.0
	[DC16.09]						05.06-	113859	24	6.0
560 15.6	(P/G/R/T Series)[DC16.05]	04.04-	114028	28	80					
	[DC16.18]	03.08-	114028	28	80					
580 15.6	(P/G/R/T Series)[DC16.03]	03.04-	114028	28	80		03.04- 09.06	113859	24	6.0
580 16.0	(P/G/R/T Series)[DC16.03]						09.04- 10.05	113859	24	6.0
620 15.6	(P/G/R/T Series)[DC16.08]	09.04-	114028	28	80		02.06-	113859	24	6.0
	[DC16.17]	03.08-	114028	28	80					
	[DT16.08]	02.06-	114028	28	80					
112 H/280 11.0	[DS11.14]	01.81- 08.89	110043	28	45	BO	01.84-	112119	24	6.6
		01.81- 08.89	110076	28	55	PR	01.81- 12.83	110214	24	6.6
		01.81- 08.89	111834	28	55	BO				
		01.81- 12.86	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112757	28	55	BO				
		08.89-	112758	28	75					
112 H/305 11.0	[DS11.15]	01.81- 08.89	110043	28	45	BO	01.84-	112119	24	6.6
		01.81- 08.89	110076	28	55	PR	01.81- 12.93	110214	24	6.6
		01.81- 08.89	111834	28	55	BO				
		01.81- 12.86	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112757	28	55	BO				
		08.89-	112758	28	75					
112 M/305 11.0	[DS11.15]	01.81- 08.89	110043	28	45	BO	01.84-	112119	24	6.6
		01.81- 08.89	110076	28	55	PR	01.81- 12.83	110214	24	6.6
		01.81- 08.89	111834	28	55	BO				
		01.81- 12.86	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112757	28	55	BO				
		08.89-	112758	28	75					
113 E/320 11.0	[DSC11.16]	11.91- 12.96	110043	28	45		11.91-	112119	24	6.6
		11.91-	111527	28	55	PR				
		11.91-	112076	28	80					
		11.91-	112757	28	55	BO				
		11.91-	112758	28	75					
		01.94-	111886	28	45					
	[DSC11.17]	11.91- 12.96	110043	28	45		11.91-	112119	24	6.6
		11.91-	111527	28	55	PR				
		11.91-	112076	28	80					
		11.91-	112757	28	55	BO				
		11.91-	112758	28	75					
	[DSC11.21]	11.91- 12.96	110043	28	45		11.91-	112119	24	6.6
		11.91-	111527	28	55	PR				
		11.91-	112076	28	80					
		11.91-	112757	28	55	BO				
		11.91-	112758	28	75					





SCANIA Continued

Application list

113 E/360 11.0	[DSC11.13]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6						
		01.90-12.96	110076	28	55										
		01.90-	111527	28	55					PR					
		01.90-	112076	28	80					BO					
		01.90-	112757	28	55										
		01.90-	112758	28	75										
	01.94-	111886	28	65											
	[DSC11.18]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6						
		01.90-12.96	110076	28	55										
		01.90-	111527	28	55					PR					
		01.90-	112076	28	80					BO					
		01.90-	112757	28	55										
		01.90-	112758	28	75										
	01.90-	112758	28	75											
	[DSC11.23]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6						
		01.90-12.96	110076	28	55										
		01.90-	111527	28	55					PR					
		01.90-	112076	28	80					BO					
		01.90-	112757	28	55										
		01.90-	112758	28	75										
01.90-	112758	28	75												
[DSC11.30]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6							
	01.90-12.96	110076	28	55											
	01.90-	111527	28	55					PR						
	01.90-	112076	28	80					BO						
	01.90-	112757	28	55											
	01.90-	112758	28	75											
01.90-	112758	28	75												
113 E/380 11.0	[DSC11.22]	01.91-12.96	110043	28	45	01.91-	112119	24	6.6						
		01.91-12.96	110076	28	55										
		01.91-	111527	28	55					PR					
		01.91-	112076	28	80					BO					
		01.91-	112757	28	55										
		01.91-	112758	28	75										
	01.94-	111886	28	65											
	[DSC11.70]	01.91-12.96	110043	28	45	01.91-	112119	24	6.6						
		01.91-12.96	110076	28	55										
		01.91-	111527	28	55					PR					
		01.91-	112076	28	80					BO					
		01.91-	112757	28	55										
01.91-		112758	28	75											
01.91-	112758	28	75												
113 H/310 11.0	[DS11.34]	05.88-12.91	110043	28	45	05.88-	112119	24	6.6						
		05.88-12.91	110076	28	55					PR					
		05.88-	111527	28	55					PR					
		05.88-08.89	111834	28	55					BO					
		05.88-	112076	28	80										
		05.88-12.89	112182	28	80										
		05.88-	112757	28	55										
		05.88-	112758	28	75					BO					
		05.88-	112758	28	75										
		[DS11.73]	05.88-12.91	110043	28					45	05.88-	112119	24	6.6	
			05.88-12.91	110076	28					55					PR
			05.88-	111527	28					55					PR
	05.88-08.89		111834	28	55	BO									
	05.88-		112076	28	80										
	05.88-12.89		112182	28	80										
	05.88-	112757	28	55											
	05.88-	112758	28	75	BO										
	05.88-	112758	28	75											
	[DS11.75]	01.90-12.91	110043	28	45	01.90-	112119	24	6.6						
		01.90-12.91	110076	28	55										
		01.90-	111527	28	55					PR					
		01.90-	112076	28	80					BO					
		01.90-	112757	28	55										
		01.90-	112758	28	75										
01.90-	112758	28	75												
[DSC11.08]	01.90-12.91	110043	28	45	01.90-	112119	24	6.6							
	01.90-12.91	110076	28	55											
	01.90-	111527	28	55					PR						
	01.90-	112076	28	80					BO						
	01.90-	112757	28	55											
	01.90-	112758	28	75											
01.90-	112758	28	75												
113 H/320 11.0	[DSC11.16]	05.88-12.96	110043	28	45	05.88-	112119	24	6.6						
		05.88-12.96	110076	28	55					PR					
		05.88-	111527	28	55					PR					
		05.88-08.89	111834	28	55					BO					
		05.88-	112076	28	80										
		05.88-12.89	112182	28	80										
		05.88-	112757	28	55										
		05.88-	112758	28	75					BO					
		05.88-	112758	28	75										
		01.94-	111886	28	65										
		[DSC11.17]	01.90-12.96	110043	28					45	01.90-	112119	24	6.6	
			01.90-12.96	110076	28					55					
	01.90-		111527	28	55	PR									
	01.90-		112076	28	80	BO									
	01.90-		112757	28	55										
	01.90-		112758	28	75										
	01.90-	112758	28	75											
	[DSC11.21]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6						
		01.90-12.96	110076	28	55										
		01.90-	111527	28	55					PR					
		01.90-	112076	28	80					BO					
		01.90-	112757	28	55										
		01.90-	112758	28	75										
	01.90-	112758	28	75											
113 H/360 11.0	[DSC11.13]	05.88-12.96	110043	28	45	05.88-	112119	24	6.6						
		05.88-12.96	110076	28	55					PR					
		05.88-	111527	28	55					PR					
		05.88-08.89	111834	28	55					BO					
		05.88-	112076	28	80										
		05.88-12.89	112182	28	80										
		05.88-	112757	28	55										
		05.88-	112758	28	75					BO					
		05.88-	112758	28	75										
		01.94-	111886	28	65										
		[DSC11.18]	01.90-12.96	110043	28					45	01.90-	112119	24	6.6	
			01.90-12.96	110076	28					55					
	01.90-		111527	28	55	PR									
	01.90-		112076	28	80	BO									
	01.90-		112757	28	55										
	01.90-		112758	28	75										
	01.90-	112758	28	75											
	[DSC11.23]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6						
		01.90-12.96	110076	28	55										
		01.90-	111527	28	55					PR					
		01.90-	112076	28	80					BO					
		01.90-	112757	28	55										
		01.90-	112758	28	75										
	01.90-	112758	28	75											
[DSC11.30]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6							
	01.90-12.96	110076	28	55											
	01.90-	111527	28	55					PR						
	01.90-	112076	28	80					BO						
	01.90-	112757	28	55											
	01.90-	112758	28	75											
01.90-	112758	28	75												
113 H/380 11.0	[DSC11.22]	01.91-12.96	110043	28	45	01.91-	112119	24	6.6						
		01.91-12.96	110076	28	55										
		01.91-	111527	28	55					PR					
		01.91-	112076	28	80					BO					
		01.91-	112757	28	55										
		01.91-	112758	28	75										
	01.91-	112758	28	75											
	[DSC11.70]	01.91-12.96	110043	28	45	01.91-	112119	24	6.6						
		01.91-12.96	110076	28	55										
		01.91-	111527	28	55					PR					
		01.91-	112076	28	80					BO					
		01.91-	112757	28	55										
01.91-		112758	28	75											
01.91-	112758	28	75												



113 M/320 11.0	[DSC11.16]	05.88-12.96	110043	28	45		05.88-	112119	24	6.6
		05.88-12.96	110076	28	55	PR				
		05.88-08.89	111834	28	55	BO				
		05.88-12.89	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112076	28	80					
	08.89-	112757	28	55	BO					
	08.89-	112758	28	75						
	01.94-	111886	28	65						
	[DSC11.17]	01.90-12.96	110043	28	45		01.90-	112119	24	6.6
		01.90-12.96	110076	28	55					
		01.90-	111527	28	55	PR				
		01.90-	112076	28	80					
		01.90-	112757	28	55	BO				
	01.90-	112758	28	75						
[DSC11.21]	01.90-12.96	110043	28	45		01.90-	112119	24	6.6	
	01.90-12.96	110076	28	55						
	01.90-	111527	28	55	PR					
	01.90-	112076	28	80						
	01.90-	112757	28	55	BO					
	01.90-	112758	28	75						
113 M/360 11.0	[DSC11.13]	05.88-12.96	110043	28	45		05.88-	112119	24	6.6
		05.88-12.96	110076	28	55	PR				
		05.88-08.89	111834	28	55	BO				
		05.88-12.89	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112076	28	80					
	08.89-	112757	28	55	BO					
	08.89-	112758	28	75						
	01.94-	111886	28	65						
	[DSC11.18]	01.90-12.96	110043	28	45		01.90-	112119	24	6.6
		01.90-12.96	110076	28	55					
		01.90-	111527	28	55	PR				
		01.90-	112076	28	80					
		01.90-	112757	28	55	BO				
	01.90-	112758	28	75						
[DSC11.23]	01.90-12.96	110043	28	45		01.90-	112119	24	6.6	
	01.90-12.96	110076	28	55						
	01.90-	111527	28	55	PR					
	01.90-	112076	28	80						
	01.90-	112757	28	55	BO					
	01.90-	112758	28	75						
[DSC11.30]	01.90-12.96	110043	28	45		01.90-	112119	24	6.6	
	01.90-12.96	110076	28	55						
	01.90-	111527	28	55	PR					
	01.90-	112076	28	80						
	01.90-	112757	28	55	BO					
	01.90-	112758	28	75						
113 M/380 11.0	[DSC11.22]	01.91-12.96	110043	28	45		01.91-	112119	24	6.6
		01.91-12.96	110076	28	55					
		01.91-	111527	28	55	PR				
	[DSC11.70]	01.91-12.96	110043	28	45		01.91-	112119	24	6.6
		01.91-12.96	110076	28	55					
		01.91-	111527	28	55	PR				
01.91-	112757	28	55	BO						
113 M/400 11.0	[DTC11.01]	01.92-12.96	110043	28	45		01.92-	110211#	24	6.6
		01.92-12.96	110076	28	55					
		01.92-	111527	28	55	PR				
	[DTC11.02]	01.92-12.96	110076	28	55		01.92-	110212	24	6.6
		01.94-12.96	110043	28	45					
		01.94-	111527	28	55	PR				
01.94-	112757	28	55	BO						
114 C/340 10.6	[DC11.01]		111886	28	65					
	[DC11.03]		113514#	28	65					
		09.04	111886	28	65		110527	24	4.0	
114 C/340 11.0	[DC11.01]	03.96-	113514#	28	65		03.96-	112437	24	6.7
		03.96-	113514#	28	65					
		05.96-	111720	28	90					
	[DC11.03]	02.96-	111886	28	65		02.96-	112437	24	6.7
		02.96-	113514#	28	65					
		05.96-	111720	28	90					
[DSC11.79]	05.96-05.99	111886	28	65		05.96-	110527	24	4.0	
	05.96-05.99	113514#	28	65						
	05.96-	111886	28	65						
114 C/380 10.6	[DC11.02]	03.98-	111720	28	90		03.98-	112437	24	6.7
		03.98-	111886	28	65					
	[DC11.04]		113514#	28	65					
		09.04	111886	28	65					
114 G/340 10.6	[DC11.01]		111886	28	65		03.98-	110527	24	4.0
			113514#	28	65					
[DC11.03]	03.98-	113514#	28	65		03.98-	110527	24	4.0	
		111886	28	65						
114 G/340 11.0	[DC11.01]	05.96-	111720	28	90		05.96-	112437	24	6.7
		05.96-	111886	28	65					
		05.96-	113514#	28	65					
[DSC11.79]	05.96-	111720	28	90		05.96-	112437	24	6.7	
	05.96-	111886	28	65						
	05.96-	113514#	28	65						
114 G/380 10.6	[DC11.02]	03.98-	111720	28	90		03.98-	112437	24	6.7
			111886	28	65					
			113514#	28	65					
[DC11.04]		113514#	28	65						
114 L/340 10.6	[DC11.01]	05.96-	111720	28	90		05.96-	112437	24	6.7
		05.96-	113514#	28	65					
			111886	28	65					
	[DC11.02]	03.98-	111720	28	90		03.98-	112437	24	6.7
		03.98-	111886	28	65					
		03.98-	113514#	28	65					
[DC11.03]	05.96-	111720	28	90		05.96-	112437	24	6.7	
	05.96-	113514#	28	65						
		09.04	111886	28	65					
114 L/340 11.0	[DSC11.79]	05.96-	111886	28	65		05.96-	110527	24	4.0
		05.96-	113514#	28	65					
114 L/380 10.6	[DC11.02]	03.98-	111720	28	90		03.98-	112437	24	6.7
		03.98-	111886	28	65					
			113514#	28	65					
	[DC11.04]	02.96-09.04	111886	28	65					
		113514#	28	65						
114 L/530 14.2	[DSC14.13]	01.96-08.01	113514#	28	65					
124 /G420 11.7	[DSC12.05]		113514#	28	65		110527	24	4.0	
124 C/360 11.7	[DC12.02]	09.95-09.04	113514#	28	65					
	[DSC12.02]	09.96-	111720	28	90		09.96-	111910	24	6.7
			111886	28	65					
		09.04	113514#	28	65					
124 C/400 11.7	[DSC12.01]	09.96-	111720	28	90		09.96-	111910	24	6.7
		09.96-	111886	28	65					
		09.96-	113514#	28	65					



Application list

SCANIA Continued

124 C/420 11.7	[DC12.01]	09.95- 08.02	111886	28	65					
	[DSC12.05]	08.02	113514#	28	65					
124 C/470 11.7	[DT12.02]		111886	28	65					
	[DSC12.05]		113514#	28	65					
124 G/ 420 11.7	[DSC12.02]	05.96-	111720	28	90		05.96-	111910	24 6.7	
124 G/400 11.7	[DSC12.01]	05.96-	111886	28	65		05.96-	111910	24 6.7	
		05.96-	113514#	28	65					
		05.96-	111720	28	90					
124 G/420 11.7	[DC12.01]	09.95- 08.02	111886	28	65					
	[DSC12.05]		113514#	28	65					
124 G/470 11.7	[DT12.02]	09.00- 09.04	111886	28	65					
			113514#	28	65					
124 L/360 11.7	[DSC12.02]	09.96-	111720	28	90		09.96-	111910	24 6.7	
		09.96-	111886	28	65					
		09.96-	113514#	28	65					
124 L/400 11.7	[DSC12.01]	09.96-	111720	28	90		09.96-	111910	24 6.7	
		09.96-	111886	28	65					
		09.96-	113514#	28	65					
124 L/420 11.7	[DC12.01]		113514#	28	65					
	[DC12.03]		113514#	28	65					
	[DSC12.05]	09.97-	111720	28	90		09.97-	111910	24 6.7	
124 L/440 11.7	[DT12.08]	01.01-	111886	28	65		09.00- 09.04	111910	24 6.7	
		01.01-	113514#	28	65		09.00- 09.04	110212	24 6.6	
		01.01-	113514#	28	65		01.01-	110527	24 4.0	
124 L/470 11.7	[DT12.02]	09.00- 09.04	111886	28	65					
			113514#	28	65					
143 E/420 14.2	[DSC14.08]	01.91- 12.96	110043	28	45		01.91-	110212	24 6.6	
		01.91- 12.96	110076	28	55		01.91- 12.96	112119	24 6.6	
		01.91-	111527	28	55	PR	01.91-	110211#	24 6.6	
		01.91-	112076	28	80					
		01.91-	112757	28	55	BO				
		01.91-	112758	28	75					
		01.91-	111886	28	65					
143 E/450 14.2	[DSC14.03]	01.90- 12.96	110043	28	45		01.90-	110211#	24 6.6	
		01.90- 12.96	110076	28	55		01.90-	110212	24 6.6	
		01.90-	111527	28	55	PR				
		01.90-	112076	28	80					
		01.90-	112757	28	55	BO				
		01.90-	112758	28	75					
		01.90-	111886	28	65					
143 E/500 14.2	[DSC14.09]	01.91- 12.96	110043	28	45		01.91-	110211#	24 6.6	
		01.91- 12.96	110076	28	55		01.91-	110212	24 6.6	
		01.91-	111527	28	55	PR				
		01.91-	112076	28	80					
		01.91-	112757	28	55	BO				
		01.91-	112758	28	75					
		01.91-	111886	28	65					
143 E/500 14.2	[DSC14.16]	01.91- 12.96	110043	28	45		12.94-	110211#	24 6.6	
		01.91- 12.96	110076	28	55		12.94-	110212	24 6.6	
		12.94-	111527	28	55	PR				
		12.94-	111886	28	65					
		12.94-	112076	28	80					
		12.94-	112757	28	55	BO				
		12.94-	112758	28	75					
143 H/400 14.2	[DSC14.06]	05.88- 12.89	110043	28	45		05.88-	110212	24 6.6	
		05.88- 12.91	110076	28	55	PR	05.88-	110211#	24 6.6	
		05.88- 08.89	111834	28	55	BO				
		05.88- 12.89	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112076	28	80					
		08.89-	112757	28	55	BO				
		08.89-	112758	28	75					
143 H/420 14.2	[DSC14.08]	01.91- 12.96	110043	28	45		01.91- 12.93	110211#	24 6.6	
		01.91- 12.96	110076	28	55		01.91- 12.93	110212	24 6.6	
		01.91- 12.93	111527	28	55	PR				
		01.91- 12.93	112076	28	80					
		01.91- 12.93	112757	28	55	BO				
		01.91- 12.93	112758	28	75					
		01.91-	111886	28	65					
143 H/450 14.2	[DSC14.03]	05.88- 12.96	110043	28	45		05.88-	110211#	24 6.6	
		05.88- 12.96	110076	28	55	PR	05.88-	110212	24 6.6	
		05.88- 08.89	111834	28	55	BO				
		05.88- 12.89	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112076	28	80					
		08.89-	112757	28	55	BO				
		08.89-	112758	28	75					
	[DSC14.06]	05.88- 12.89	111834	28	55		05.88- 12.89	110527	24 4.0	
		05.88- 12.89	112182	28	80					
		05.88- 12.89	112757	28	55					
	[DSC14.10]	01.90- 12.96	110043	28	45		01.90-	110212	24 6.6	
		01.90- 12.96	110076	28	55		01.90-	110211#	24 6.6	
		01.90-	111527	28	55	PR				
		01.90-	112076	28	80					
01.90-		112757	28	55	BO					
01.90-		112758	28	75						
01.90-		111886	28	65						
143 H/470 14.2	[DSC14.04]	03.88- 05.91	110076	28	55	PR	03.88-	110212	24 6.6	
		03.88- 08.89	111834	28	55	BO	03.88-	110211#	24 6.6	
		03.88- 12.89	112182	28	80					
		08.89-	111527	28	55	PR				
		08.89-	112076	28	80					
		08.89-	112757	28	55	BO				
		08.89-	112758	28	75					
		[DSC14.09]	01.91- 12.96	110043	28	45		01.91-	110212	24 6.6
			01.91- 12.96	110076	28	55		01.91-	110211#	24 6.6
			01.91-	111527	28	55	PR			
			01.91-	112076	28	80				
01.91-	112757		28	55	BO					
01.91-	112758		28	75						
01.91-	111886		28	65						
[DSC14.16]	01.91- 12.96	110043	28	45		12.94-	110211#	24 6.6		
	01.91- 12.96	110076	28	55		12.94-	110212	24 6.6		
	12.94-	111527	28	55	PR					
	12.94-	111886	28	65						
	12.94-	112076	28	80						
	12.94-	112757	28	55	PR, BO					
	12.94-	112758	28	75						



143 M/420 14.2	[DSC14.08]	01.91- 12.96	110043	28	45		01.91-	110211#	24	6.6	
		01.91- 12.96	110076	28	55		01.91-	110212	24	6.6	
		01.91-	111527	28	55	PR					
		01.91-	112076	28	80						
		01.91-	112757	28	55	BO					
		01.91- 01.94-	112758	28	75						
			111886	28	65						
143 M/450 14.2	[DSC14.03]	05.88- 12.96	110043	28	45		05.88-	110211#	24	6.6	
		05.88- 12.96	110076	28	55	PR					
		05.88-	111527	28	55	PR					
		05.88- 08.89	111834	28	55	BO					
		05.88-	112076	28	80						
		05.88- 12.89	112182	28	80						
	[DSC14.10]	05.88-	112757	28	55	BO					
		05.88-	112758	28	75						
		01.90- 12.96	110043	28	45		01.90-	110211#	24	6.6	
		01.90- 12.96	110076	28	55		01.90-	110212	24	6.6	
		01.90-	111527	28	55	PR					
		01.90-	112076	28	80						
143 M/470 14.2	[DSC14.04]	03.88- 05.91	110076	28	55	PR	03.88-	110211#	24	6.6	
		03.88- 08.89	111834	28	55	BO	03.88-	110212	24	6.6	
		03.88- 12.89	112182	28	80						
		08.89-	111527	28	55	PR					
		08.89-	112076	28	80						
		08.89-	112757	28	55	BO					
	[DSC14.09]	08.89-	112758	28	75						
		01.91- 12.96	110043	28	45		01.91-	110211#	24	6.6	
		01.91- 12.96	110076	28	55		01.91-	110212	24	6.6	
		01.91-	111527	28	55	PR					
		01.91-	111886	28	65						
		01.91-	112076	28	80	BO					
[DSC14.16]	01.91- 12.96	110043	28	45		12.94-	110211#	24	6.6		
	01.91- 12.96	110076	28	55		12.94-	110212	24	6.6		
	12.94-	111527	28	55	PR						
	12.94-	111886	28	65							
	12.94-	112076	28	80							
	12.94-	112757	28	55	BO						
	12.94-	112758	28	75							
	12.94-	111886	28	65							
144 C/460 14.2	[DSC14.15]	09.96-	111720	28	90		09.96-	112224	24	6.7	
		09.96-	111886	28	65						
		09.96-	113514#	28	65						
144 C/530 14.2	[DSC14.13]	09.96-	111720	28	90		09.96-	112224	24	6.7	
		09.96-	111886	28	65						
		09.96-	113514#	28	65						
144 G/460 14.2	[DSC14.15]	04.96-	111720	28	90		04.96-	112224	24	6.7	
		04.96-	111886	28	65						
		04.96-	113514#	28	65						
144 G/530 14.2	[DSC14.13]	04.96-	111720	28	90		04.96-	112224	24	6.7	
		04.96-	111886	28	65						
		04.96-	113514#	28	65						
144 L/460 14.2	[DSC14.15]	11.95-	111720	28	90		11.95-	112224	24	6.7	
		11.95-	111886	28	65						
		11.95-	113514#	28	65						
144 L/530 14.2	[DSC14.13]	11.95-	111720	28	90		11.95-	112224	24	6.7	
		11.95-	111886	28	65						
		11.95-	113514#	28	65						
164 C/480 15.6	[DC16.02]					05.00-	111910	24	6.7		
164 C/580 15.6	[DC16.01]					05.00-	111910	24	6.7		
164 G/480 15.6	[DC16.02]		05.04	111886	28	65	05.00-	111910	24	6.7	
164 G/580 15.6	[DC16.01]	04.00- 05.04	113514#	28	65		05.00-	111910	24	6.7	
164 L/480 15.6	[DC16.02]	04.00- 05.04	111886	28	65		05.00-	111910	24	6.7	
164 L/580 15.6	[DC16.01]	04.00- 05.04	113514#	28	65		05.00-	111910	24	6.7	
82 H/210 7.8	[DS8.05]	01.81- 08.89	110043	28	45	BO	01.81- 03.88	110527	24	4.0	
		01.81- 08.89	110076	28	55	PR					
		01.81- 08.89	111834	28	55	BO					
		01.81- 12.86	112182	28	80						
82 M/190 7.8	[DS8.06]	10.82- 03.88	110043	28	45	BO	10.82- 03.88	110527	24	4.0	
		10.82- 03.88	110076	28	55	PR					
		10.82- 03.88	111834	28	55	BO					
		10.82- 03.88	112182	28	80						
82 M/210 7.8	[DS8.05]	01.81- 08.89	110043	28	45	BO	01.81- 03.88	110527	24	4.0	
		01.81- 08.89	110076	28	55	PR					
		01.81- 08.89	111834	28	55	BO					
		01.81- 12.86	112182	28	80						
92 H/245 8.5	[DS9.01]	01.87- 03.88	110043	28	45	BO	01.87- 03.88	110527	24	4.0	
		01.87- 03.88	110076	28	55	PR					
		01.87- 03.88	111834	28	55	BO					
		01.87- 12.88	112182	28	80						
92 H/275 8.5	[DSC9.01]	01.87- 03.88	110043	28	45	BO	01.87- 03.88	110527	24	4.0	
		01.87- 03.88	110076	28	55	PR					
		01.87- 03.88	111834	28	55	BO					
		01.87- 12.88	112182	28	80						
92 M/245 8.5	[DS9.01]	01.85- 03.88	110043	28	45	BO	01.85- 03.88	110527	24	4.0	
		01.85- 03.88	110076	28	55	PR					
		01.85- 03.88	111834	28	55	BO					
		01.85- 12.88	112182	28	80						
92 M/275 8.5	[DS9.01]	01.85- 03.88	110043	28	45	BO	01.85- 03.88	110527	24	4.0	
		01.85- 03.88	110076	28	55	PR					
		01.85- 03.88	111834	28	55	BO					
	[DSC9.01]	01.85- 12.86	112182	28	80						
		01.85- 03.88	110043	28	45	BO	01.85- 03.88	110527	24	4.0	
		01.85- 03.88	110076	28	55	PR					
93 H/220 8.5	[DSC9.10]	01.85- 03.88	111834	28	55	PR, BO					
		01.85- 12.88	112182	28	80						
		12.91- 12.96	110043	28	45		12.91-	110527	24	4.0	
		12.91- 12.96	110076	28	55						
		12.91-	111527	28	55	PR					
		12.91-	112076	28	80						
93 H/250 8.5	[DS9.05]	12.91-	112757	28	55	BO					
		12.91-	112758	28	75						
		12.91-	111886	28	65						
		03.88- 12.96	110043	28	45	BO	03.88-	110527	24	4.0	
		03.88- 12.96	110076	28	55	PR					
		03.88- 08.89	111834	28	55	BO					
	[DSC9.07]	03.88- 12.89	112182	28	80						
		08.89-	111527	28	55	PR					
		08.89-	112076	28	80						
		08.89-	112757	28	55	BO					
		08.89-	112758	28	75						
		01.90- 12.09	110043	28	45		12.91-	110527	24	4.0	
01.90- 12.96	110076	28	55								
12.91-	111527	28	55	PR							
12.91-	112076	28	80								
12.91-	112757	28	55	BO							
12.91-	112758	28	75								
01.94-	111886	28	65								

Application list





SCANIA Continued

Application list

93 H/280 8.5	[DSC9.02]	12.91-12.96 12.91-12.96	110043 110076	28 28	45 55	12.91-	110527	24	4.0
		12.91-12.91 12.91-12.91 12.91-01.94	111527 112076 112757 112758 111886	28 28 28 28 28	55 80 55 75 65				
	[DSC9.08]	12.91-12.96 12.91-12.96	110043 110076	28 28	45 55	12.91-	110527	24	4.0
		12.91-12.91 12.91-12.91 12.91-01.94	111527 112076 112757 112758 111886	28 28 28 28 28	55 80 55 75 65				
93 M/210 8.5	[DS9.08]	03.88-12.91 03.88-08.89	110043 110076	28 28	45 55	03.88-	110527	24	4.0
		03.88-08.89 03.88-12.91	111834 112182	28 28	55 80				
		08.89-08.89 08.89-08.89	111527 112076	28 28	55 80				
		08.89-08.89	112757 112758	28 28	55 75				
93 M/220 8.5	[DSC9.10]	12.91-12.96 12.91-12.96	110043 110076	28 28	45 55	12.91-	110527	24	4.0
		12.91-12.91 12.91-12.91 12.91-01.94	111527 112076 112757 112758 111886	28 28 28 28 28	55 80 55 75 65				
93 M/230 8.5	[DS9.06]	03.88-12.91 03.88-08.89	110043 110076	28 28	45 55	03.88-	110527	24	4.0
		03.88-12.89 03.88-12.89	111834 112182	28 28	55 80				
		08.89-08.89 08.89-08.89	111527 112076	28 28	55 80				
		08.89-08.89	112757 112758	28 28	55 75				
93 M/250 8.5	[DS9.05]	03.88-12.96 03.88-12.96	110043 110076	28 28	45 55	03.88-	110527	24	4.0
		03.88-08.89 03.88-12.89	111834 112182	28 28	55 80				
		08.89-08.89 08.89-08.89	111527 112076	28 28	55 80				
		08.89-08.89	112757 112758	28 28	55 75				
	[DSC9.07]	01.90-12.96 01.90-12.96	110043 110076	28 28	45 55	01.90-	110527	24	4.0
		01.90-01.90 01.90-01.90 01.90-01.94	111527 112076 112757 112758 111886	28 28 28 28 28	55 80 55 75 65				
93 M/280 8.5	[DSC9.02]	03.88-12.96 03.88-12.96	110043 110076	28 28	45 55	03.88-	110527	24	4.0
		03.88-08.89 03.88-12.89	111834 112182	28 28	55 80				
		08.89-08.89 08.89-08.89	111527 112076	28 28	55 80				
		08.89-08.89	112757 112758	28 28	55 75				
	[DSC9.08]	01.90-12.09 01.90-12.96	110043 110076	28 28	45 55	01.90-	110527	24	4.0
		01.90-01.90 01.90-01.90 01.90-01.94	111527 112076 112757 112758 111886	28 28 28 28 28	55 80 55 75 65				
94 /G260 9.0	[DSC9.12]		111886	28	65				
94 C/260 9.0	[DSC9.12]	12.96-12.96	111720	28	90	12.96-	110527	24	4.0
94 C/310 9.0	[DSC9.13]	08.96-08.96	111720	28	90	08.96-	110527	24	4.0
	[DSC9.15]	08.96-08.96	111886	28	65	08.96-	110527	24	4.0
94 D/220 9.0	[DSC9.11]	08.96-08.96	111720	28	90	08.96-	110527	24	4.0
		08.02-08.02	111886	28	65	08.96-	110527	24	4.0
94 D/230 9.0	[DC9.01]	04.99-09.04	111886	28	65	04.99-09.04	110527	24	4.0
	[DC9.04]					08.99-	110527	24	4.0
94 D/260 9.0	[DSC9.12]	08.96-08.96	111720	28	90	08.96-	110527	24	4.0
94 D/310 9.0	[DSC9.13]	12.96-08.02	111720	28	90	12.96-	110527	24	4.0
	[DSC9.15]	12.96-12.96	111886	28	65	12.96-	110527	24	4.0
94 G/220 9.0	[DSC9.11]	08.96-08.96	111720	28	90	08.96-	110527	24	4.0
94 G/260 9.0	[DSC9.12]	08.96-08.96	111720	28	90	08.96-	110527	24	4.0
94 G/310 9.0	[DSC9.13]	08.96-08.02	111720	28	90	08.96-	110527	24	4.0
	[DSC9.15]	08.96-08.96	111886	28	65	08.96-	110527	24	4.0
94 L/310 9.0	[DSC9.13]	08.96-08.96	111720	28	90	08.96-	110527	24	4.0
	[DSC9.15]	08.96-08.02	111886	28	65	08.96-	110527	24	4.0
BK112 11.0	[DN11...]	05.82-11.99 01.89-09.90	112182 111834	28 28	80 55	05.82-	112119	24	6.6
BR112 11.0	[DSC11...]	05.82-11.90	112182	28	80	05.82-	110214	24	6.6
	[DS]	09.78-12.90	112182	28	80	09.79-09.79	112119 110214	24 24	6.6 6.6
CR112 11.0	[DS]	09.78-12.92	112182	28	80				
F112 11.0	[DN11...]	01.80-06.89 10.81-01.95	110043 112182	28 28	45 80	10.81-	112119	24	6.6
	[DS]	10.81-01.95	112182	28	80				
K 113 11.0	[DS11.34]	11.90-08.98	112757	28	55	10.81-11.90-08.98	110214	24	6.6
	[DS11.73]	11.90-	112757	28	55	11.90-08.98	112119	24	6.6
	[DSC11.08]	11.90-08.98	112757	28	55	07.90-08.98	110527	24	4.0
						11.90-08.98	110527	24	4.0
K 113 CLB 11.0	[DSC11.22]	07.90-08.98 07.90-08.98	111889 112757	28 28	55 55	07.90-12.96 07.90-12.96	110527 112119	24 24	4.0 6.6
	[DSC11.81]	01.91-12.97 01.91-12.97	111889 112757	28 28	55 55	05.82-08.98 05.82-08.98	110527 112119	24 24	4.0 6.6
K 93 CL 8.5	[DSC9.08]	01.91-12.96 01.91-12.01	110076 111834	28 28	55 55	01.91-12.01	112119	24	6.6
		01.91-12.01 01.91-12.96 01.91-12.01	111889 112076 112182 112757	28 28 28 28	80 80 80 55	01.91-12.01	110527	24	4.0



K112 11.0	[DN11..]	05.82-06.90	112182	28	80	05.83-	112119	24	6.6	
		01.89-09.90	111834	28	55					
	[DS11.15]	04.82-06.90	112182	28	80	04.82-	112119	24	6.6	
K114 10.6	[DSC11..]	06.82-06.90	112182	28	80	06.82-	110214	24	6.6	
	[DC..]	08.97-	112424	28	140					
		08.97-	114028	28	80					
K124 12.0	[DC12..]	08.97-	112424	28	140	08.97-	111910	24	6.7	
	[DSC..]	09.97-	112424	28	140	09.97-	111910	24	6.7	
K82 7.8	[DSI..]	03.84-12.95	112182	28	80		110527	24	4.0	
L 113 CLB 11.0	[DS11.34]	01.90-08.98	111889			01.90-12.96	112119	24	6.6	
		01.90-08.98	112757	28	55	01.90-12.96	110527	24	4.0	
	[DSC11.08]	01.90-08.98	111889			01.90-12.96	112119	24	6.6	
		01.90-08.98	112757	28	55	01.90-12.96	110527	24	4.0	
	[DSC11.24]	11.93-08.98	111889			11.93-12.96	110527	24	4.0	
		11.93-08.98	112757	28	55	11.93-12.96	112119	24	6.6	
L94 9.0	[DC..]	04.99-	112424	28	140					
P 440 12.7	(P/G/R/T Series)[DC13.10]	04.10-	114028	28	80	04.10-	113891	24	5.5	
R 142 E 14.2	[DS14.06]	05.80-03.88	110043	28	45	05.80-03.88	110212	24	6.6	
R 142 H 14.2		05.80-03.88	110043	28	45	05.80-03.88	110212	24	6.6	
	[DSC14.01]	05.80-03.88	110043	28	45	05.80-03.88	110212	24	6.6	
	[DSC14.02]	05.80-03.88	110043	28	45	05.80-03.88	110212	24	6.6	
R 142 M 14.2	[DS14.06]	05.80-03.88	110043	28	45	05.80-03.88	110212	24	6.6	
R 360 12.7	(P/G/R/T Series)[DC13.06]	04.10-	114028	28	80	04.10-	113891	24	5.5	
R 380 10.6	(P/G/R/T Series)[DC11.09]	03.04-	114028	28	80					
R 380 11.7	(P/G/R/T Series)[DC12.18]	04.10-	114028	28	80	04.10-	113891	24	5.5	
R 400 12.7	(P/G/R/T Series)[DC13.05]	03.08-	114028	28	80	03.08-	113891	24	5.5	
R 440 12.7	(P/G/R/T Series)[DC13.10]	04.10-	114028	28	80	04.10-	113891	24	5.5	
R 480 12.7	(P/G/R/T Series)[DC13.07]		114028	28	80	04.10-	113891	24	5.5	
S112 11.0	[DN11..]	01.80-06.89	110043	28	45					
		10.81-10.91	112182	28	80					
	[DS]	10.81-10.91	112182	28	80					
T 113 E/320 11.0	[DSC11.16]	01.90-	111527	28	55	01.90-	112119	24	6.6	
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
		01.94-	111886	28	65					
	[DSC11.17]	01.90-	111527	28	55	01.90-	112119	24	6.6	
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
	[DSC11.21]	01.90-	111527	28	55	01.90-	112119	24	6.6	
		01.90-	112076	28	80					
		01.90-	112757	28	55					
	01.90-	112758	28	75						
T 113 E/360 11.0	[DSC11.13]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6	
		01.90-	111527	28	55					
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
		01.94-	111886	28	65					
	[DSC11.18]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6	
		01.90-	111527	28	55					
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
	[DSC11.23]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6	
	01.90-	111527	28	55						
	01.90-	112076	28	80						
	01.90-	112757	28	55						
	01.90-	112758	28	75						
T 113 H/320 11.0	[DSC11.16]	01.90-	111527	28	55	01.90-	112119	24	6.6	
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
		01.94-	111886	28	65					
	[DSC11.17]	01.90-	111527	28	55	01.90-	112119	24	6.6	
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
	[DSC11.21]	01.90-	111527	28	55	01.90-	112119	24	6.6	
		01.90-	112076	28	80					
		01.90-	112757	28	55					
	01.90-	112758	28	75						
T 113 H/360 11.0	[DSC11.13]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6	
		01.90-	111527	28	55					
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
		01.94-	111886	28	65					
	[DSC11.18]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6	
		01.90-	111527	28	55					
		01.90-	112076	28	80					
		01.90-	112757	28	55					
		01.90-	112758	28	75					
	[DSC11.23]	01.90-12.96	110043	28	45	01.90-	112119	24	6.6	
	01.90-	111527	28	55						
	01.90-	112076	28	80						
	01.90-	112757	28	55						
	01.90-	112758	28	75						
T 114 C/340 10.6	[DC11.01]	03.96-02.02	111886	28	65	03.96-02.02	111910	24	6.7	
		02.02	113514#	28	65	03.96-02.02	110527	24	4.0	
						03.96-02.02	110212	24	6.6	
						03.96-02.02	112224	24	6.7	
	[DC11.03]	02.96-	111886	28	65	02.96-	110527	24	4.0	
		02.96-	113514#	28	65	02.96-	111910	24	6.7	
						02.96-	110212	24	6.6	
						02.96-	112224	24	6.7	
	T 114 C/380 10.6	[DC11.02]	03.96-02.02	111886	28	65	03.96-02.02	110527	24	4.0
			02.02	113514#	28	65	03.96-02.02	111910	24	6.7
						03.96-02.02	110212	24	6.6	
						03.96-02.02	112224	24	6.7	
T 114 G/340 10.6	[DC11.01]	03.96-02.02	113514#	28	65	03.96-02.02	111910	24	6.7	
		02.02	111886	28	65	03.96-02.02	110527	24	4.0	
					03.96-02.02	110212	24	6.6		
					03.96-02.02	112224	24	6.7		
	[DC11.03]	02.96-	111886	28	65	02.96-	110527	24	4.0	
		02.96-	113514#	28	65	02.96-	111910	24	6.7	
					02.96-	110212	24	6.6		
					02.96-	112224	24	6.7		
T 114 G/340 11.0	[DSC11.79]	05.96-	111720	28	90	05.96-	112437	24	6.7	
		05.96-	111886	28	65					
		05.96-	113514#	28	65					
T 114 G/380 10.6	[DC11.02]	03.96-02.02	113514#	28	65	03.96-02.02	110527	24	4.0	
		02.02	111886	28	65	03.96-02.02	111910	24	6.7	
						03.96-02.02	110212	24	6.6	
					03.96-02.02	112224	24	6.7		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

SCANIA Continued

T 114 L/340 10.6	[DC11.01]	03.98- 02.02	113514#	28	65	02.96-	111910	24	6.7
		02.02	111886	28	65	02.96-	110527	24	4.0
						02.96-	110212	24	6.6
						02.96-	112224	24	6.7
	[DC11.03]	03.96- 02.02	111886	28	65	02.96-	110527	24	4.0
		03.98-	113514#	28	65	02.96-	111910	24	6.7
						02.96-	110212	24	6.6
						02.96-	112224	24	6.7
T 114 L/340 11.0	[DSC11.79]	05.96-	111720	28	90	05.96-	112437	24	6.7
		05.96-	111886	28	65				
		05.96-	113514#	28	65				
T 114 L/380 10.6	[DC11.02]	03.96- 02.02	113514#	28	65	03.96- 02.02	111910	24	6.7
		03.98- 02.02	111886	28	65	03.96- 02.02	110527	24	4.0
						03.96- 02.02	110212	24	6.6
						03.96- 02.02	112224	24	6.7
T 124 C/360 11.7	[DSC12.02]	02.96- 09.04	113514#	28	65				
		09.95- 02.02	111886	28	65	09.95- 02.02	110527	24	4.0
		09.95- 02.02	113514#	28	65	09.95- 02.02	111910	24	6.7
						09.95- 02.02	110212	24	6.6
T 124 C/400 11.7	[DSC12.01]	03.95- 01.00	111886	28	65	03.95- 01.00	110527	24	4.0
		03.95- 01.00	113514#	28	65	03.95- 01.00	111910	24	6.7
						03.95- 01.00	110212	24	6.6
T 124 C/420 11.7	[DC12.01]	09.95- 08.02	111886	28	65	09.95- 08.02	111910	24	6.7
		09.95- 08.02	113514#	28	65	09.95- 08.02	110527	24	4.0
						09.95- 08.02	110212	24	6.6
	[DSC12.05]	09.95- 08.02	111886	28	65	09.95- 02.02	111910	24	6.7
		08.02	113514#	28	65	09.95- 02.02	110527	24	4.0
						09.95- 02.02	110212	24	6.6
T 124 G/360 11.7	[DSC12.02]	03.97-	111720	28	90	03.97-	111910	24	6.7
		03.97-	111886	28	65				
		03.97-	113514#	28	65				
T 124 G/400 11.7	[DSC12.01]	03.97-	111720	28	90	03.97-	111910	24	6.7
		03.97-	111886	28	65				
		03.97-	113514#	28	65				
T 124 G/420 11.7	[DC12.01]	09.95- 08.02	111886	28	65	09.95- 08.02	110527	24	4.0
		09.95- 08.02	113514#	28	65	09.95- 08.02	111910	24	6.7
						09.95- 08.02	110212	24	6.6
	[DSC12.05]	09.95- 02.02	113514#	28	65	09.95- 02.02	111910	24	6.7
		02.02	111886	28	65	09.95- 02.02	110527	24	4.0
						09.95- 02.02	110212	24	6.6
T 124 L/360 11.7	[DSC12.02]	09.95- 02.02	111886	28	65	05.95- 02.02	111910	24	6.7
		09.95- 02.02	113514#	28	65	05.95- 02.02	110212	24	6.6
		02.97-	111720	28	90	05.95- 02.02	110527	24	4.0
T 124 L/400 11.7	[DSC12.01]	05.96- 01.02	111886	28	65	03.95- 01.02	111910	24	6.7
		05.96- 01.02	113514#	28	65	03.95- 01.02	110212	24	6.6
		02.97-	111720	28	90	03.95- 01.02	110527	24	4.0
T 124 L/420 11.7	[DC12.01]	05.96- 08.02	111886	28	65	09.95- 08.02	111910	24	6.7
		05.96- 08.02	113514#	28	65	09.95- 08.02	110527	24	4.0
						09.95- 08.02	110212	24	6.6
	[DSC12.05]	05.96- 08.02	111886	28	65	09.95- 08.02	111910	24	6.7
		05.96- 08.02	113514#	28	65	09.95- 08.02	110527	24	4.0
						09.95- 08.02	110212	24	6.6
T 124 L/470 11.7	[DT12.02]	09.00-	113514#	28	65	09.00-	111910	24	6.7
			111886	28	65	09.00-	110527	24	4.0
						09.00-	110212	24	6.6
T 142 E 14.2	[DS14.06]	05.80- 03.88	110043	28	45	05.80- 03.88	110212	24	6.6
		05.80- 03.88	111834	28	55				
		05.80- 03.88	112182	28	80				
T 143 E/450 14.2	[DSC14.03]	01.90- 12.96	110043	28	45	01.90-	110212	24	6.6
		01.90- 12.96	110076	28	55	01.90-	110211#	24	6.6
		01.90-	111527	28	55				
		01.90-	112076	28	80				
		01.90-	112757	28	55				
		01.90-	112758	28	75				
		01.94-	111886	28	65				
	[DSC14.10]	01.90- 12.96	110043	28	45	01.90-	110211#	24	6.6
		01.90- 12.96	110076	28	55	01.90-	110212	24	6.6
		01.90-	111527	28	55				
		01.90-	112076	28	80				
		01.90-	112757	28	55				
01.90-		112758	28	75					
	01.94-	111886	28	65					
T 143 E/500 14.2	[DSC14.09]	01.91- 12.96	110043	28	45	01.91-	110211#	24	6.6
		01.91- 12.96	110076	28	55	01.91-	110212	24	6.6
		01.91-	111527	28	55				
		01.91-	112076	28	80				
		01.91-	112757	28	55				
		01.91-	112758	28	75				
	01.94-	111886	28	65					
	[DSC14.16]	01.91- 12.96	110043	28	45	12.94-	110211#	24	6.6
		01.91- 12.96	110076	28	55	12.94-	110212	24	6.6
		12.94-	111527	28	55				
		12.94-	111886	28	65				
		12.94-	112076	28	80				
		12.94-	112757	28	55				
	12.94-	112758	28	75					
T 143 H/420 14.2	[DSC14.08]	01.91- 12.96	110043	28	45	01.91-	110211#	24	6.6
		01.91- 12.96	110076	28	55	01.91-	110212	24	6.6
		01.91-	111527	28	55				
		01.91-	112076	28	80				
		01.91-	112757	28	55				
		01.91-	112758	28	75				
	01.94-	111886	28	65					
T 143 H/450 14.2	[DSC14.03]	01.90- 12.96	110043	28	45	01.90-	110211#	24	6.6
		01.90- 12.96	110076	28	55	01.90-	110212	24	6.6
		01.90-	111527	28	55				
		01.90-	112076	28	80				
		01.90-	112757	28	55				
		01.90-	112758	28	75				
	01.94-	111886	28	65					
	[DSC14.10]	01.90- 12.96	110043	28	45	01.90-	110211#	24	6.6
		01.90- 12.96	110076	28	55	01.90-	110212	24	6.6
		01.90-	111527	28	55				
		01.90-	112076	28	80				
		01.90-	112757	28	55				
		01.90-	112758	28	75				
	01.94-	111886	28	65					
T 143 H/500 14.2	[DSC14.09]	01.91- 12.96	110043	28	45	01.91-	110212	24	6.6
		01.91- 12.96	110076	28	55	01.91-	110211#	24	6.6
		01.91-	111527	28	55				
		01.91-	112076	28	80				
		01.91-	112757	28	55				
		01.91-	112758	28	75				
	01.94-	111886	28	65					
	[DSC14.16]	01.91- 12.96	110043	28	45	12.94-	110212	24	6.6
		01.91- 12.96	110076	28	55	12.94-	110211#	24	6.6
		12.94-	111527	28	55				
		12.94-	111886	28	65				
		12.94-	112076	28	80				
		12.94-	112757	28	55				
	12.94-	112758	28	75					
T 144 C/460 14.2	[DSC14.15]	02.97- 08.01	111886	28	65	02.97- 08.01	110212	24	6.6
		02.97- 08.01	113514#	28	65	02.97- 08.01	110527	24	4.0
						02.97- 08.01	112224	24	6.7



T 144 C/530 14.2	[DSC14.13]	02.97- 08.01 02.97- 08.01	111886 113514#	28 28	65 65		02.97- 08.01 02.97- 08.01 02.97- 08.01	112224 110527 110212	24 24 24	6.7 4.0 6.6
T 144 G/460 14.2	[DSC14.15]	03.97- 03.97- 03.97-	111720 111886 113514#	28 28 28	90 65 65		03.97-	112224	24	6.7
T 144 G/530 14.2	[DSC14.13]	03.97- 03.97- 03.97-	111720 111886 113514#	28 28 28	90 65 65		03.97-	112224	24	6.7
T 144 L/460 14.2	[DSC14.15]	02.97- 08.01 02.97- 08.01 03.97-	111886 113514# 111720	28 28 28	65 65 90		02.97- 08.01 02.97- 08.01 02.97- 08.01	110527 112224 110212	24 24 24	4.0 6.7 6.6
T 144 L/530 14.2	[DSC14.13]	02.97- 08.01 02.97- 08.01 03.97-	111886 113514# 111720	28 28 28	65 65 90		02.97- 08.01 02.97- 08.01 02.97- 08.01	110212 110527 112224	24 24 24	6.6 4.0 6.7
T 93 H/250 8.5	[DS9.05]	01.90- 12.96 01.90- 12.96 01.90- 01.90- 01.90- 01.90-	110043 110076 111527 112076 112757 112758	28 28 28 28 28 28	45 55 55 80 55 75	PR BO	01.90-	110527	24	4.0
	[DSC9.07]	01.90- 12.96 01.90- 12.96 12.91- 12.91- 12.91- 12.91- 01.94-	110043 110076 111527 112076 112757 112758 111886	28 28 28 28 28 28 28	45 55 55 80 55 75 65	PR BO	12.91-	110527	24	4.0
T 93 H/280 8.5	[DSC9.02]	12.91- 12.96 12.91- 12.96 12.91- 12.91- 12.91- 12.91- 01.94-	110043 110076 111527 112076 112757 112758 111886	28 28 28 28 28 28 28	45 55 55 80 55 75 65	PR BO	12.91-	110527	24	4.0
	[DSC9.08]	12.91- 12.96 12.91- 12.96 12.91- 12.91- 12.91- 12.91- 01.94-	110043 110076 111527 112076 112757 112758 111886	28 28 28 28 28 28 28	45 55 55 80 55 75 65	PR BO	12.91-	110527	24	4.0
T 94 C/260 9.0	[DSC9.12]	08.96- 10.01	111886	28	65		08.96- 10.01 08.96- 10.01 08.96- 10.01	110527 110212 112224	24 24 24	4.0 6.6 6.7
T 94 C/310 9.0	[DSC9.13]	08.96- 08.02	111886	28	65		08.96- 08.02 08.96- 08.02 08.96- 08.02	110527 110212 112224	24 24 24	4.0 6.6 6.7
T 94 G/220 9.0	[DSC9.11]	08.96- 08.02	111886	28	65		08.96- 08.02 08.96- 08.02 08.96- 08.02	110527 110212 112224	24 24 24	4.0 6.6 6.7
T 94 G/230 9.0	[DC9.01]	04.99-	111886	28	65		04.99- 04.99- 04.99-	110527 110212 112224	24 24 24	4.0 6.6 6.7
T 94 G/260 9.0	[DSC9.12]	08.96- 10.01	111886	28	65		08.96- 10.01 08.96- 10.01 08.96- 10.01	110527 110212 112224	24 24 24	4.0 6.6 6.7
T 94 G/310 9.0	[DSC9.13]	08.96- 08.02	111886	28	65		08.96- 08.02 08.96- 08.02 08.96- 08.02	110527 110212 112224	24 24 24	4.0 6.6 6.7
	[DSC9.15]	08.96- 10.00	111886	28	65		08.96- 10.00 08.96- 10.00 08.96- 10.00	110527 110212 112224	24 24 24	4.0 6.6 6.7
T 94 L/310 9.0	[DSC9.13]	09.96- 08.02	111886	28	65		09.96- 08.02 09.96- 08.02 09.96- 08.02	110527 110212 112224	24 24 24	4.0 6.6 6.7
	[DSC9.15]	09.96- 08.02	111886	28	65		09.96- 08.02 09.96- 08.02 09.96- 08.02	110527 110212 112224	24 24 24	4.0 6.6 6.7
<b>MARINE</b>										
WD615									114327	24 5.5
<b>Scion</b>										
<b>PASSENGER CARS US</b>										
TC 2.4	[2AZ-FE]						01.05- 01.06	113810	12	1.6
XA 1.5	[1NZ-FE]						AT 01.04-	114239	12	1.6
<b>Sea Doo</b>										
<b>MARINE</b>										
Various Models							01.95- 01.99	111918	12	0.6
							01.92-	111765	12	0.9
							01.98-	112010	12	
							01.95-	111915	12	0.6
<b>Seat</b>										
<b>PASSENGER CARS EU</b>										
124 1.2							01.68- 12.76	110826	12	0.8
124 1.2 LS	[FA]						01.68- 10.80	110826	12	0.8
							01.70- 12.76	110826	12	0.8
124 1.4							01.70- 12.76	110826	12	0.8
127 0.9		08.80- 09.81	111078	14	45					
		05.72- 09.77	110611	14	44					
132 1.8		01.75- 05.79	111138	14	45					
132 2.2 Diesel	[OM615.912]						09.74- 05.82	110368	12	2.3
Alhambra 1.8 Turbo 20V	[AJH]	Chas. -X 055000					09.74- 05.82	110368	12	2.3
		Chas. -X 025001 09.98- 02.00	112002	14	120		AT, Chas. -X005000 10.97- 05.98	111748	12	1.1
		Chas. -X 025001 09.98- 02.00	112079	14	90		AT, Chas. X005001- 06.98-	111909	12	1.1
		Chas. -X 025000 10.97- 09.98	112543#	14	90		Chas. -X005000 10.97- 05.98	111749	12	1.1
		Chas. -X 025000 10.97- 09.98	112543#	14	90		Chas. X005001- 06.98-	112005	12	1.1
	[AWC]						06.00-	114174	12	1.1
Alhambra 1.9 TDI	[AUY]	06.00-	112002	14	120		06.00-	112429	12	2.0
	[ARL]	05.05-	113992	14	140		05.05-	112429	12	2.0
	[1Z]	03.96- 07.96	111477	14	90		03.96- 07.96	111900	12	1.8
		03.96- 07.96	111988	14	120					
	[AFN]	05.97- 02.99	111828	14	120		05.97- 02.00	112286	12	1.7
		05.97- 02.99	111884	14	90		05.97-	111694	12	1.8
		03.99- 02.00	112002	14	120		05.97- 01.98	111900	12	1.8
		03.99- 02.00	112079	14	90					
	[AHU]	04.96-	111477	14	90		07.96-	111900	12	1.8
		04.96-	111988	14	120					
	[ANU]	06.00-	112002	14	120		06.00-	112429	12	2.0
		06.00-	112079	14	90					
	[ASZ]	11.02-	112002	14	120		11.02-	112429	12	2.0
		11.02-	112079	14	90					
	[AUY]	06.00-	112079	14	90					
	[BTB]	05.05-	113992	14	140					
	[BVK]	11.05-	113992	14	140					
Alhambra 1.9 TDI 4 Motion	[AUY]	02.01-	112002	14	120		02.01-	112429	12	2.0
	[AUY]	02.01-	112079	14	90					
Alhambra 2.0 i	[ADY]	03.96-	112408#	14	90		04.96-	111749	12	1.1
		04.96- 02.00	111479	14	90		AT 04.96-	111748	12	1.1
		04.96- 02.00	111733#	14	120					
		AC 04.96- 02.00	111477	14	90					
	[ATM]	06.00-	112002	14	120		04.96-	114174	12	1.1
							AT 06.00-	111909	12	1.1
Alhambra 2.0 TDI	[BRT]	11.05-	113992	14	140					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

SEAT Continued

Alhambra 2.8 V6	[AYL]	06.00-	112002	14	120			06.00-	112429	12	2.0
	[AYL]	06.00-	113884	14	150						
	[AYL]	06.00-	113885	14	150						
Alhambra 2.8 V6 4 Motion	[AYL]	02.01-	113884	14	150			06.00-	112429	12	2.0
	[AYL]	06.00-	112002	14	120						
	[AYL]	06.00-	113885	14	150						
Altea 1.2 TSI	[CBZB]							04.10-	114175	12	1.1
Altea 1.4 TSI	[CAAXA]							11.07-	114163	12	1.1
	[CAXC]							11.07-	114163	12	1.1
Altea 1.6	[BGU]	03.04-	113992	14	140			03.04-	113773	12	1.1
	[BSE]	03.04-	113992	14	140			03.04-	113773	12	1.1
	[BSF]	03.04-	113992	14	140			03.04-	113773	12	1.1
Altea 1.6 LPG	[CHGA]	09.09-	113992	14	140						
Altea 1.6 Multifuel	[BSE]	10.06-	113992	14	140						
	[BSF]	10.06-	113992	14	140						
	[CAYC]	10.09-	113992	14	140						
Altea 1.6 TDI	[BYT]							01.07-	114163	12	1.1
Altea 1.9 TDI	[BJB]	04.04- 09.05	113992	14	140			04.04-	113842	12	1.7
	[BKC]	04.04- 05.06	113992	14	140			04.04-	113842	12	1.7
	[BLS]	04.04- 10.05	113992	14	140			04.04-	113842	12	1.7
	[BKE]	04.04- 02.06	113992	14	140			04.04-	113842	12	1.7
	[BKF]	08.09-	113992	14	140						
	[BKF]	08.09-	113992	14	140						
Altea 2.0 FSI	[BLR]	05.04- 11.05	113992	14	140			05.04- 11.05	114163	12	1.1
	[BLY]	05.04- 11.05	113992	14	140			05.04- 11.05	114163	12	1.1
	[BVY]	05.04- 11.05	113992	14	140			05.04- 11.05	114163	12	1.1
	[BVZ]	05.04- 11.05	113992	14	140			05.04- 11.05	114163	12	1.1
	[BLR]							05.04-	113773	12	1.1
	[BLY]							05.04-	113773	12	1.1
	[BVY]							05.04-	113773	12	1.1
	[BVZ]							05.04-	113773	12	1.1
Altea 2.0 TFSI	[BWA]	04.06-	113992	14	140			AT 04.06-	111909	12	1.1
	[BWA]							04.06-	113773	12	1.1
Altea 2.0 TDI 16V	[AZV]	11.06-	113992	14	140						
Altea 2.0 TDI	[AZV]	04.04-	113992	14	140			AT 04.04-	113509	12	1.7
	[BKD]	03.04-	113992	14	140			03.04-	113841	12	1.7
	[BMM]	11.05-	113992	14	140			11.05-	113841	12	1.7
	[BMN]	03.06-	113992	14	140			03.06-	113841	12	1.7
	[AZV]							03.04-	113841	12	1.7
	[BKD]							AT, 6 Speed 06.04-	113509	12	1.7
Altea 2.0 TDI 4x4	[BMM]	06.07-	113992	14	140						
Altea XL 1.2 TSI	[CBZB]							04.10-	114175	12	1.1
Altea XL 1.6	[BSE]	10.06-	113992	14	140			10.06-	113773	12	1.1
	[BSF]	10.06-	113992	14	140			10.06-	113773	12	1.1
Altea XL 1.6 LPG	[CHGA]	09.09-	113992	14	140						
Altea XL 1.8 TFSI	[BYT]							01.07-	114163	12	1.1
Altea XL 1.9 TDI	[BLS]	10.06-	113992	14	140			10.06-	113842	12	1.7
	[BKE]	10.06-	113992	14	140			10.06-	113842	12	1.7
	[BKF]	08.09-	113992	14	140						
Altea XL 2.0 FSI	[BVY]	10.06-	113992	14	140			10.06-	114163	12	1.1
	[BVZ]	10.06-	113992	14	140			10.06-	113773	12	1.1
	[BVY]							10.06-	113773	12	1.1
	[BVZ]							10.06-	114163	12	1.1
Altea XL 2.0 TFSI 4WD	[BWA]	06.07-	113992	14	140			06.07-	113773	12	1.1
Altea XL 2.0 TDI 16V	[BKD]	10.06-	113992	14	140			10.06-	113841	12	1.7
Altea XL 2.0 TDI	[BMM]	10.06-	113992	14	140			10.06-	113841	12	1.7
	[BMN]	06.07-	113992	14	140			10.06-	113841	12	1.7
Altea XL 2.0 TDI 4WD	[BMN]	06.07-	113992	14	140			06.07-	113841	12	1.7
Arosa 1.0	[AER]	02.97- 04.98	111479	14	90			02.97- 06.04	113750	12	0.9
		02.97-	112408#	14	90						
		05.97- 04.98	111352	14	70						
		05.97- 06.04	113870	14	70						
		PS 02.97- 04.98	111353	14	70						
		PS 05.97- 04.98	111477	14	90						
		ACPS 05.97-	112274	14	90						
	[AHT]	02.97-	111352	14	70			05.97- 06.04	113750	12	0.9
		05.97- 06.04	113870	14	70						
		10.97- 02.00	112274	14	90						
		10.97- 02.00	112419	14	70						
		10.99-	112273	14	70						
	[ALD]	05.97- 06.04	113870	14	70			01.99- 07.00	113750	12	0.9
		01.99-	112408#	14	90						
		PS 01.99- 07.00	112273	14	70						
		AC 01.99- 07.00	112274	14	90						
	[ALL]	05.97- 06.04	113870	14	70			10.97- 05.99	113750	12	0.9
	10.97- 05.99	111352	14	70							
	10.97- 05.99	112274	14	90							
	10.97-	112408#	14	90							
	PS 10.97- 05.99	111353	14	70							
	PS 10.97- 05.99	111477	14	90							
[ANV]	05.97- 06.04	113870	14	70			01.99- 07.00	113750	12	0.9	
	PS 01.99- 07.00	112273	14	70							
	AC 01.99- 07.00	112274	14	90							
[AUC]	05.00-	112408#	14	90			05.00- 06.04	113750	12	0.9	
	05.97- 06.04	113870	14	70							
	PS 05.00-	112273	14	70							
	AC 05.00-	112274	14	90							
Arosa 1.4	[AEX]	02.97- 11.97	111479	14	90			05.97- 11.97	112307	12	1.1
		05.97- 11.97	111352	14	70			05.97- 06.04	113750	12	0.9
		05.97- 06.04	113870	14	70			05.97- 11.97	111823	12	1.1
		PS 02.97- 11.97	111353	14	70						
		PS 05.97- 11.97	111477	14	90						
	[AKK]	05.97- 06.04	113870	14	70			01.99- 06.04	113750	12	0.9
		01.99- 10.00	112274	14	90			01.99- 10.00	112307	12	1.1
		PS 01.99- 10.00	112273	14	70			01.99- 10.00	111823	12	1.1
	[AKV]	05.97- 09.99	111352	14	70			05.97- 09.99	113750	12	0.9
		05.97- 09.99	111479	14	90			05.97- 09.99	112307	12	1.1
		05.97- 06.04	113870	14	70			05.97- 09.99	111823	12	1.1
		PS 05.97- 09.99	111353	14	70						
		PS 05.97- 09.99	111477	14	90						
	[ANW]	05.97- 06.04	113870	14	70			01.99- 10.00	112307	12	1.1
		01.99- 10.00	112274	14	90			01.99- 10.00	113750	12	0.9
		PS 01.99- 10.00	112273	14	70			01.99- 10.00	111823	12	1.1
	[APO]	05.97- 06.04	113870	14	70			12.97- 08.98	111823	12	1.1
	12.97- 08.98	111352	14	70			05.97- 06.04	113750	12	0.9	
	12.97- 08.98	111479	14	90			12.97-	112307	12	1.1	
	PS 12.97- 08.98	111353	14	70							
	PS 12.97- 08.98	111477	14	90							
[AUD]	05.97- 06.04	113870	14	70			01.00-	112307	12	1.1	
	01.99-	112274	14	90			01.99- 06.04	113750	12	0.9	
	PS 01.99-	112273	14	70			01.99-	111823	12	1.1	
Arosa 1.4 16V	[AFK]	01.00-	112273	14	70			01.99- 09.00	112307	12	1.1
	[ANW]	01.00-	112273	14	70			01.00-	112307	12	1.1
	[AOQ]	05.99- 09.00	112274	14	90			05.99- 09.00	112307	12	1.1
	[AUB]	09.00-	112274	14	90			09.00-	112307	12	1.1
Arosa 1.4 TDI	[AMF]	01.00-	113275	14	120			01.00-	111900	12	1.8
	[AMF]	01.00- 04.06	113873	14	70						
	[AMF]	01.00- 06.04	113840#	14	90						



Arosa 1.7 SDI	[AKU]	01.96-	111858	14	90	08.97-	111904	12	1.8
		08.97-	111825	14	70				
		08.97-	112401	14	90				
Cordoba 1.0	[ALD]	PS 06.99-10.02	112273	14	70	06.99-10.02	112307	12	1.1
		06.99-10.02	113870	14	70				
	[ANV]	PS 06.99-10.02	112274	14	90	06.99-10.02	112307	12	1.1
		06.99-07.02	113870	14	70				
	[AUC]	07.00-10.02	113870	14	70	06.99-10.02	112307	12	1.1
		PS 06.99-10.02	112273	14	70				
PS 06.99-10.02		112274	14	90					
Cordoba 1.0 16V	[AST]	PS 05.00-10.02	112273	14	70	05.00-10.02	112307	12	1.1
		05.00-10.02	113870	14	70				
	[AVZ]	05.00-10.02	113870	14	70				
Cordoba 1.0 i	[AER]	09.96-	111352	14	70	09.96-	112307	12	1.1
		09.96-	111353	14	70				
		09.96-	111477	14	90				
		PS 09.96-	111353	14	70				
		PS 09.96-	111477	14	90				
Cordoba 1.2	[AZO]	10.02-	113880	14	70	10.02-	113515	12	0.9
		Chas. 6L-3-0971710.02-	113253	14	90				
	[AZQ]	Chas. -6L-3-09716910.02-	113253	14	90				
		Chas. -6L309716910.02-	113253	14	90				
Cordoba 1.4	[AKK]	06.99-12.02	112273	14	70	05.99-12.02	112307	12	1.1
		05.99-08.00	112274	14	90				
	[ANW]	06.99-12.02	112274	14	90	05.99-10.02	112307	12	1.1
		05.99-08.00	112273	14	70				
	Cordoba 1.4 16V	[AQQ]	02.00-10.02	112273	14	70	06.99-12.02	112307	12
02.00-10.02			112273	14	70				
[AUB]		02.00-10.02	112273	14	70	02.00-10.02	112307	12	1.1
		09.99-06.00	112273	14	70				
[APE]		09.99-06.00	112273	14	70	06.99-06.00	112307	12	1.1
		09.02-	113870	14	70				
[BBY]		AC 10.02-	112274	14	90	AT 10.02-	111823	12	1.1
		09.99-06.00	112274	14	90				
[APE]	09.99-06.00	112274	14	90	10.02-	113515	12	0.9	
	10.02-	112274	14	90					
	10.02-	113870	14	70					
[BBZ]	10.02-	113870	14	70	10.02-	113515	12	0.9	
	10.02-	113870	14	70					
Cordoba 1.4 i 16V	[AFH]	09.96-06.99	111353	14	70	09.96-06.99	112307	12	1.1
		AC 09.96-06.99	111477	14	90				
Cordoba 1.4 i	[ABD]	09.93-12.95	111352	14	70	09.93-12.95	112307	12	1.1
		PS 09.93-12.95	111353	14	70				
	[AEX]	12.95-12.97	111352	14	70	12.95-12.97	112307	12	1.1
		12.95-12.97	111479	14	90				
		PS 12.95-12.97	111353	14	70				
	[AKV]	PS 12.95-12.97	111477	14	90	09.97-	112307	12	1.1
		09.97-	111352	14	70				
		09.97-	111479	14	90				
		PS 09.97-	111353	14	70				
	[ANX]	PS 09.97-	111477	14	90	01.96-05.98	112307	12	1.1
		01.98-05.98	111352	14	70				
		01.98-05.98	111353	14	70				
01.98-05.98		111477	14	90					
01.98-		111479	14	90					
[APO]	PS 01.98-	111353	14	70	12.97-05.98	112307	12	1.1	
	PS 01.98-	111477	14	90					
	12.97-12.02	111352	14	70					
	12.97-12.02	111353	14	70					
	12.97-12.02	111477	14	90					
	12.97-	111479	14	90					
Cordoba 1.4 TDi	[BMS]	06.05-	113840#	14	90	06.05-	113842	12	1.7
		06.05-	113840#	14	90				
	[BNV]	06.05-	113840#	14	90	06.05-	113842	12	1.7
		10.02-	113275	14	120				
	[AMF]	10.02-	113275	14	120	10.02-	113842	12	1.7
		10.02-12.05	113873	14	70				
	[BMS]	10.02-	113840#	14	90	10.02-	111900	12	1.8
		06.05-	112079	14	90				
		06.05-	113275	14	120				
		05.05-	113275	14	120				
Cordoba 1.6	[ALM]	05.05-	113840#	14	90	06.99-	112307	12	1.1
		06.99-	112273	14	70				
	[APF]	06.99-10.02	112075	14	70	06.99-	111909	12	1.1
		04.03-	113870	14	70				
	[BAH]	AC 02.03-	112274	14	90	02.03-	113515	12	0.9
		05.99-12.02	112075	14	70				
	[AEH]	05.99-12.02	112075	14	70	02.03-	112435	12	1.1
		06.99-08.02	112075	14	70				
	[AKL]	06.99-10.02	111353	14	70	06.99-10.02	112307	12	1.1
		06.99-10.02	111477	14	90				
	[ALM]	06.99-10.02	111477	14	90	06.99-10.02	112307	12	1.1
		06.99-	111989	14	90				
09.96-		111479	14	90					
[1F]		AC 05.94-12.02	111477	14	90				
[1F]		05.94-12.02	111352	14	70				
[ABU]	09.93-07.94	111353	14	70	09.93-07.94	112307	12	1.1	
	09.93-07.94	111477	14	90					
	03.97-	111353	14	70					
[AEE]	AC 03.97-	111477	14	90	03.97-	112307	12	1.1	
	12.95-	111479	14	90					
[AFT]	07.96-	111748	12	1.1	07.96-	111748	12	1.1	
	04.97-06.99	111352	14	70					
	PS 12.95-11.02	111353	14	70					
	AC 12.95-	111477	14	90					
	09.97-	111353	14	70					
[ALM]	09.97-	111477	14	90	09.97-	112307	12	1.1	
	03.99-12.02	112274	14	90					
	06.99-	112273	14	70					
	AC 09.97-	111477	14	90					
	07.97-	112002	14	120					
Cordoba 1.7 SDI	[AKW]	07.97-	112079	14	90	07.97-	113340	14	70
		07.97-	112079	14	90				
		07.97-	113340	14	70				
Cordoba 1.8 i 16V	[ADL]	09.93-	111353	14	70	10.93-08.96	111748	12	1.1
		09.93-08.96	111477	14	90				
Cordoba 1.8 i	[ABS]	02.93-	111352	14	70	02.93-	111748	12	1.1
		02.93-	111479	14	90				
	[ADZ]	AC 02.93-	111477	14	90	07.94-09.96	111748	12	1.1
		02.93-	111352	14	70				
Cordoba 1.8 Turbo 20V Cupra	[AOX]	02.93-	111479	14	90	10.96-	111909	12	1.1
		AC 02.93-	111477	14	90				
	[AOX]	06.99-	111989	14	90	05.99-10.00	112005	12	1.1
		05.99-10.00	112075	14	70				
Cordoba 1.9 Diesel	[1Y]	02.93-08.96	111352	14	70	Chas. -ZR775807 02.93-08.96	112286	12	1.7
		02.93-08.96	111477	14	90				
Cordoba 1.9 SDI	[AGP]	05.99-10.00	112075	14	70	05.99-10.02	112286	12	1.7
		06.99-	112002	14	120				
	[AQM]	06.99-10.02	112286	12	1.7	06.99-10.02	112286	12	1.7
		08.96-06.99	111353	14	70				
	[AEF]	08.96-06.99	111828	14	120	Chas. 6K-ZR775808-08.96-	112286	12	1.7
		Chas. 6KX026680-							
		Chas. -6KX026679 08.96-05.98	111884	14	90				
		AC 08.96-06.99	111477	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SEAT Continued

Application list

	[AEY]	08.96-12.02	111353	14	70	08.96-	112286	12	1.7
		08.96-	111477	14	90				
		08.96-03.99	111828	14	120				
		08.96-05.99	111884	14	90				
		09.96-	111352	14	70				
		03.99-06.99	112002	14	120				
		03.99-06.99	112079	14	90				
		03.99-06.99	113340	14	70				
	AC 08.96-		111477	14	90				
	[AOM]	06.99-	112079	14	90				
		06.99-	113340	14	70				
	[ASY]	09.02-	112002	14	120	09.02-12.04	112438	12	2.0
		09.02-	112079	14	90				
		09.02-	113340	14	70				
Cordoba 1.9 TD	[AAZ]	02.93-08.96	111352	14	70	02.93-08.96	112286	12	1.7
		02.93-08.96	111479	14	90				
		02.93-08.96	111828	14	120				
		09.93-	111477	14	90				
	AC 02.93-	08.96	111477	14	90				
Cordoba 1.9 TDI	[AGR]	06.99-	113340	14	70	06.99-	111900	12	1.8
	[ASK]	05.99-	112002	14	120	06.99-10.02	111900	12	1.8
	[ALH]	06.99-	113340	14	70	06.99-	111900	12	1.8
	[ASV]	05.99-10.02	112079	14	90	06.99-	111900	12	1.8
	[ASZ]	02.02-	112079	14	90	02.02-	112429	12	2.0
		02.02-	113340	14	70	10.02-	113841	12	1.7
	[1Z]	08.96-12.96	111828	14	120	08.96-12.96	111900	12	1.8
		08.96-12.96	111884	14	90				
		08.96-12.96	111988	14	120				
	[AFN]	03.97-	111353	14	70	03.97-	111900	12	1.8
		03.97-	111477	14	90	03.97-	111694	12	1.8
		03.97-	111828	14	120				
		03.97-05.98	111884	14	90				
		03.97-	111988	14	120				
		AC 02.98-03.99	111828	14	120				
		AC 03.99-06.99	112002	14	120				
		AC 03.99-06.99	112079	14	90				
		AC 03.99-06.99	113340	14	70				
	[AGR]	06.99-	112002	14	120				
		06.99-	112079	14	90				
	[AHU]	01.00-	112002	14	120	08.96-12.02	111900	12	1.8
		01.00-	112079	14	90				
		01.00-	113340	14	70				
		08.96-12.02	111828	14	120				
		08.96-05.98	111884	14	90				
		08.96-12.02	111988	14	120				
	[ALH]	06.99-	112079	14	90				
			112002	14	120				
	[ASV]	05.99-10.02	113340	14	70				
	[ASZ]	02.02-	112002	14	120				
	[ATD]	09.02-	112002	14	120	10.02-	111900	12	1.8
		09.02-	112079	14	90	09.02-	113842	12	1.7
		09.02-	113340	14	70				
Cordoba 2.0	[AZL]	09.02-	112075	14	70	09.02-10.04	112005	12	1.1
	[BBX]	04.03-	111989	14	90	04.03-	112005	12	1.1
	[AGG]					09.93-04.96	112236	12	1.8
	[AZL]	09.02-	111989	14	90				
Cordoba 2.0 i 16V	[ABF]	08.96-12.02	111353	14	70	08.96-12.99	111749	12	1.1
		08.96-12.02	111479	14	90				
		AC 08.96-12.02	111477	14	90				
Cordoba 2.0 i	[2E]	02.93-04.96	111352	14	70	02.93-04.96	111748	12	1.1
		02.93-04.96	111479	14	90				
		AC 02.93-04.96	111477	14	90				
	[AGG]	04.96-	111352	14	70	10.96-	111909	12	1.1
		04.96-	111479	14	90	04.96-09.96	111748	12	1.1
		AC 04.96-	111477	14	90				
Exeo 1.6	[ALZ]					03.09-	114179	12	1.2
Exeo 1.6 ST	[ALZ]					06.09-	114179	12	1.2
Exeo 1.8	[CFMA]					03.09-	114179	12	1.2
Exeo 1.8 ST	[CFMA]					06.09-	114179	12	1.2
Exeo 2.0 TDI	[CAGC]	08.09-	114109	14	180	08.09-	114096	12	2.0
	[CAGA]	03.09-	113992	14	140				
		03.09-	114109	14	180				
	[CAGC]	08.09-	113992	14	140				
	[CAHA]	01.08-	113992	14	140				
		01.08-	114109	14	180				
Exeo 2.0 TDI ST	[CAGA]	06.09-	113992	14	140				
		06.09-	114109	14	180				
	[CAGC]	06.09-	113992	14	140				
		06.09-	114109	14	180				
	[CAHA]	06.09-	113992	14	140				
		06.09-	114109	14	180				
Fura 0.9	[09NCA]					03.84-12.86	110365	12	0.8
	[100GL7000]	03.84-12.86	111078	14	45	03.84-12.86	110365	12	0.8
	[HB90]	09.81-06.86	111078	14	45	01.82-06.86	110365	12	0.8
Ibiza 0.9	[09NCA]	08.90-05.93	111078	14	45	08.90-05.93	110365	12	0.8
	[146A000]	06.84-05.93	111078	14	45	06.84-05.93	110365	12	0.8
Ibiza 1.0	[ALD]	PS 05.99-	112274	14	90	05.99-	112307	12	1.1
	[ANV]	PS 05.99-07.00	112274	14	90	05.99-07.00	112307	12	1.1
	[AUC]	PS 07.00-05.02	112274	14	90	07.00-05.02	112307	12	1.1
	[AAU]	03.93-09.96	111288	14	65	03.93-06.96	113483#	12	0.9
		03.93-09.96	112763	14	55	03.93-09.96	111058	12	0.8
	[ALD]	05.99-	112408#	14	90				
		PS 05.99-	112273	14	70				
	[ANV]	PS 05.99-07.00	112408#	14	90				
		PS 05.99-07.00	112273	14	70				
	[AUC]	PS 07.00-05.02	112273	14	70				
Ibiza 1.0 16V	[AST]	PS 05.00-02.02	112274	14	90	05.00-02.02	112307	12	1.1
	[AVZ]	PS 05.00-02.02	112274	14	90	05.00-02.02	112307	12	1.1
	[AST]	PS 05.00-02.02	112273	14	70				
	[AVZ]	PS 05.00-02.02	112273	14	70				
Ibiza 1.0 i	[AER]	09.96-10.99	111352	14	70	09.96-08.99	112307	12	1.1
		PS 09.96-10.99	111353	14	70				
		PS 09.96-10.99	111477	14	90				
Ibiza 1.2	[CGPA]	05.10-	113253	14	90	05.10-	114034	12	1.0
	[AZO]	11.01-10.02	113253	14	90	02.02-	112435	12	1.1
		02.02-	113880	14	70	02.02-	113515	12	0.9
	[021A1000]	06.84-09.85	110358	14	55	11.84-12.93	110365	12	0.8
		09.85-12.93	112727#	14	55				
Ibiza 1.2 i	[021C.1000]					01.89-05.93	110365	12	0.8
Ibiza 1.2 TSi	[CBZB]					09.10-	114034	12	1.0



Ibiza 1.3 i	[AAV]	03.93- 07.94	111288	14	65	03.93- 07.94	113483#	12	0.9
		03.93- 07.94	112763	14	55	03.93- 07.94	111058	12	0.8
Ibiza 1.4	[CGGB]	03.10-	112408#	14	90	03.10-	114034	12	1.0
	[AKK]	08.99-	112274	14	90	08.99-	112307	12	1.1
	[ANW]	05.99-	112273	14	70	08.99-	112307	12	1.1
		05.99-	112274	14	90				
	[CGGB]	03.10-	112274	14	90				
		03.10-	113870	14	70				
Ibiza 1.4 16V	[BBY]	03.10-	113874	14	110				
						AT 02.02-	111823	12	1.1
						5SP 02.02-	112435	12	1.1
	[BBZ]	AC 02.02-	111989	14	90	02.02-	112435	12	1.1
	[APE]	05.99-	112273	14	70	05.99-	112307	12	1.1
		05.99-	112274	14	90				
	[AOQ]	08.99- 07.00	112273	14	70	08.99- 07.00	112307	12	1.1
		08.99- 07.00	112274	14	90				
	[AUB]								
			AC 02.02-	111989	14	90			
		AC 02.02-	112274	14	90				
	[BBY]	AC 02.02-	111989	14	90				
	[BBZ]	AC 02.02-	112274	14	90				
		AC 02.02-	112274	14	90				
Ibiza 1.4 i 16V	[AFH]	09.96- 08.99	111353	14	70	09.96- 08.99	112307	12	1.1
		AC 09.96- 08.99	111477	14	90				
Ibiza 1.4 i	[ABD]	09.93- 12.95	111352	14	70	09.93- 12.95	112307	12	1.1
		PS 09.93- 12.95	111353	14	70				
	[AEX]	12.95- 12.97	111352	14	70	12.95- 12.97	112307	12	1.1
		PS 12.95- 12.97	111353	14	70				
		ACPS 12.95- 12.97	111477	14	90				
	[AKV]	12.97-	111352	14	70	12.97-	112307	12	1.1
		PS 12.97-	111353	14	70				
		ACPS 12.97-	111477	14	90				
	[APQ]	12.97-	111352	14	70	12.97-	112307	12	1.1
		PS 12.97-	111353	14	70				
		ACPS 12.97-	111477	14	90				
	Ibiza 1.4 TD	[AMF]	05.02-	113873	14	70	5SP 05.02-	111900	12
		05.02-	113840#	14	90	05.02-	113842	12	1.7
[BMS]		06.05-	113840#	14	90	06.05-	113842	12	1.7
[BNV]		06.05-	113840#	14	90	06.05-	113842	12	1.7
[AMF]		05.02-	113275	14	120				
[BMS]		06.05-	112079	14	90				
		06.05-	113275	14	120				
[BNM]		05.05-	113275	14	120				
		05.05-	113840#	14	90				
[BNV]		06.05-	112079	14	90				
	06.05-	113275	14	120					
Ibiza 1.5	[021A2000]	06.84- 08.85	110358	14	55				
		09.85- 05.93	112727#	14	55				
Ibiza 1.5 i	[021B.2000]					10.86- 05.93	110365	12	0.8
		10.86- 05.93	112727#	14	55				
	[021C.2000]					10.86- 05.93	110365	12	0.8
		10.86- 05.93	112727#	14	55				
		10.86- 05.93	112727#	14	55				
Ibiza 1.6	[BAH]	AC 02.03-	112274	14	90	02.03-	113515	12	0.9
	[ALM]	09.97- 02.02	112273	14	70	09.97- 02.02	112307	12	1.1
		09.97- 02.02	112274	14	90				
	[APF]	08.99-	111989	14	90	08.99-	111909	12	1.1
	08.99-	112075	14	70					
Ibiza 1.6 16V	[BTS]					11.06-	113773	12	1.1
	[ABU]	03.93- 07.94	111353	14	70	03.93- 07.94	112307	12	1.1
Ibiza 1.6 i	[AEE]	AC 03.97- 12.98	111477	14	90	03.97- 12.98	112307	12	1.1
	[ALM]	Chas. -6K-X-39999909.97- 05.02	111353	14	70	09.97- 05.02	112307	12	1.1
	[1F]	05.94- 08.99	111352	14	70	05.94- 08.99	111748	12	1.1
		05.94- 08.99	111479	14	90				
		AC 05.94- 08.99	111477	14	90				
	[ABU]	03.93- 07.94	111477	14	90				
	[AEE]	03.97- 12.98	111353	14	70				
	[AFT]	04.96-	111352	14	70	04.96-	111909	12	1.1
		04.96-	111479	14	90	04.96-	112307	12	1.1
		AC 04.96-	111477	14	90	04.96-	111748	12	1.1
	[ALM]	09.97- 05.02	112273	14	70				
		09.97- 05.02	112274	14	90				
		Chas. -6K-X-39999909.97- 05.02	111477	14	90				
						05.11-	114034	12	1.0
Ibiza 1.6 LPG	[CNKA]					05.11-	114034	12	1.0
	[CAYB]	05.09-	113992	14	140				
	[CAYC]	05.09-	113992	14	140				
	[CLNA]	03.10-	113992	14	140				
Ibiza 1.7	[021A.3000]					01.91- 05.93	111619	12	1.7
	[022A.5000]	06.84- 05.93	110912	14	55	06.84- 05.93	110836#	12	1.6
Ibiza 1.7 Diesel		06.84- 05.93	111138	14	45				
		09.93- 08.96	111353	14	70	11.93- 08.96	111748	12	1.1
Ibiza 1.8 i 16V	[ADL]	09.93- 08.96	111353	14	70	11.93- 08.96	111748	12	1.1
		09.93- 08.96	111477	14	90				
Ibiza 1.8 i	[ABS]	AC 03.93- 07.94	111477	14	90	03.93- 07.94	111748	12	1.1
	[ADZ]	07.94- 10.99	111352	14	70	11.95- 10.99	111909	12	1.1
		07.94- 10.99	111479	14	90	07.94- 11.95	111748	12	1.1
	[ABS]	03.93- 07.94	111352	14	70				
		03.93- 07.94	111479	14	90				
	[ADZ]	AC 07.94- 10.99	111353	14	70				
	AC 07.94- 10.99	111477	14	90					
Ibiza 1.8 Turbo 20V Cupra	[AOX]	10.99- 10.00	111989	14	90	10.99- 10.00	112005	12	1.1
		10.99- 10.00	112079	14	90				
	[AVP]	08.99-	111989	14	90	09.00- 05.02	112005	12	1.1
	08.99-	112075	14	70					
Ibiza 1.8 Turbo Cupra R	[BBU]	01.04- 04.05	111989	14	90	01.04- 04.05	114163	12	1.1
		01.04- 04.05	112002	14	120				
		01.04- 04.05	112075	14	70				
Ibiza 1.8 Turbo FR	[BJX]	12.03-	112075	14	70	12.03-	112005	12	1.1
	[BKV]	12.03-	112075	14	70	12.03-	112005	12	1.1
	[BJX]	12.03-	111989	14	90				
	[BKV]	12.03-	111989	14	90				
Ibiza 1.9 Diesel	[1Y]	03.93- 08.96	111352	14	70	Chas. ZR199605- 04.93- 08.96	112286	12	1.7
		03.93- 08.96	111479	14	90	10.94- 08.96	113387	12	2.0
		AC 03.93- 08.96	111477	14	90				
Ibiza 1.9 SDI	[AEF]	08.96- 08.99	111477	14	90	12.95- 10.99	112286	12	1.7
	[AEV]	12.95- 10.99	111353	14	70	12.95- 10.99	112286	12	1.7
	[ASV]	02.02-	112002	14	120	02.02- 11.04	112438	12	2.0
		02.02-	113340	14	70	5SP 02.02-	112435	12	1.1
	[AEF]	08.96- 08.99	111353	14	70				
		08.96- 08.99	111828	14	120				
		08.96- 05.98	111884	14	90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





SEAT Continued

Application list

	[AEY]	12.95- 10.99	111477	14	90				
		12.95- 10.99	111884	14	90				
		AC 12.95- 10.99	111477	14	90				
	[AGP]					05.99- 01.02	112286	12	1.7
	[AQM]	08.99-	112002	14	120	05.99- 01.02	112286	12	1.7
		08.99-	112079	14	90				
		08.99-	113340	14	70				
		02.02-	112079	14	90				
Ibiza 1.9 TD	[AAZ]	03.93- 08.96	111479	14	90	08.95-	111751	12	1.0
		AC 03.93- 08.96	111477	14	90	Chas. ZR135501 03.93- 08.96	112286	12	1.7
		03.93- 08.96	111352	14	70				
Ibiza 1.9 TDI	[ASZ]	02.02-	112002	14	120	02.02-	112429	12	2.0
		02.02-	113340	14	70	02.02-	113841	12	1.7
	[ATD]	02.02-	112002	14	120	02.02-	111900	12	1.8
		02.02-	112079	14	90	02.02-	113842	12	1.7
	[1Z]	08.96- 12.96	111828	14	120	08.96- 12.96	111900	12	1.8
		08.96- 12.96	111884	14	90				
		08.96- 12.96	111988	14	120				
	[AFN]	02.97- 08.99	111828	14	120	02.97- 08.99	111900	12	1.8
		02.97- 05.98	111884	14	90				
		02.97- 08.99	111988	14	120				
	[AGR]	05.99- 05.02	112002	14	120	08.99- 02.02	111900	12	1.8
		05.99- 05.02	112079	14	90				
		05.99- 05.02	113340	14	70				
	[AHU]	12.96- 08.99	111828	14	120	03.97-	111694	12	1.8
		12.96- 05.98	111884	14	90	12.96- 08.99	111900	12	1.8
		12.96- 08.99	111988	14	120				
	[ALH]	05.99- 05.02	112002	14	120	08.99- 02.02	111900	12	1.8
		05.99- 05.02	112079	14	90				
		05.99- 05.02	113340	14	70				
	[ASK]	08.99-	112002	14	120	08.99- 02.02	111900	12	1.8
	[ASV]	05.99- 05.02	112079	14	90	08.99- 02.02	111900	12	1.8
		05.99- 05.02	113340	14	70				
		02.02-	112079	14	90				
	[ATD]	02.02-	113340	14	70				
Ibiza 1.9 TDI Cupra R	[BPX]	03.04-	112002	14	120	03.04-	113841	12	1.7
		03.04-	113340	14	70	03.04- 10.04	112429	12	2.0
		03.04-	112079	14	90				
Ibiza 2.0 i 16V	[ABF]	08.96- 08.99	111353	14	70	08.96- 08.99	111749	12	1.1
		08.96- 08.99	111479	14	90				
		AC 08.96- 08.99	111477	14	90				
Ibiza 2.0 i	[2E]	03.93- 04.96	111352	14	70	03.93- 04.96	111748	12	1.1
	[AGG]	04.96- 10.99	111352	14	70	04.96- 10.99	111909	12	1.1
	[2E]	03.93- 04.96	111479	14	90				
		AC 03.93- 04.96	111477	14	90				
	[AGG]	04.96- 10.99	111479	14	90				
		AC 04.96- 10.99	111477	14	90				
Ibiza 2.0 TDI	[CFHD]	01.10-	113992	14	140	01.10-	113841	12	1.7
Ibiza 2.0 TDI Sportcoupe	[CFHD]	01.10-	113992	14	140	01.10-	113841	12	1.7
Inca 1.4 16V	[AUA]	04.00-	112273	14	70	04.00-	112307	12	1.1
	[AUA]	04.00-	112274	14	90				
Inca 1.4 i	[AEX]	11.95-	111352	14	70	11.95-	112307	12	1.1
		11.95-	111479	14	90				
		PS 11.95-	111353	14	70				
		PS 11.95-	111477	14	90				
	[AKV]	09.97-	111352	14	70	11.95-	112307	12	1.1
		09.97-	111353	14	70				
		09.97-	111479	14	90				
		PS 09.97-	111353	14	70				
		PS 09.97-	111477	14	90				
	[APQ]	12.97- 06.03	111352	14	70	12.97- 06.03	112307	12	1.1
		PS 12.97- 06.03	111353	14	70				
		PS 12.97- 06.03	111477	14	90				
	[AUD]	09.00-	112273	14	70	09.00- 06.03	112307	12	1.1
		09.00-	112274	14	90				
Inca 1.6 i	[AEE]	06.97-	111479	14	90	06.97-	111823	12	1.1
		PS 06.97-	111353	14	70	06.97- 09.00	112307	12	1.1
	[1F]	11.95- 05.97	111352	14	70	11.95- 05.97	111748	12	1.1
		11.95- 05.97	111479	14	90				
		AC 11.95- 05.97	111477	14	90				
	[AEE]	06.97-	111352	14	70				
		06.97- 09.00	111353	14	70				
		AC 06.97- 09.00	111477	14	90				
Inca 1.7 Diesel	[AHB]	09.96- 09.00	111828	14	120	09.96- 09.00	112286	12	1.7
		09.96- 09.00	111884	14	90				
Inca 1.9 Diesel	[1Y]	11.95-	111352	14	70	11.95-	112286	12	1.7
		11.95-	111477	14	90				
Inca 1.9 SDI	[AEY]	11.95-	111352	14	70	11.95-	112286	12	1.7
		11.95-	111477	14	90				
		AC 11.95-	111477	14	90				
	[AYO]	09.00-	112002	14	120	11.95-	112286	12	1.7
		09.00-	112079	14	90				
		09.00-	113340	14	70				
Inca 1.9 TDI	[ALH]	09.96-	111477	14	90	09.96-	111900	12	1.8
Leon 1.2 TSi	[CBZB]					02.10-	114175	12	1.1
Leon 1.4 16V	[AHW]	12.99- 05.02	112075	14	70	11.99-	111909	12	1.1
	[APE]	11.99-	111989	14	90	11.99-	111909	12	1.1
	[AXP]	11.99-	111989	14	90	11.99-	111909	12	1.1
	[AHW]	AC 12.99- 05.02	111989	14	90				
	[APE]	11.99-	112075	14	70				
		AC 11.99-	111989	14	90				
Leon 1.6	[BCA]					11.99-	111909	12	1.1
	[AEH]	10.99-	111989	14	90	10.99-	111909	12	1.1
	[AKL]	10.99-	112075	14	70	10.99-	111909	12	1.1
	[BSE]	09.05-	113992	14	140	09.05-	113773	12	1.1
	[BSF]	09.05-	113992	14	140	09.05-	113773	12	1.1
	[AEH]	10.99-	112075	14	70				
	[AKL]	10.99-	111989	14	90				
Leon 1.6 16V	[AUS]	AC 11.99-	111989	14	90	11.99-	111909	12	1.1
	[AZD]	06.00-	111989	14	90	11.99-	111909	12	1.1
	[BCB]	AC 11.99-	111989	14	90	11.99-	111909	12	1.1
	[AUS]	06.00-	111989	14	90				
		11.99-	112075	14	70				
	[AZD]	11.99-	112075	14	70				
		AC 11.99-	111989	14	90				
	[BCB]	06.00-	111989	14	90				
		11.99-	112075	14	70				
Leon 1.6 LPG	[CHGA]	12.09-	113992	14	140				
Leon 1.6 TDI	[CAYB]	11.10-	113992	14	140				
Leon 1.8 20V	[AGN]	10.99-	111989	14	90	10.99-	112005	12	1.1
		10.99-	112075	14	70	AT 10.99-	111909	12	1.1
	[APG]	12.99- 07.04	112002	14	120	10.99-	112005	12	1.1
Leon 1.8 TSi	[BZB]					06.07-	114163	12	1.1



Leon 1.8 Turbo 20V	[AUO]	09.00-	112002	14	120		11.99-	114174	12	1.1
	[AUO]					Chas. -1M. 2. 020 000	09.00- 07.01	112429	12	2.0
Leon 1.8 Turbo 20V 4 Syncro	[AJO]	10.99-	111989	14	90		11.99-	112429	12	2.0
	[AJO]	10.99-	112075	14	70		10.99-	112005	12	1.1
	[ARY]	09.00-	112002	14	120		11.99-	112429	12	2.0
	[ARY]	10.99-	111989	14	90		11.99-	114174	12	1.1
	[ARY]	10.99-	112075	14	70		AT 10.99-	111909	12	1.1
	[AJO]						AT 10.99-	111909	12	1.1
	[ARY]						10.99-	112005	12	1.1
Leon 1.8 Turbo	[APP]	10.99-	111989	14	90		AT 10.99-	111909	12	1.1
	[APP]	12.99-	112002	14	120		10.99-	112005	12	1.1
	[APP]	10.99-	112075	14	70					
Leon 1.8 Turbo Cupra R	[AMK]	05.02- 05.03	112002	14	120		02.02-	114174	12	1.1
	[AMK]	05.02- 05.03	111989	14	90					
	[BAM]	05.03-	111989	14	90		07.03-	114174	12	1.1
	[BAM]	05.03-	112002	14	120					
Leon 1.9 SDI	[AGM]	11.99-	112002	14	120	Chas. -1M. 2. 020 000	12.99- 07.01	112286	12	1.7
	[AGM]	11.99-	112079	14	90					
Leon 1.9 TDI	[AHF]	10.99-	112002	14	120		10.99-	111900	12	1.8
	[ALH]	10.99-	112002	14	120		AT 10.99-	112286	12	1.7
	[ALH]	10.99-	113340	14	70		10.99-	111900	12	1.8
	[ARL]	02.01-	112079	14	90		09.00- 07.04	112429	12	2.0
	[ASV]	10.99-	112002	14	120		10.99-	111900	12	1.8
	[ASZ]	05.03- 07.04	112079	14	90		05.03- 07.04	112429	12	2.0
	[BKC]	09.05-	113992	14	140		09.05-	113842	12	1.7
	[BLS]	09.05-	113992	14	140		09.05-	113842	12	1.7
	[AGR]						10.99-	111900	12	1.8
	[ALH]	10.99-	112079	14	90					
	[ARL]	02.01-	112002	14	120					
	[ASV]	11.99-	112079	14	90					
	[ASZ]	05.03- 07.04	112002	14	120					
	[AXR]	10.05-	112002	14	120					
	[AXR]	10.05-	112079	14	90					
	[BXE]	09.05-	113992	14	140					
	[BXF]	06.07-	113992	14	140					
Leon 1.9 TDI Syncro	[ARL]	05.02- 07.04	112002	14	120		05.02- 07.04	112429	12	2.0
	[ARL]	05.02- 07.04	112079	14	90					
Leon 2.0 FSI	[BLR]	09.05-	113992	14	140		09.05-	113773	12	1.1
	[BLY]	09.05-	113992	14	140		09.05-	114163	12	1.1
	[BVY]	09.05-	113992	14	140		09.05-	113773	12	1.1
	[BVZ]	09.05-	113992	14	140		09.05-	114163	12	1.1
	[BLR]						09.05-	114163	12	1.1
	[BLY]						09.05-	113773	12	1.1
	[BVY]						11.05-	114163	12	1.1
	[BVZ]						09.05-	113773	12	1.1
Leon 2.0 TFSi	[BWA]	09.05-	113992	14	140		09.05-	113773	12	1.1
	[BWJ]	11.06-	113992	14	140		11.06-	113773	12	1.1
	[CDLA]	09.09-	113992	14	140					
Leon 2.0 TDI 16V	[BKD]	09.05-	113992	14	140		09.05-	113841	12	1.7
	[BKD]						AT 09.05-	113509	12	1.7
Leon 2.0 TDI	[BMM]	10.05-	113992	14	140		10.05-	113841	12	1.7
	[BMN]	02.06-	113992	14	140		02.06-	113841	12	1.7
	[AZV]	10.05-	113992	14	140					
Leon 2.8 Cupra 4	[AUE]	02.01-	112002	14	120		02.01-	112429	12	2.0
	[AUE]	02.01-	112079	14	90					
Malaga 1.2	[021A1000]	05.85- 08.85	110358	14	55		05.85- 12.93	110365	12	0.8
		09.85- 12.93	112727#	14	55					
Malaga 1.2 i	[021C.1000]	05.85- 12.93	111138	14	45		12.89- 12.93	110365	12	0.8
	[021C.1000]	09.85- 12.93	110912	14	55					
		12.89- 12.93	112727#	14	55					
Malaga 1.5	[021A2000]	05.85- 08.85	110358	14	55		05.85- 12.93	110365	12	0.8
	[021A2000]	09.85- 12.93	112727#	14	55					
Malaga 1.5 i	[021A2000]	10.86- 12.93	112727#	14	55		10.86- 12.93	110365	12	0.8
	[021B.2000]	01.87- 12.93	112727#	14	55		01.87- 12.93	110365	12	0.8
	[021C.2000]	10.86- 12.93	112727#	14	55		10.86- 12.93	110365	12	0.8
	[021D.2000]	05.85- 12.93	111138	14	45		10.86- 12.93	110365	12	0.8
	[021D.2000]	09.85- 12.93	110912	14	55					
		10.86- 12.93	112727#	14	55					
Malaga 1.7 Diesel	[022A.5000]	05.85- 12.93	110912	14	55		05.85- 12.93	110836#	12	1.6
	[022A.5000]	09.85- 12.93	111138	14	45					
Marbella 0.8	[08NCA]	08.86- 12.93	111078	14	45		08.86- 12.93	110365	12	0.8
Marbella 0.9	[08NCB]	11.96- 10.98	111138	14	45		11.96- 10.98	110365	12	0.8
	[09NCA]	01.87- 12.93	111078	14	45		01.87- 12.93	110365	12	0.8
	[09NCB]	01.87- 02.97	111078	14	45		01.87- 02.97	110365	12	0.8
Panda 0.9	[100GL7000]						09.82- 12.86	110365	12	0.8
Ritmo 1.7 Diesel	[022A.5000]						10.79- 09.83	110836#	12	1.6
Ronda 1.2	[021A1000]	05.84- 08.85	110358	14	55					
	[124B6.000]	09.85- 12.86	112727#	14	55					
	[124B6.000]	11.82- 12.83	111138	14	45					
	[124B6.000]	01.84- 04.84	110358	14	55					
Ronda 1.4	[124B7000]	11.82- 12.83	111138	14	45					
	[124B7000]	05.84- 08.85	110358	14	55					
Ronda 1.5	[021A2000]	05.84- 08.85	110358	14	55					
	[021A2000]	09.85- 12.86	112727#	14	55					
Ronda 1.6	[138AR6000]						06.82- 10.82	111106	12	1.0
Ronda 1.7 Diesel	[022A.5000]	06.82- 12.86	110912	14	55		06.82- 12.86	110836#	12	1.6
	[022A.5000]	09.85- 12.86	111138	14	45					
Terra 0.9	[09NCA]	01.87- 12.96	111078	14	45		01.87- 12.96	110365	12	0.8
	[09NCB]	01.90- 12.95	111078	14	45		01.90- 12.95	110365	12	0.8
Terra 1.4 Diesel	[1W]	10.90- 12.95	112763	14	55					
	[1W]	10.90- 12.94	111801#	14	70					
Toledo 1.4 16V	[AHW]	AC 07.99-	112075	14	70		07.99-	111909	12	1.1
	[AHW]	07.99-	111989	14	90					
	[AHW]	07.99-	112075	14	70					
	[AHW]	AC 07.99-	111989	14	90					
	[AXP]						07.99-	111909	12	1.1
Toledo 1.6	[AEH]	04.99-	111989	14	90		04.99-	111909	12	1.1
	[AKL]	04.99-	111989	14	90		04.99-	111909	12	1.1
	[BGU]	10.04-	113992	14	140		AT 10.04-	113773	12	1.1
	[BSE]	10.04-	113992	14	140		AT 10.04-	113773	12	1.1
	[BSF]	10.04-	113992	14	140		AT 10.04-	113773	12	1.1
	[AEH]	04.99-	112075	14	70					
	[AKL]	04.99-	112075	14	70					
	[CCSA]	10.04-	113992	14	140					
Toledo 1.6 16V	[AZD]	09.00-	111989	14	90		09.00-	111909	12	1.1
	[AUS]						09.00-	111909	12	1.1
	[AZD]	AC 09.00-	111989	14	90					



Application list

SEAT Continued

Toledo 1.6 i	[1F]	05.91- 12.93	112149	14	65	05.91- 10.98	111059	12	0.9	
		Chas. -ZD304850	05.91- 12.93	112149	14	65	05.91- 10.98	111748	12	1.1
	[ABN]	10.93- 07.94	111479	14	90	05.91- 07.94	111748	12	1.1	
		Chas. -ZD304850				05.91- 07.94	111059	12	0.9	
	[EZ]	Chas. -ZD304850				05.91- 09.91	111059	12	0.9	
	[1F]	10.93- 10.98	111352	14	70					
		10.93- 10.98	111479	14	90					
		Chas. -ZD304850								
		AC 10.93- 10.98	111477	14	90					
		[ABN]	10.93- 07.94	111352	14	70				
	Chas. -ZD304850	05.91- 10.93	112149	14	65					
	AC 10.93- 07.94	111477	14	90						
	[AFT]	11.96- 10.98	111353	14	70	11.96-	111748	12	1.1	
		11.96- 10.98	111477	14	90					
	[EZ]	Chas. -ZD304850	05.91- 09.91	112149	14	65				
Toledo 1.8 16V	[KR]	05.91- 11.92	111160	14	65	05.91- 11.92	111748	12	1.1	
	[PL]	05.91- 03.94	111160	14	65	05.91- 03.94	111748	12	1.1	
	[KR]	05.91- 11.92	112750	14	90					
	[PL]	05.91- 03.94	112750	14	90					
Toledo 1.8 20V	[AGN]	04.99-	111989	14	90	04.99-	112005	12	1.1	
		04.99-	112075	14	70	AT 04.99-	111909	12	1.1	
	[APG]	05.99- 05.02	112002	14	120					
Toledo 1.8 i	[RP]	Chas. ZD304851- 10.93- 12.96	111479	14	90	05.91- 12.96	111748	12	1.1	
	[ABS]	11.93- 07.94	111352	14	70	11.93- 07.94	111748	12	1.1	
		11.93- 07.94	111477	14	90					
		11.93- 07.94	111479	14	90					
		[ADZ]				07.94- 12.96	111748	12	1.1	
			07.94- 12.96	111352	14	70				
			07.94- 12.96	111477	14	90				
			07.94- 12.96	111479	14	90				
		[RP]	Chas. ZD304851- 10.93- 12.96	111352	14	70				
		Chas. -ZD304850								
	Chas. -ZD304850	05.91- 10.93	112149	14	65					
	AC, Chas. ZD304851- 10.93- 12.96	111477	14	90						
Toledo 1.8 TFSI	[BYT]					01.07- 06.07	114163	12	1.1	
Toledo 1.8 Turbo 20V	[AUC]	05.01-	111989	14	90	Chas. -1M-2-020000 05.01-	112429	12	2.0	
		05.01-	112002	14	120	05.01- 05.06	114174	12	1.1	
Toledo 1.9 Diesel	[1Y]	AC 10.93- 10.98	111477	14	90	05.91- 10.98	112286	12	1.7	
	[1Y]	05.91- 10.93	111154	14	65					
		05.91-	112234#	14	85					
		10.93- 10.98	111352	14	70					
		10.93- 10.98	111479	14	90					
	AC 05.91- 10.93	112234#	14	85						
Toledo 1.9 TD	[AAZ]	05.91- 10.93	112234#	14	85	05.91- 04.97	112286	12	1.7	
	[AAZ]	05.91- 10.93	111154	14	65					
		10.93- 04.97	111352	14	70					
		10.93- 04.97	111479	14	90					
		AC 05.91- 10.93	112234#	14	85					
	AC 10.93- 04.97	111477	14	90						
Toledo 1.9 TDI	[1Z]	08.95-	111828	14	120	08.95-	111751	12	1.0	
	[AHU]	06.96-	111884	14	90	06.96-	111900	12	1.8	
						06.96-	112133	12	1.7	
	[AGR]	04.99- 09.02	112079	14	90	AT 04.99- 09.02	112286	12	1.7	
	[AHF]	04.99-	112002	14	120	04.99-	111900	12	1.8	
		04.99-	113340	14	70	AT 04.99-	112286	12	1.7	
	[ALH]	04.99- 07.04	112079	14	90	AT 04.99- 07.04	112286	12	1.7	
	[ARL]	10.00- 07.04	112079	14	90	10.00- 07.04	112429	12	2.0	
	[ASZ]	05.03- 07.04	112079	14	90	05.03- 07.04	112429	12	2.0	
	[JBJ]	10.04-	113992	14	140	10.04-	113842	12	1.7	
	[BKC]	10.04-	113992	14	140	10.04-	113842	12	1.7	
	[1Z]					08.95-	111900	12	1.8	
						08.95-	112133	12	1.7	
	[AFN]	11.96- 03.99	111828	14	120	11.96-	111900	12	1.8	
		11.96- 06.98	111884	14	90	11.96-	111694	12	1.8	
		11.96- 03.99	111988	14	120					
		[AGR]	04.99- 09.02	112002	14	120				
		[AHF]	04.99-	112079	14	90				
		[AHU]	06.96-	111828	14	120				
			06.96-	111988	14	120				
		[ALH]	04.99- 07.04	112002	14	120				
		[ARL]	10.00- 07.04	112002	14	120				
		[ASZ]	05.03- 07.04	112002	14	120				
		[BLS]	10.05-	113992	14	140				
		[BXE]	02.06-	113992	14	140				
Toledo 2.0 FSI	[BLR]	10.04-	113992	14	140	10.04-	114163	12	1.1	
	[BLY]	10.04-	113992	14	140	10.04-	114163	12	1.1	
	[BVV]	11.05-	113992	14	140	11.05-	114163	12	1.1	
	[BVZ]	11.05- 05.06	113992	14	140	11.05- 05.06	114163	12	1.1	
	[BLR]					AT 10.04-	113773	12	1.1	
	[BLY]					AT 10.04-	113773	12	1.1	
Toledo 2.0 i 16V	[ABF]	11.93-	111353	14	70	11.93-	111749	12	1.1	
		11.93-	111477	14	90					
Toledo 2.0 i	[ZE]	10.93- 06.96	111479	14	90	05.91- 06.96	111748	12	1.1	
	[AGG]	03.96- 10.98	111352	14	70	03.96- 03.99	111748	12	1.1	
	[ZE]	03.91-	112234#	14	85					
		05.91- 10.93	112149	14	65					
		10.93- 06.96	111352	14	70					
	AC 10.93- 06.96	111477	14	90						
	[AGG]	03.96- 10.98	111479	14	90					
	AC 03.96- 10.98	111477	14	90						
Toledo 2.0 TFSI	[BWA]	11.05- 02.06	113992	14	140	11.05- 02.06	113773	12	1.1	
Toledo 2.0 TDI	[BKD]	10.04-	113992	14	140	01.06-	113841	12	1.7	
	[AZV]	09.04-	113992	14	140					
	[BKD]					AT 10.04-	113509	12	1.7	
	[BMM]	01.06-	113992	14	140					
	[BMN]	01.06-	113992	14	140					
Toledo 2.3 V5	[AGZ]	04.99-	112002	14	120	AT 04.99-	112286	12	1.7	
	[AON]	05.01-	112002	14	120	AT 05.01-	112286	12	1.7	
	[AGZ]	10.98-	112079	14	90					
		04.99-	113340	14	70					
	[AON]	05.01-	112079	14	90					
	05.01-	113340	14	70						
Various Models						06.82- 12.84	110812	12	2.0	
						05.82- 12.82	110826	12	0.8	
							111106	12	1.0	
						05.79- 05.82	110825#	12	0.9	
						05.72-	110365	12	0.8	
<b>PASSENGER CARS AO</b>										
Ibiza 2.0	[AZL]	07.02-	111989	14	90	04.02-	113842	12	1.7	
	[AZL]	07.02-	112075	14	70					



<b>Seddon</b>									
<b>TRUCKS EU</b>									
301							01.84- 01.87	113333	24 7.0
311							01.85-	113333	24 7.0
401							01.84- 01.87	113333	24 7.0
411							01.85-	113333	24 7.0
25.215							01.96- 01.96	112656	24 4.5
25.245							01.96-	113332	24 7.5
26.245							01.96-	113332	24 7.5
26.280							01.96-	113332	24 7.5
Euro 2							01.96- 01.96	112656	24 4.5
Strato							01.93- 01.95	111286	24 5.5
							01.90-	113333	24 7.0
Strato 210							01.96- 01.96	112656	24 4.5
T 36R							01.76- 01.80	113333	24 7.0
<b>Selva</b>									
<b>MARINE</b>									
Various Models							35P5	112161	12 0.35
<b>Sennebogen</b>									
<b>INDUSTRY</b>									
Various Models							09.82- 06.90	110536	12 2.7
							01.63- 12.65	110409	12 3.0
<b>Setra</b>									
<b>TRUCKS EU</b>									
S 200 16.0		01.73-	111629	28	120				
S 208 5.7		01.79-	111629	28	120				
S 210 11.0		01.83-	111629	28	120				
S 215 HD 12.8		01.77-	111629	28	120				
		[OM402.925]							
S 300 12.0		01.89-	111859#	28	120				
		[D2866OH]							
S 313 12.0		09.91- 02.02	111833	28	140				
S 315 12.0		09.91- 02.02	111833	28	140				
S 315 14.6		09.91- 02.02	111833	28	140		09.91- 02.02	110206	24 5.4
S 317 14.6		09.91- 02.02	111833	28	140				
S 321 12.0		09.91- 02.02	111833	28	140				
S 328 14.6		09.91- 02.02	111833	28	140				
<b>Shanghai GM</b>									
<b>PASSENGER CARS AO</b>									
Captiva 3.2		[LU1]	01.09-	114235	14	120			
<b>Sino</b>									
<b>TRUCKS EU</b>									
Various Models								114435	24 7.5
<b>Sisu</b>									
<b>AGRICULTURE</b>									
SK 150 6.6		[611 CSBA]					09.81- 12.95	113484	24 4.0
<b>Skoda</b>									
<b>PASSENGER CARS EU</b>									
100 1.0		[OHV]					01.70- 12.77	110624#	12 0.65
105 1.0		[742.1]	08.76- 12.90	110542	14	55	08.76- 12.90	110624#	12 0.65
110 1.1 L			12.69- 03.82	110542	14	55	12.69- 03.82	110624#	12 0.65
110 1.1 LS		[OHV]	07.70- 03.82	110542	14	55	07.70- 03.82	110624#	12 0.65
110 1.1 R		[OHV]	07.70- 03.82	110542	14	55	07.70- 03.82	110624#	12 0.65
120 1.2		[742.12]	10.83- 12.90	110542	14	55	10.83- 12.90	110624#	12 0.65
			08.76- 12.90	110542	14	55	08.76- 12.90	110624#	12 0.65
120 1.2 GLS			01.83- 12.90	110542	14	55	02.83- 12.90	110624#	12 0.65
120 1.2 L		[742.12]	08.87- 12.90	110542	14	55	08.87- 12.90	110624#	12 0.65
120 1.2 LS		[742.12 X]	08.76- 12.90	110542	14	55	08.76- 12.90	110624#	12 0.65
130 1.3		[135/B]	05.88- 10.91	110542	14	55	05.88- 10.91	110624#	12 0.65
		[742.13]	02.85- 10.91	110542	14	55	02.85- 10.91	110624#	12 0.65
			08.87- 10.91	110542	14	55	08.87- 10.91	110624#	12 0.65
Fabia 1.0		[AOV]	09.99- 08.02	112419	14	70	12.99-	112388	12 1.0
		[ARV]	12.99-	112274	14	90	12.99-	112388	12 1.0
		[ARV]	12.99-	112002	14	120			
		[ATV]	12.99-	112002	14	120			
			12.99-	112274	14	90			
Fabia 1.2		[AWY]	07.01-	113880	14	70	08.02- 05.04	113515	12 0.9
		[BMD]	07.01-	113880	14	70	Chas. -6Y..5..240000 08.02- 10.04	113515	12 0.9
		[AWY]	08.02- 05.04	113253	14	90			
			Chas. 6Y-3-765553- 07.01-	113253	14	90			
			Chas. -6Y-3-765552 07.01-	113253	14	90			
		[AZQ]	01.03-	113880	14	70	01.03-	113515	12 0.9
			Chas. 6Y-3-765553- 01.03-	113253	14	90			
		[BMD]	05.04-	113253	14	90			
		[BME]	01.03-	113880	14	70	01.03-	113515	12 0.9
Fabia 1.2 Praktik		[AWY]	08.02- 05.04	113253	14	90	08.02- 05.04	113515	12 0.9
		[BMD]	05.04-	113253	14	90	Chas. -6Y..5..240000 05.04- 10.04	113515	12 0.9
Fabia 1.2 16V		[CGPB]	11.11-	113253	14	90	11.11-	114034	12 1.0
Fabia 1.4		[ATZ]	09.99- 01.01	112002	14	120	09.00-	112388	12 1.0
		[AME]	09.99- 05.03	112274	14	90	09.99-	112388	12 1.0
		[AZF]	12.99-	112419	14	70	12.99- 08.02	112388	12 1.0
		[AZE]	09.99-	112002	14	120	09.99- 08.02	112388	12 1.0
		[AOW]	12.99- 05.03	112274	14	90	09.99-	112388	12 1.0
		[AME]	11.00-	112419	14	70			
			09.99- 05.03	112002	14	120			
		[AOW]	12.99- 05.03	112002	14	120			
			12.99- 05.03	112419	14	70			
		[ATZ]	09.99- 01.01	112274	14	90			
		[AZE]	09.99-	112274	14	90			
			09.99-	112419	14	70			
		[AZF]	12.99-	112002	14	120			
			12.99-	112274	14	90			
Fabia 1.4 Praktik		[BXW]	10.07-	113870	14	70			
		[AME]	09.99- 05.03	112002	14	120	09.99- 05.03	112388	12 1.0
			09.99- 05.03	112274	14	90			
			09.99- 05.03	112419	14	70			
		[AOW]	12.99- 05.03	112002	14	120	12.99- 05.03	112388	12 1.0
			12.99- 05.03	112274	14	90			
			12.99- 05.03	112419	14	70			
		[ATZ]	09.99- 01.01	112002	14	120	09.99- 01.01	112388	12 1.0
			09.99- 01.01	112274	14	90			
			09.99- 01.01	112419	14	70			
Fabia 1.4 16V		[BBY]					AT 12.99-	111823	12 1.1
			10.99-	113874	14	110	06.02-	113515	12 0.9
		[BKY]					12.99- 05.02	112435	12 1.1
		[BKY]					12.99- 05.02	112435	12 1.1
		[BBZ]	10.01- 05.04	112274	14	90	10.99-	110245	12 1.0
							07.01-	113515	12 0.9
			AC 03.00- 09.01	111989	14	90	AT 09.99-	111823	12 1.1
		[AUB]	12.99-	113874	14	110	09.99- 05.02	112435	12 1.1
		[AUB]					06.02-	112388	12 1.0
							AT 09.99-	111823	12 1.1
			AC 09.99- 09.01	111989	14	90	09.99- 05.02	112435	12 1.1
							06.02-	113515	12 0.9
		[AUA]					09.99- 05.02	112435	12 1.1
			10.99-	113874	14	110	AT 09.99-	111823	12 1.1
			12.99-	112435			06.02-	113515	12 0.9





SKODA Continued

Application list

	[AUA]	Chas. -6Y-2-389395 Chas. -6Y-2-389395					
		AC 11.00- 10.01	111989	14	90		
		AC 10.01-	112274	14	90		
	[AUB]	AC 10.01-	112274	14	90		
	[BBY]	10.01- 05.04	112274	14	90		
		AC 10.01-	112274	14	90		
		AC 09.99- 10.01	111989	14	90		
	[BBZ]	12.99-	113874	14	110		
		AC 10.01-	112274	14	90		
	[BKY]	10.99-	113874	14	110		
		Chas. -6Y-2-389395 Chas. -6Y-2-389395					
		AC 11.00- 10.01	111989	14	90		
		AC 10.01-	112274	14	90		
Fabia 1.4 TDI	[BMS]	03.07-	113840#	14	90	03.07-	113842 12 1.7
	[BNV]	10.05-	113840#	14	90	10.05-	113842 12 1.7
	[AMF]	05.03-	113275	14	120	04.03-	113842 12 1.7
		05.03- 10.05	113873	14	70	04.03-	111900 12 1.8
	[AMF]	04.03-	113840#	14	90		
	[BNM]	10.05-	113275	14	120		
		10.05-	113840#	14	90		
	[BNV]	10.05-	113275	14	120		
Fabia 1.4 TDI Praktik	[BNM]	10.05-	113275	14	120		
		10.05-	113840#	14	90		
Fabia 1.6 TDI	[CAYB]	03.10-	113992	14	140		
	[CAYC]	03.10-	113992	14	140		
Fabia 1.9 SDI	[ASY]	05.03-	112079	14	90	12.99-	112438 12 2.0
	[ASY]	07.01-	111880				
		12.99-	112002	14	120		
		12.99-	113340	14	70		
		AC 12.99-	112079	14	90		
Fabia 1.9 TDI	[ATD]	AC 12.99-	112079	14	90	01.00-	113842 12 1.7
	[ATD]	12.99-	113340	14	70	Chas. -6Y-3-765552 09.00-	111900 12 1.8
	[ATD]	09.00-	112002	14	120		
		07.01-	111880				
	[BLS]					03.07-	113842 12 1.7
	[BSW]					03.07-	113842 12 1.7
Fabia 1.9 TDI RS	[ASZ]	06.03-	112079	14	90	06.03-	113841 12 1.7
		06.03-	113340	14	70	06.03-	112429 12 2.0
	[ASZ]	06.03-	112002	14	120		
Fabia 2.0	[AZL]	11.00-	112075	14	70	07.00-	112005 12 1.1
	[AZL]	11.00-	111989	14	90		
Favorit 1.3	[781135]	09.88- 09.94	110622	14	70	09.88- 09.94	111214 12 1.0
	[781 135E]	09.88- 09.94	110622	14	70	01.90- 09.94	111214 12 1.0
	[136L]	09.88- 09.94	110622	14	70	10.90- 09.94	111214 12 1.0
	[OHV]	09.88- 09.94	110622	14	70	09.88- 09.94	111214 12 1.0
	[135B]	12.92- 06.97	110622	14	70	12.92- 06.97	111214 12 1.0
	[136B]	12.92- 06.97	110622	14	70	12.92- 06.97	111214 12 1.0
Felicia 1.3	[135B]	10.94- 12.98	110622	14	70	10.94-	111214 12 1.0
	[AMG]	ACPS 03.98- 06.01	112387	14	90	08.96- 12.98	111214 12 1.0
	[135L]	ACPS 10.94- 03.98	112387	14	90	10.94- 03.98	111214 12 1.0
	[AMJ]	ACPS 10.94- 03.98	112387	14	90	10.94- 06.01	111214 12 1.0
	[AMJ]	08.95- 03.98	110622	14	70		
		01.98- 06.01	113783#	14	70		
	[135B]	PS 10.94-	112387	14	90		
	[135L]	10.94- 03.98	110622	14	70		
	[136B]	10.94- 12.98	110622	14	70	10.94-	111214 12 1.0
		PS 10.94-	112387	14	90		
	[AMG]	08.96- 06.01	113783#	14	70		
		PS 08.96- 12.98	112387	14	90		
	[AMH]	08.96- 12.98	110622	14	70	08.96- 12.98	111214 12 1.0
		08.96- 06.01	113783#	14	70		
		PS 03.98- 06.01	112387	14	90		
Felicia 1.3 Fun	[135B]	06.97-	110622	14	70	06.97-	111214 12 1.0
		ACPS 06.97-	112387	14	90		
	[135M]	06.97-	110622	14	70	06.97-	111214 12 1.0
		ACPS 06.97-	112387	14	90		
	[136B]	06.97-	110622	14	70	06.97-	111214 12 1.0
		ACPS 06.97-	112387	14	90		
	[136M]	11.94-	110622	14	70	06.97-	111214 12 1.0
		06.97-	112387	14	90		
Felicia 1.3 LX	[135B]	11.94- 12.98	110622	14	70	08.95-	111214 12 1.0
	[AMG]	08.96- 12.98	110622	14	70	08.95- 03.98	111214 12 1.0
	[135B]	PS 08.95-	112387	14	90		
Felicia 1.3 LXI	[136B]	PS 08.95-	112387	14	90	08.95-	111214 12 1.0
	[AMH]	08.95- 03.98	113783#	14	70	08.96- 12.98	111214 12 1.0
	[136B]	11.94- 12.98	110622	14	70		
	[AMH]	ACPS 08.95- 03.98	112387	14	90		
Felicia 1.6	[AEE]	05.95- 08.01	111352	14	70	05.95- 08.01	111214 12 1.0
		08.95-	111820	14	90		
		08.95-	111878	14	70		
		03.98- 06.01	111353	14	70		
		03.98- 06.01	111477	14	90		
		PS 05.95- 08.01	111353	14	70		
		PS 06.97-	111820	14	90		
		PS 06.97-	111878	14	70		
		AC 05.95- 08.01	111477	14	90		
Felicia 1.6 GLX	[AEE]	08.95-	111352	14	70	08.95-	111214 12 1.0
	[AEE]	PS 08.95-	111820	14	90		
		PS 08.95-	111878	14	70		
		AC 08.95-	111477	14	90		
Felicia 1.6 LX	[AEE]	PS 08.95-	111820	14	90	08.95-	111214 12 1.0
	[AEE]	08.95-	111352	14	70		
		PS 08.95-	111878	14	70		
		AC 08.95-	111477	14	90		
Felicia 1.9 Diesel	[AEF]	09.96- 06.01	111825	14	70	05.96- 08.01	112236 12 1.8
	[AEF]	09.96-	111676	14	90		
		09.96- 06.01	112710#	14	90		
Forman 1.3	[781135]	12.91- 12.95	110622	14	70	12.91- 06.95	111214 12 1.0
	[OHC]	08.91- 12.95	110622	14	70	08.91- 06.95	112388 12 1.0
	[781 135E]	12.92- 12.95	110622	14	70	09.91- 06.95	111214 12 1.0
	[136B]					01.94- 06.95	111214 12 1.0
Forman 1.3 4WD	[136B]					02.10-	114175 12 1.1
Octavia 1.2 TSI	[CBZB]					04.99-	112388 12 1.0
Octavia 1.4	[AMD]	AC 04.99-	112273	14	70	08.00-	111909 12 1.1
	[AXP]	08.00-	112075	14	70	08.00-	111909 12 1.1
	[BCA]	06.04-	112075	14	70	08.00-	111909 12 1.1
	[BCA]	06.04-	111989	14	90	05.04- 05.06	114034 12 1.0
	[AXP]	AC 08.00-	111989	14	90		
	[BUD]	06.04-	113874	14	110		
Octavia 1.4 16V	[AXP]	AC 09.00-	111989	14	90	09.00-	111909 12 1.1
	[AXP]	09.00-	112075	14	70		
Octavia 1.4 TSI	[CAXA]					11.08-	114163 12 1.1



Octavia 1.6	[AKL]	02.97-	112002	14	120		05.97-	06.98	111748	12	1.1	
	[BFO]	11.00-	113834				11.00-		111909	12	1.1	
	[AEH]	04.97-	111878	14	70		05.98-	08.02	111909	12	1.1	
	[AEE]	06.98-	111989	14	90		02.97-	05.98	111748	12	1.1	
	[AEE]	09.96-	111820	14	90		09.96-		112236	12	1.8	
	[AEE]	09.96-	111857#	14	120		09.96-		111748	12	1.1	
		Chas. 1U-W-113661-	09.96-	09.00	112075	14	70	09.96-	08.02	111909	12	1.1
	[AKL]	06.98-	112075	14	70		06.98-	09.02	111909	12	1.1	
	[AVU]	11.00-	113834				AT 08.00-	08.02	111909	12	1.1	
	[CCSA]	06.04-	113992	14	140		AT 06.04-		113773	12	1.1	
	[BGU]	06.04-	113992	14	140		06.04-		113773	12	1.1	
	[AEE]	09.96-	111878	14	70							
		Chas. 1U-W-113661-	09.96-	09.00	111989	14	90					
		Chas. -1U-W-113660	09.96-		111820	14	90					
		Chas. -1U-W-113660	09.96-		111878	14	70					
		Chas. -1U-W-113660	09.96-		111857#	14	120					
	[AEH]	02.97-	112002	14	120							
		06.98-	112075	14	70							
	[AKL]	06.98-	111989	14	90							
	[AVU]	09.00-	111989	14	90							
	11.00-	112402	14	120								
[BGU]						AT 06.04-		111909	12	1.1		
[BSE]	06.04-	113992	14	140								
[BSF]	06.04-	113992	14	140								
Octavia 1.6 FSI	[BLF]					06.04-		113773	12	1.1		
	[BLF]					AT 06.04-		111909	12	1.1		
						06.04-		114163	12	1.1		
Octavia 1.6	[CCSA]	01.08-	113992	14	140							
Octavia 1.6 TDI	[CAYC]	06.09-	11.09	113992	14	140						
Octavia 1.6 TDI 4x4	[CAYC]	06.09-	113992	14	140							
Octavia 1.8	[AGN]	09.96-	111820	14	90		AT 09.96-	111748	12	1.1		
		09.96-	111878	14	70		09.96-	05.98	111748	12	1.1	
	[AGN]					AT 09.96-		111909	12	1.1		
						05.98-		112005	12	1.1		
Octavia 1.8 20V	[AGN]	07.98-	111820	14	90		AT 05.98-	111909	12	1.1		
		07.98-	111878	14	70		05.98-	112005	12	1.1		
Octavia 1.8 TSI	[BZB]					06.07-		114163	12	1.1		
	[CDAB]					03.09-		114163	12	1.1		
Octavia 1.8 TSI 4x4	[CDAB]					03.09-		113773	12	1.1		
Octavia 1.8 Turbo 20V RS	[AUC]	01.01-	111989	14	90		AT 08.00-	112005	12	1.1		
	[AUC]					5SP 08.00-		112429	12	2.0		
Octavia 1.8 Turbo	[AGU]	03.98-	112075	14	70		05.01-	112429	12	2.0		
	[ARX]	08.97-	111989	14	90		08.97-	114174	12	1.1		
		06.98-	112075	14	70		08.97-	112005	12	1.1		
	[ARZ]	01.00-	07.00	111989	14	90		05.98-	112005	12	1.1	
	[AUM]						08.97-	114174	12	1.1		
	[AGU]	08.97-	111989	14	90		Chas. 1U-W-104431-	08.97-	112005	12	1.1	
		08.97-	112002	14	120		AT 08.97-		111909	12	1.1	
	[AUM]	08.97-	111989	14	90		05.01-	112429	12	2.0		
		08.97-	112002	14	120		AT 08.97-		111909	12	1.1	
		06.98-	112075	14	70		08.97-	112005	12	1.1		
	[AGU]						Chas. -1U-W-094503	03.98-	111748	12	1.1	
							Chas. -1U-W-104430	03.98-	111748	12	1.1	
	[ARX]	08.97-	112002	14	120							
	[ARZ]	01.00-	112075	14	70							
Octavia 1.8 Turbo 4x4	[AGU]	08.00-	09.04	112002	14	120		AT 05.01-	111909	12	1.1	
		08.00-	09.04	112075	14	70		05.01-	112005	12	1.1	
	[ARX]	05.01-	112002	14	120		05.01-	112005	12	1.1		
	[AUM]	05.01-	111989	14	90		AT 05.01-	111909	12	1.1		
		05.01-	112075	14	70		05.01-	112005	12	1.1		
	[AGU]	08.00-	09.04	111989	14	90						
	[ARX]	05.01-	111989	14	90							
		05.01-	112075	14	70							
Octavia 1.8 Turbo RS	[AUM]	05.01-	112002	14	120							
	[AUC]	01.03-	09.04	111989	14	90		01.03-	09.04	112005	12	1.1
	[AUC]	01.03-	09.04	112002	14	120						
		01.03-	09.04	112075	14	70						
Octavia 1.9 SDI	[AGP]						06.97-	112286	12	1.7		
	[AGM]	06.98-	112079	14	90		11.01-	111748	12	1.1		
	[AGM]	06.98-	112002	14	120		06.97-	10.01	112286	12	1.7	
	[AGP]	Chas. 1UW113661-	06.98-	112002	14	120						
		Chas. 1UW113661-	06.98-	112079	14	90						
		Chas. 1UW113661-	06.98-	113340	14	70						
		Chas. -1UW113660										
		Chas. -1UW113660	06.97-	06.98	112543#	14	90					
		Chas. -1UW113660	06.97-	06.98	113341#	14	70					
		[AQM]	06.98-	113340	14	70						
Octavia 1.9 TDI	[AHF]	08.97-	112002	14	120		08.97-	111900	12	1.8		
		08.97-	112079	14	90		AT 08.97-	10.01	112286	12	1.7	
		08.97-	113340	14	70		AT 11.01-		111748	12	1.1	
	[AGR]	07.98-	112002	14	120		AT 11.01-		111748	12	1.1	
		07.98-	112079	14	90		AT 09.96-	10.01	112286	12	1.7	
		07.98-	113340	14	70		09.96-		111900	12	1.8	
	[ALH]	08.00-	112002	14	120		AT 09.96-	10.01	112286	12	1.7	
		08.00-	112079	14	90		08.00-		111900	12	1.8	
		08.00-	113340	14	70		AT 11.01-		111748	12	1.1	
	[ASZ]	01.03-	113340	14	70		01.03-	112429	12	2.0		
	[ASV]	08.00-	112002	14	120		07.98-		111900	12	1.8	
		08.00-	112079	14	90		AT 11.01-		111748	12	1.1	
		08.00-	113340	14	70		AT 07.98-	09.04	112286	12	1.7	
	[BJB]						06.04-		113842	12	1.7	
	[BJB]	05.04-	113992	14	140		AT, 6 Speed	05.04-	113509	12	1.7	
	[BKC]	06.04-	02.06	113992	14	140		06.04-	113842	12	1.7	
	[ASZ]	01.03-	112002	14	120							
		01.03-	112079	14	90							
	[BKC]						AT 11.04-		113509	12	1.7	
							AT, 6 Speed	06.04-	113509	12	1.7	
[BLS]	06.04-	113992	14	140	MI							
[BXE]	03.06-	113992	14	140								
Octavia 1.9 TDI 4x4	[AGR]	08.00-	112002	14	120		AT 11.99-	10.01	112286	12	1.7	
		08.00-	112079	14	90		11.99-		111900	12	1.8	
		08.00-	113340	14	70		AT 11.01-		111748	12	1.1	
	[ATD]	09.00-	112002	14	120		09.00-		111900	12	1.8	
		09.00-	112079	14	90		09.00-		112429	12	2.0	
		09.00-	113340	14	70		6SP 09.00-		112005	12	1.1	
	[BKC]	11.04-	113992	14	140		11.04-		113841	12	1.7	
	[BKC]						AT 11.04-		113509	12	1.7	
						11.04-		113842	12	1.7		
[BLS]	05.06-	113992	14	140								
[BXE]	03.06-	113992	14	140								
Octavia 2.0	[ACY]	04.99-	111989	14	90		AT 04.99-	111909	12	1.1		
		04.99-	112075	14	70		04.99-	112005	12	1.1		
	[AEG]	04.99-	112002	14	120		04.99-	112005	12	1.1		
		04.99-	112075	14	70		AT 04.99-		111909	12	1.1	
	[APK]	04.99-	111989	14	90		AT 04.99-		111909	12	1.1	
		04.99-	112002	14	120		04.99-		112005	12	1.1	
[AZH]	04.99-	111989	14	90		04.99-		112005	12	1.1		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SKODA Continued

Application list

	[AEG]	04.99-	111989	14	90					
		AC 04.99-	111989	14	90					
	[APK]	04.99-	112075	14	70					
	[AOY]	04.99-	112002	14	120					
	[ATF]					01.00-	112005	12	1.1	
	[AZH]	04.99-	112002	14	120					
		04.99-	112075	14	70					
Octavia 2.0 4x4	[AEG]	08.00- 01.05	112002	14	120	AT 08.00- 01.05	111909	12	1.1	
		08.00- 01.05	112075	14	70	08.00- 01.05	112005	12	1.1	
	[AOY]	08.00- 03.02	112002	14	120	AT 08.00- 03.02	111909	12	1.1	
		08.00- 03.02	112075	14	70	08.00- 03.02	112005	12	1.1	
	[AZH]	08.00- 09.04	111989	14	90	08.00- 09.04	112005	12	1.1	
	[AZJ]	03.02- 09.04	112002	14	120	03.02- 09.04	112005	12	1.1	
		03.02- 09.04	112075	14	70	AT 03.02- 09.04	111909	12	1.1	
	[AEG]	08.00- 01.05	111989	14	90					
	[AOY]	08.00- 03.02	111989	14	90					
	[AZH]	08.00- 09.04	112002	14	120					
		08.00- 09.04	112075	14	70					
	[AZJ]	03.02- 09.04	111989	14	90					
Octavia 2.0 RS	[BWA]	10.05-	113992	14	140	01.06-	113773	12	1.1	
	[BWA]					01.06-	110813	12	2.7	
	[CCZA]	01.06-	113992	14	140					
Octavia 2.0 FSi	[BVY]	11.04-	113992	14	140	11.04-	114163	12	1.1	
	[BVZ]	11.04-	113992	14	140	11.04-	114163	12	1.1	
	[BLR]					AT 11.04-	111909	12	1.1	
						11.04-	113773	12	1.1	
	[BLY]					11.04-	113773	12	1.1	
	[BLR]	11.04- 11.05	113992	14	140	11.04- 11.05	114163	12	1.1	
	[BLY]	11.04- 11.05	113992	14	140	11.04- 11.05	114163	12	1.1	
	[BVX]	11.05-	113992	14	140	11.05-	114163	12	1.1	
Octavia 2.0 FSi 4x4	[BLX]	11.04- 11.05	113992	14	140	11.04- 11.05	114163	12	1.1	
	[BLY]	11.04- 11.05	113992	14	140	11.04- 11.05	114163	12	1.1	
	[BVX]	11.05-	113992	14	140	11.05-	114163	12	1.1	
	[BLY]					11.04-	113773	12	1.1	
Octavia 2.0 TDI 16V	[BKD]	06.04-	113992	14	140	06.04-	113841	12	1.7	
	[AZV]	02.04-	113992	14	140	AT 05.04-	113509	12	1.7	
						AT, 6 Speed 06.04-	113509	12	1.7	
						08.04-	113842	12	1.7	
Octavia 2.0 TDI 16V 4x4	[BMM]	05.04-	113992	14	140	5SP 08.04-	113509	12	1.7	
	[BMM]					6SP 07.06-	113841	12	1.7	
Octavia 2.0 TDI	[BMM]	11.05-	113992	14	140	04.06-	113841	12	1.7	
	[BMN]	04.06- 05.08	113992	14	140					
	[CEGA]	04.06-	113992	14	140					
	[CFHF]	03.10-	113992	14	140					
	[CLCA]	03.10-	113992	14	140					
Octavia 2.0 TDI 4x4	[CFHC]	05.10-	113992	14	140					
	[CFHF]					05.11-	113841	12	1.7	
Praktik 1.2 TSi	[CBZA]					03.10-	114034	12	1.0	
Praktik 1.2 TDI	[CFWA]					03.10-	114299	12	1.7	
Roomster 1.2	[BME]	09.06-	113880	14	70					
Roomster 1.4	[BXW]	09.06-	113870	14	70					
		09.06-	112408#	14	90					
		AC 09.06-	112274	14	90					
Roomster 1.4 TDI	[BMS]	09.06-	113840#	14	90	09.06-	113842	12	1.7	
		AC 09.06-	112079	14	90					
	[BNM]	09.06-	113840#	14	90					
		AC 09.06-	112079	14	90					
	[BNV]	09.06-	113840#	14	90					
Roomster 1.6 TDI	[CAYB]	03.10-	113992	14	140	03.10-	114299	12	1.7	
	[CAYC]	03.10-	113992	14	140					
Roomster 1.9 TDI	[AXR]	03.06- 05.06	112079	14	90	03.06- 05.06	112438	12	2.0	
		03.06- 05.06	113340	14	70	03.06- 05.06	113842	12	1.7	
	[BLS]	09.06-	112002	14	120	09.06-	113842	12	1.7	
		09.06-	112079	14	90					
		09.06-	113340	14	70					
Superb 1.4 TSi	[CAXC]					07.08-	114163	12	1.1	
Superb 1.6 TDI	[CAYC]	09.10-	114109	14	180					
Superb 1.8 TSi	[CDAA]					07.08-	114163	12	1.1	
	[CDAB]					03.09-	114163	12	1.1	
	[BZB]					07.08-	114163	12	1.1	
Superb 1.8 TSi 4x4	[CDAB]					03.09-	114163	12	1.1	
	[CDAA]					11.08-	114163	12	1.1	
Superb 1.8 Turbo 20V	[AWT]	02.02-	112399	14	90	Chas. -3U-4-066205 02.02-	112321	12	1.1	
		02.02-	113283	14	120	Chas. -3U-4-066206- 02.02-	114179	12	1.2	
	[AWT]	02.02-	112398	14	70					
Superb 1.9 TDI	[AVB]	02.02-	112397	14	120	02.02-	111694	12	1.8	
	[AVF]	12.01-	112397	14	120	12.01-	111694	12	1.8	
	[AWX]	12.01-	112397	14	120	12.01-	111694	12	1.8	
	[BLS]	07.08-	113992	14	140					
	[BLS BXE]					10.09- 11.10	113842	12	1.7	
	[BXE]	07.08-	113992	14	140					
Superb 2.0	[AZM]	02.02-	112399	14	90	Chas. 3U-4-066206- 02.02-	114179	12	1.2	
		02.02-	113283	14	120	Chas. -3U-4-066205 02.02-	112321	12	1.1	
	[AZM]	02.02-	112398	14	70					
Superb 2.0 TDI 16V 4x4	[CFFB]	11.10-	114109	14	180	11.10-	113509	12	1.7	
Superb 2.0 TDI	[BMP]	03.08-	113992	14	140					
	[CBBB]	07.08-	113992	14	140					
	[CFFB]	03.10-	114109	14	180					
	[CLJA]	02.10-	114109	14	180					
Superb 2.0 TDI 4x4	[CBBB]	09.08-	113992	14	140					
Superb 2.5 TDI	[BDG]	06.03-	113758	14	120	06.03-	111995	12	2.0	
	[AYM]					12.01- 08.03	111995	12	2.0	
	[BDG]	06.03-	113510	14	140					
	[AMX]	12.01-	112399	14	90	12.01-	111769	12	1.4	
Yeti 1.2 TSi	[CBZB]					09.09-	114175	12	1.1	
Yeti 1.4 TSi	[CAXA]					06.10-	114163	12	1.1	
Yeti 1.8 TSi 4x4	[CDAB]					11.09-	113773	12	1.1	
Yeti 2.0 TDI	[CFHA]	11.09-	113992	14	140					
Yeti 2.0 TDI 4x4	[CBDB]	05.09- 11.09	113992	14	140					
	[CEGA]	11.09- 05.10	113992	14	140					
	[CFHA]	11.09-	113992	14	140					
	[CFHC]	05.09-	113992	14	140					
	[CFJA]	11.09-	113992	14	140					
<b>Smart (MCC)</b>										
<b>PASSENGER CARS EU</b>										
Cabrio 0.6		06.02- 01.04	112384	14	75	w/B+, D+, PHIN connection	06.02- 01.04	112380	12	0.8
Cabrio 0.7		01.03- 01.04	112384	14	75	w/B+, D+, PHIN connection	01.03- 01.04	112380	12	0.8
City 0.6	(MCO1)	06.02- 01.04	112384	14	75	w/B+, D+, PHIN connection	06.02- 01.04	112380	12	0.8
City 0.7		01.03- 01.04	112384	14	75	w/B+, D+, PHIN connection	01.03- 01.04	112380	12	0.8
City 0.8 CDI	(450...) [OM660.940]	11.99- 01.04	114040	14	85		11.99- 01.04	114051	12	1.0
Crossblade 0.6		10.02-	112384	14	75	w/B+, D+, PHIN connection	10.02-	112380	12	0.8
Forfour 1.1	(454) [M134.911]						01.06-	114108	12	0.9
							04.04-	114108	12	0.9
Forfour 1.3							04.04-	114108	12	0.9
Forfour 1.5							04.04-	114108	12	0.9
Forfour 1.5 Brabus	(454) [M122.950]						05.05-	114108	12	0.9
Forfour 1.5 Sportsstyle	(454)						01.04-	114108	12	0.9

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Forfour 1.5 CDI	(454)[OM639.939]	09.04-	114406	14	115						
Fortwo 0.7	[160.920]	01.04-	112384	14	75	w/B+, D+, PHIN connection	01.04-	112380	12	0.8	
Fortwo 0.8 CDI	(450...)[OM660.940]	01.04-	112384	14	75	w/B+, D+, PHIN connection	01.04-	112380	12	0.8	
	(451)[OM660.950]	01.04- 03.07	114040	14	85		01.04- 03.07	114051	12	1.0	
	[OM660.951]						01.07-	114051	12	1.0	
							08.09-	114051	12	1.0	
Fortwo 1.0	(451)[M132.910]	A25 01.07-	114045	14	120						
Roadster 0.7	(452, 332)[M160.921]	06.03-	112384	14	75	w/B+, D+, PHIN connection					
		04.03-	112384	14	75	w/B+, D+, PHIN connection	04.03-	112380	12	0.8	
Roadster 0.7 Brabus	[160.923]	12.03-	112384	14	75	w/B+, D+, PHIN connection	12.03-	112380	12	0.8	
		12.03-	112384	14	75	w/B+, D+, PHIN connection	12.03-	112380	12	0.8	
Smart 0.6	(MC01)[M160E6ALB05	Chas. H182875-01.01-	112384	14	75	w/B+, D+, PHIN connection	01.01-	112380	12	0.8	
		Chas. -H182874 01.01-	114025	14	75	w/B+, D+ connection					
	[M160E6ALB03]	Chas. H182875-07.98-	112384	14	75	w/B+, D+, PHIN connection	07.98-	112380	12	0.8	
		Chas. -H182874 07.98-	114025	14	75	w/B+, D+ connection					
	[M160E6ALB04]	Chas. H182875-07.98-	112384	14	75	w/B+, D+, PHIN connection	07.98-	112380	12	0.8	
		Chas. -H182874 07.98-	114025	14	75	w/B+, D+ connection					
	[M160E6ALB05]	Chas. H182875-01.01-	112384	14	75	w/B+, D+, PHIN connection	01.01-	112380	12	0.8	
		Chas. -H182874 01.01-	114025	14	75	w/B+, D+ connection					
	[M160E6ALB03]	Chas. H182875-03.00-	112384	14	75	w/B+, D+, PHIN connection	03.00- 01.04	112380	12	0.8	
		Chas. -H182874 03.00-	114025	14	75	w/B+, D+ connection					
Smart 0.8 CDI	(450...)[OM660.940]	03.01- 01.04	114040	14	85		03.01- 01.04	114051	12	1.0	
<b>Solaris</b>											
<b>TRUCKS EU</b>											
Vacanza 12 12.6	[XE250C]						06.02- 12.06	113934	24	5.5	
Vacanza 12 12.9	[MX300]	10.05-	114089	28	80		10.05-	114073	24	5.5	
	[MX300]	10.05-	114314	28	110						
Vacanza 13 12.9	[MX300]	10.05-	114089	28	80		10.05-	114073	24	5.5	
	[MX300]	10.05-	114314	28	110						
<b>Sole Diesel</b>											
<b>MOTORS</b>											
Mini-33 1.3 Diesel	[Mitsubishi]		112492	14	50						
Mini-44 1.8 Diesel	[Mitsubishi]		112492	14	50						
<b>Ssangyong</b>											
<b>PASSENGER CARS EU</b>											
Korando 2.0 4WD	[M161E20]	07.96- 02.02	112530	14	120		07.96-	111347	12	1.2	
Korando 2.2 Diesel 4WD	[DC23]	12.88- 12.96	112578	14	75						
Korando 2.3	[M161E23]	07.96- 02.02	112530	14	120		07.96-	111347	12	1.2	
		01.99- 02.02	112530	14	120		01.99-	111347	12	1.2	
Korando 2.3 4WD	[M161E23]	07.96- 02.02	112530	14	120		07.96-	111347	12	1.2	
Korando 2.3 Diesel 4WD	[OM601.940]	12.96-	112529	14	90		12.96-	111065	12	2.2	
	[OM601.940]	12.96-	112578	14	75						
Korando 2.9 Diesel	[OM662]	11.97- 01.99	112578	14	75		11.97- 01.99	111065	12	2.2	
	[OM662]	11.97- 01.99	112529	14	90						
Korando 2.9 Diesel 4WD	[OM662]	12.96-	112529	14	90		12.96-	111065	12	2.2	
	[OM662]	12.96-	112578	14	75						
Korando 2.9 TD	[OM662]	04.98-	112578	14	75		04.98-	111065	12	2.2	
		04.98-	112578	14	75						
Korando 3.2	[M104.995]	01.99-	112578	14	75		01.99-	112315			
		06.97-	112578	14	75		07.96-	112315			
Korando 3.2 4WD	[M104.995]	12.96-	112578	14	75		07.96- 12.00	112315			
Musso 2.0 4WD	[E20]	10.96-	112530	14	120		10.96-	111347	12	1.2	
Musso 2.3							04.03-	111347	12	1.2	
Musso 2.3 4WD	[M111.970]	10.96-	112530	14	120		10.96-	111347	12	1.2	
Musso 2.3 Diesel 4WD	[OM601.940]	10.95-	112529	14	90		10.95-	111065	12	2.2	
	[OM661]	10.95-	112529	14	90		10.95-	111065	12	2.2	
	[OM601.940]	10.95-	112578	14	75						
		10.95-	113768	14	95						
	[OM661]	10.95-	112578	14	75						
		10.95-	113768	14	95						
Musso 2.9 Diesel 4WD	[OM662]	03.96-	112529	14	90		03.96-	111065	12	2.2	
	[OM662]	03.96-	112578	14	75						
Musso 2.9 TD		04.98-	112578	14	75		05.97-	111065	12	2.2	
Musso 3.2 4WD	[M104.992]	06.96-	112194	14	120		06.96-	112315			
Rexton 2.7 XDI	[D27TD (OM665.925)]						08.04-	111065	12	2.2	
							08.04-	114270	12	2.2	
	[OM665.925]						03.05- 08.06	114270	12	2.2	
Rexton 2.9 TD	[OM602.962]						09.02-	111065	12	2.2	
							04.02-	114270	12	2.2	
Rodius 2.7 XDI	[D27DT]						05.05-	114270	12	2.2	
Rodius 2.7 XDI 4WD	[D27DT]						05.05-	114270	12	2.2	
Various Models		10.86-	112529	14	90		07.96-	111347	12	1.2	
							07.96-	111065	12	2.2	
<b>PASSENGER CARS AO</b>											
Istana 2.9 Diesel	[OM602.940]						07.96-	111065	12	2.2	
Stavic 270 2.7 SXDI	[D27DT]						02.05-	114270	12	2.2	
Stavic 270 2.7 SXDI 4WD	[D27DT]						02.05-	114270	12	2.2	
<b>TRUCKS EU</b>											
Cargo 14.6	[OM442.]	01.93-	110895	28	55		01.93-	110550	24	4.0	
							01.93-	110210	24	6.6	
Mixer 69T 14.6	[OM442.]	01.93-	110895	28	55		01.93-	110210	24	6.6	
							01.93-	110550	24	4.0	
<b>Steiner</b>											
<b>AGRICULTURE</b>											
Z30	[Kubota]		113856	14	40						
<b>Sterling</b>											
<b>PASSENGER CARS US</b>											
825 2.5 S		01.87- 01.88	110680	14	70		01.87- 01.88	111546	12	1.6	
825 2.5 SL		01.87- 01.88	110680	14	70		01.87- 01.88	111546	12	1.6	
827 2.7		01.90-	110680	14	70						
827 2.7 S		01.89- 01.91	110680	14	70		01.89- 01.91	111546	12	1.6	
827 2.7 SL		01.89- 01.91	110680	14	70		01.89- 01.91	111546	12	1.6	
827 2.7 SLI		01.89- 01.91	110680	14	70		01.89- 01.91	111546	12	1.6	
<b>TRUCKS US</b>											
Various Models 11.9 ISX	[Cummins]		114359	14	170			114148	12	7.2	
Various Models 5.9	[Cummins]						01.99- 01.07	113682#	12	3.3	
Various Models	[MBE900]						01.01-	114500	12	4.6	
<b>Steyr</b>											
<b>TRUCKS EU</b>											
590.110 6.0	[WD610.00]	01.75- 12.82	112098	14	65						
	[WD610.01]	01.69- 12.82	112098	14	65						
	[WD610.19]	01.75- 12.82	112098	14	65						
690.110 6.0	[WD610.01]	01.69- 12.82	112098	14	65						
790.132 6.0	[WD610.00]	01.69- 12.79	112098	14	65						
	[WD610.19]	01.69- 12.79	112098	14	65						
790.150 6.0	[WD610.60]	01.71- 12.79	112098	14	65						
	[WD610.69]	01.71- 12.79	112098	14	65						
	[WD610.70]	01.71- 12.79	112098	14	65						
890.132 6.0	[WD610.00]	01.68- 12.79	112098	14	65						
	[WD610.19]	01.68- 12.79	112098	14	65						
890.150 6.0	[WD610.60]	01.68- 12.79	110766	28	27						
	[WD610.69]	01.68- 12.79	110766	28	27						
	[WD610.70]	01.68- 12.79	110766	28	27						
990.180 8.1	[WD614.01]	01.68- 12.78	110766	28	27		01.68- 12.78	110601	24	5.4	
		01.68- 12.78	112098	14	65						
	[WD614.20]	01.68- 12.78	110766	28	27		01.68- 12.78	110601	24	5.4	





Application list

STEYR Continued

991.200 9.7	[WD615..]					05.78- 12.87	110601	24	5.4
	[WD615.00]						110601	24	5.4
	[WD615.20]						110601	24	5.4
1290.320 12.0	[WD815.60]	01.71- 12.78	110766	28	27	01.71- 12.78	110208	24	5.4
	[WD815.70]	01.71- 12.78	110766	28	27				
1291.260 9.7	[WD615..]					05.78- 12.82	110601	24	5.4
	[WD615.60]						110601	24	5.4
	[WD615.61]						110601	24	5.4
	[WD615.70]						110601	24	5.4
	[WD615.71]						110601	24	5.4
1490.320 12.0	[WD815.60]	01.71- 12.78	110766	28	27	01.71- 12.78	110208	24	5.4
	[WD815.70]	01.71- 12.78	110766	28	27	01.72- 12.78	110208	24	5.4
1491.260 9.7	[WD615..]					05.78- 12.82	110601	24	5.4
	[WD615.61]						110601	24	5.4
	[WD615.70]						110601	24	5.4
	[WD615.71]						110601	24	5.4
1491.280 9.7	[WD615.65]						110533	24	5.4
	[WD615.67]						110533	24	5.4
	[WD615.69]						110533	24	5.4
	[WD615.75]						110533	24	5.4
	[WD615.77]						110533	24	5.4
1890.320 12.0		01.75- 12.79	110766	28	27				
10 S 14 6.6	[WD 612..]					04.86-	110527	24	4.0
10 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
11 S 14 6.6	[WD 612..]					07.89-	110527	24	4.0
11 S 18 6.6	[WD 612..]					07.89-	110527	24	4.0
12 M 18 6.6	[WD 612..]	09.86-	110117	28	40				
12 S 14 6.6	[WD 612..]					04.86-	110527	24	4.0
12 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
12 S 21 6.6	[WD 612..]					04.86-	110527	24	4.0
1290.230 1290.240 8.1	[WD614.60]	01.68- 12.78	110766	28	27				
	[WD614.69]	01.68- 12.78	110766	28	27				
	[WD614.79]	01.68- 12.78	110766	28	27				
13 S 14 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
13 S 18 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
13 S 21 6.6	[WD 612..]	07.89-	112288	28	55	09.88-	110527	24	4.0
13 S 23 6.6	[WD 612..]	07.89-	112288	28	55				
14 S 14 6.6	[WD 612..]	06.86-	112288	28	55	04.86-	110527	24	4.0
14 S 18 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
14 S 21 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 14 6.6	[WD 612..]	04.86-	112288	28	55				
15 S 18 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 21 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 23 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
16 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
16 S 21 6.6	[WD 612..]					04.86-	110527	24	4.0
16 S 23 6.6	[WD 612..]	04.86-	112288	28	55				
17 S 18 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
17 S 21 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
17 S 23 6.6	[WD 612..]	09.88-	112288	28	55				
19 S 24 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
19 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
19 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
19 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87-	110550	24	4.0
						10.87- 06.96	110208	24	5.4
19 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
						10.87-	110550	24	4.0
19 S 39 12.0	[WD 815..]	05.90- 06.96	112288	28	55	05.90-	110550	24	4.0
						05.90- 06.96	110208	24	5.4
22 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
22 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
22 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
						10.87- 06.96	110550	24	4.0
22 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
						10.87-	110550	24	4.0
26 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
26 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
26 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87-	110550	24	4.0
						10.87- 06.96	110208	24	5.4
26 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87-	110550	24	4.0
						10.87- 06.96	110208	24	5.4
32 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
32 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
32 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
						10.87-	110550	24	4.0
32 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87-	110550	24	4.0
						10.87- 06.96	110208	24	5.4
33 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
33 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
						10.87-	110550	24	4.0
40 S 31 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
40 S 34 12.0	[WD 815..]	01.88- 06.96	112288	28	55	01.88-	110550	24	4.0
						01.88- 06.96	110208	24	5.4
40 S 37 12.0	[WD 815..]	01.88- 06.96	112288	28	55	01.88-	110550	24	4.0
						01.88-	114435	24	7.5
Various Models									
<b>AGRICULTURE</b>									
8050 2.6	[WD 311..]	09.86-	113469	14	33				
8060 2.6	[WD 311..]	09.80- 02.87	113469	14	33				
8065 2.6	[WD 311..]	09.86- 09.94	113469	14	33				
8070 3.5	[WD 411..]	01.80- 09.94	113469	14	33	01.80-	111001	12	3.0
8075 3.5	[WD 411..]	01.84- 09.94	113469	14	33	01.84-	111001	12	3.0
8080 3.5	[WD 411..]	01.80- 09.94	113469	14	33	01.80-	111001	12	3.0
8085 3.5	[WD 411..]					02.90-	111001	12	3.0
8090 3.5	[WD 411..]	01.84- 04.94	113469	14	33	01.84-	111001	12	3.0
8110 5.2	[WD 611..]	07.84- 09.94	113469	14	33	12.78-	111001	12	3.0
8130 5.2	[WD 611..]	07.84- 09.94	113469	14	33	10.84-	111001	12	3.0
8150 6.6	[WD 612..]	12.82- 09.94	113469	14	33				
8300 9.7	[WD615..]					02.82- 04.87	110601	24	5.4
Subaru									
<b>PASSENGER CARS EU</b>									
1800 XT 1.8 Turbo 4WD	[EA82]	11.84- 12.90	111612			11.84- 12.90	110295#	12	1.0
Forester 2.0	[EJ20]	09.02-	114214	14	80	06.98-	111552	12	1.0
		06.98- 09.02	113634	14	90	AT 06.98-	111451	12	1.4
		01.08-	114214	14	80				
Forester 2.0 4WD	[EJ20]	08.97-	112031#	14	75	08.97-	111552	12	1.0
						AT 08.97-	111451	12	1.4
Forester 2.0 Turbo S	[EJ20S]	04.01- 09.02	113634	14	90	07.98-	111552	12	1.0
	[EJ20]	06.98- 04.01	113634	14	90	06.98-	111552	12	1.0
	[EJ20]	09.02-	114214	14	80	AT 06.98-	111451	12	1.4
	[EJ20S]					AT 07.98-	111451	12	1.4
Forester 2.5	[EJ25]	12.03-	114214	14	80				
Forester 2.5 4x4		07.97- 05.02	114214	14	80				
Forester 2.5 Turbo 4x4		09.98- 05.02	114214	14	80				
Impreza 1.5	[EJ154]	02.08-	114214	14	80				
		05.06-	114214	14	80				
Impreza 1.5 4x4	[EJ154]	02.08-	114214	14	80				



Impreza 1.6	[EJ16]	12.00-	113634	14	90	12.00-	06.01	111552	12	1.0			
	[EJ16E]	12.96-	12.00	113634	14	90		12.96-	111552	12	1.0		
		12.96-	08.98	112031#	14	75		AT 12.96-	110295#	12	1.0		
		06.01-	09.06	114214	14	80							
Impreza 1.6 4WD	[EJ16E]	12.96-	12.00	113634	14	90		12.96-	111552	12	1.0		
		12.96-	08.98	112031#	14	75		AT 12.96-	110295#	12	1.0		
Impreza 1.6 i	[EJ16]	08.92-	112031#	14	75		08.92-	12.00	111552	12	1.0		
	[EJ16]	06.98-	12.00	113634	14	90		AT 08.92-	110295#	12	1.0		
Impreza 1.6 i 4WD	[EJ16]	08.92-	112031#	14	75		08.92-	12.00	111552	12	1.0		
	[EJ16]	06.98-	12.00	113634	14	90		AT 08.92-	110295#	12	1.0		
Impreza 1.8 i 4WD	[EJ18]	08.92-	12.00	113315	14	85		08.92-	111552	12	1.0		
		08.92-	112031#	14	75			AT 08.92-	111451	12	1.4		
Impreza 2.0	[EJ20]	12.00-	113634	14	90		12.00-	111552	12	1.0			
								AT 12.00-	111451	12	1.4		
Impreza 2.0 4WD	[EJ20]	12.95-	12.00	113634	14	90		AT 12.95-	111451	12	1.4		
		12.95-	07.98	112031#	14	75		12.95-	111552	12	1.0		
Impreza 2.0 16V AWD	[EJ20]	06.98-	12.00	113634	14	90		06.98-	12.00	111552	12	1.0	
	[EJ20]	03.94-	12.00	113634	14	90		AT 03.94-	111451	12	1.4		
Impreza 2.0 i Turbo GT 4WD		03.94-	07.98	112031#	14	75		03.94-	111552	12	1.0		
	[EJ207]	11.01-	113634	14	90		11.01-	111552	12	1.0			
Impreza 2.0 i Turbo 4WD	[EJ20]	03.94-	12.00	113634	14	90		03.94-	111552	12	1.0		
		03.94-	07.98	112031#	14	75		AT 03.94-	111451	12	1.4		
Impreza 2.0 i 4WD	[EJ20]	10.95-	12.00	113634	14	90		10.95-	12.00	111552	12	1.0	
		10.95-	07.98	112031#	14	75		AT 10.95-	12.00	111451	12	1.4	
Impreza 2.0 Turbo	[EJ205]	12.00-	113634	14	90		AT 07.01-	111451	12	1.4			
Impreza 2.0 Turbo 4WD	[EJ20G]	12.96-	07.98	112031#	14	75		12.93-	07.98	111552	12	1.0	
Impreza 2.0 Turbo GT 4WD	[EJ205]	06.98-	12.00	113634	14	90		06.98-	12.00	111552	12	1.0	
Impreza 2.0 Turbo WRX	[EJ20T]	06.98-	12.00	113634	14	90		06.98-	12.00	111552	12	1.0	
	[EJ205]	12.00-	113634	14	90			AT 07.01-	111451	12	1.4		
Impreza 2.0 Turbo WRX 4WD		12.02-	114214	14	80								
Justy 1.0 1000	[EF10]	10.84-	05.89	110696#	14	45		11.84-	06.89	111182	12	0.8	
	[EF10]	01.89-	111535	14	55								
Justy 1.0 1000 4WD	[EF10]	11.84-	05.89	110696#	14	45		11.84-	12.90	111182	12	0.8	
	[EF10]	01.89-	111535	14	55								
Justy 1.2 1200	[EF12]	08.86-	05.89	110696#	14	45		10.86-	12.90	111182	12	0.8	
	[EF12]	01.89-	10.95	111535	14	55		10.90-	111560#	12	0.8		
Justy 1.2 1200 4WD	[EF12]	01.89-	10.95	111535	14	55		05.87-	111182	12	0.8		
	[EF12]	05.87-	05.89	110696#	14	45							
Justy 1.3		09.03-	114023	14	70								
Justy 1.3 4WD GX	[EF13]						10.96-	111310	12	0.8			
Justy 1.5	[M15A]	09.03-	114023	14	70								
Lagacy 2.0	[EJ20]	12.98-	08.03	113634	14	90		12.98-	111552	12	1.0		
								AT 12.98-	111451	12	1.4		
Lagacy 2.5	[EJ25]	12.98-	08.03	113634	14	90		AT 12.98-	111451	12	1.4		
								12.98-	111552	12	1.0		
Lagacy 1.8 1800	[EJ18SPI]							AT 01.89-	01.90	111451	12	1.4	
								01.89-	07.94	111552	12	1.0	
Lagacy 1.8 1800 4WD	[EJ18SPI]	01.89-	07.94	111611	14	70		AT 02.90-	07.94	111454	12	1.4	
	[EJ18]	01.89-	07.94	111611	14	70		AT 02.90-	07.94	111454	12	1.4	
Lagacy 2.0	[EJ18]							AT 01.89-	01.90	111451	12	1.4	
								01.89-	07.94	111552	12	1.0	
Lagacy 2.0	[EJ20]	04.99-	08.03	113634	14	90		AT 04.99-	111451	12	1.4		
								04.99-	111552	12	1.0		
Lagacy 2.0 2000	[EJ20EMPI]	09.91-	12.93	111611	14	70		AT 05.92-	12.93	111451	12	1.4	
	[EJ20EMPI]							05.92-	12.93	111552	12	1.0	
Lagacy 2.0 2000 4WD	[EJ20]	05.92-	111611	14	70			AT 05.92-	111454	12	1.4		
	[EJ20]							05.92-	111552	12	1.0		
Lagacy 2.0 i	[EJ20E]	09.94-	113315	14	85			AT 09.94-	111454	12	1.4		
		09.94-	112031#	14	75			09.94-	111552	12	1.0		
	[EJ20EMPI]	09.94-	113315	14	85			09.94-	111552	12	1.0		
		09.94-	112031#	14	75			AT 09.94-	111454	12	1.4		
Lagacy 2.0 i 4WD	[EJ20]	09.94-	113315	14	85			AT 09.94-	111454	12	1.4		
		09.94-	112031#	14	75			09.94-	111552	12	1.0		
Lagacy 2.0 Turbo 2000 4WD	[EJ20]							AT 01.94-	08.98	111451	12	1.4	
	[EJ20-GN]	05.92-	111611	14	70			05.92-	12.93	111552	12	1.0	
Lagacy 2.2 2200 4WD	[EJ22]							AT 02.90-	111454	12	1.4		
Lagacy 2.2 1	[EJ22]	01.89-	111611	14	70			01.89-	111552	12	1.0		
	[EJ22]	09.94-	113315	14	85			AT 01.89-	01.90	111451	12	1.4	
Lagacy 2.2 i 4WD	[EJ22]	09.94-	112031#	14	75			AT 01.94-	05.97	111451	12	1.4	
		09.94-	113315	14	85			09.94-	111552	12	1.0		
Lagacy 2.5	[EJ22]	06.96-	113315	14	85			AT 01.94-	05.97	111451	12	1.4	
	[EJ25D]	06.96-	113315	14	85			01.94-	05.96	111552	12	1.0	
Lagacy 2.5 i 4WD	[EJ25]	10.98-	08.03	113634	14	90		06.96-	08.98	111451	12	1.4	
	[EJ25D]	06.96-	113315	14	85			06.96-	11.98	111451	12	1.4	
Lagacy 3.0	[E230]							09.03-	111454	12	1.4		
Lagacy 3.0 H6								10.00-	111451	12	1.4		
Leone 1.3 1300	[EA65]	03.79-	10.84	110129	14	50							
		11.84-	09.91	110703	14	55							
	PS	11.84-	09.91	110267	14	55							
Leone 1.6 1600	[EA71]	03.79-	10.84	110129	14	50							
		11.84-	09.91	110703	14	55							
	PS	11.84-	09.91	110267	14	55							
Leone 1.8 1800 4WD	[EA81]	09.80-	10.84	110703	14	55		09.80-	10.84	110295#	12	1.0	
	[EA82]	12.86-	07.91	110267	14	55		11.84-	07.91	110295#	12	1.0	
		PS	11.84-	12.90	110267	14	55		AT 11.84-	07.91	111451	12	1.4
	[EA81]	09.80-	10.84	110129	14	50							
[EA82]	11.84-	12.90	110703	14	55								
Leone 1.8 1800 Super 4WD	[EA81]	09.80-	10.84	110129	14	50		09.80-	10.84	110295#	12	1.0	
	[EA81]	09.80-	10.84	110703	14	55							
Leone 1.8 1800 Turismo 4WD	[EA81]							09.80-	10.84	110295#	12	1.0	
	[EA81]	09.80-	10.84	110703	14	55							
Leone 1.8 Turbo 1800 4WD	[EA82]	11.84-	12.90	110267	14	55		11.84-	12.90	110295#	12	1.0	
		03.89-	12.90	110703	14	55		AT 11.84-	12.90	111451	12	1.4	
	PS	03.89-	12.90	110267	14	55							
Leone 1.8 Turbo 1800 Super 4WD	[EA82]	11.84-	12.90	110703	14	55		11.84-	12.90	110295#	12	1.0	
		PS	11.84-	12.90	110267	14	55		AT 11.84-	12.90	111451	12	1.4
Libero 1.0 4WD	[EF10]	01.83-	12.87	110696#	14	45		01.83-	12.87	111560#	12	0.8	
Libero 1.2 4WD	[EF12]	08.86-	110696#	14	45			08.86-	111560#	12	0.8		
Libero 1.2 i 4WD	[EF12]							08.91-	02.00	111560#	12	0.8	
Outback 2.5	[EJ25]	10.00-	08.03	113634	14	90							
Rex 0.5 550	[EK23]	08.81-	06.87	110385	14	40		08.81-	09.85	111560#	12	0.8	
Rex 0.5 550 4WD								10.85-	06.87	111182	12	0.8	
	[EK23]	08.83-	06.87	110385	14	40		10.85-	06.87	111182	12	0.8	
Rex 0.5 Turbo 550								08.83-	09.85	111560#	12	0.8	
								07.84-	09.85	111560#	12	0.8	
Rex 0.7 700								10.85-					





Legacy 2.2 L		01.95- 01.98	112979#	14	85	01.90- 01.98	111552	12	1.0
		01.90- 01.94	111611	14	70	01.90- 01.94	111451	12	1.4
						01.90- 01.98	111454	12	1.4
Legacy 2.2 L 4X4		01.92- 01.93	111611	14	70	01.92- 01.93	111552	12	1.0
						01.92- 01.93	111454	12	1.4
Legacy 2.2 L Alpine		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
						01.94- 01.94	111454	12	1.4
Legacy 2.2 L Outdoor		01.94- 01.94	111611	14	70	01.94- 01.94	111454	12	1.4
						01.94- 01.94	111552	12	1.0
Legacy 2.2 L Sunsport		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
						01.94- 01.94	111454	12	1.4
Legacy 2.2 LS		01.95- 01.96	112979#	14	85	01.90- 01.96	111454	12	1.4
		01.90- 01.94	111611	14	70	01.90- 01.96	111552	12	1.0
						01.90- 01.94	111451	12	1.4
Legacy 2.2 LS 4X4		01.92- 01.93	111611	14	70	01.92- 01.93	111552	12	1.0
						01.92- 01.93	111454	12	1.4
Legacy 2.2 LS SP		01.91- 01.93	111611	14	70	01.91- 01.93	111552	12	1.0
						01.91- 01.93	111454	12	1.4
Legacy 2.2 LSI		01.91- 01.95	111611	14	70	01.91- 01.95	111454	12	1.4
						01.91- 01.95	111552	12	1.0
Legacy 2.2 Outback		01.95- 01.96	112979#	14	85	01.95- 01.96	111552	12	1.0
						01.95- 01.96	111454	12	1.4
Legacy 2.2 Postal		01.95- 01.98	112979#	14	85	01.95- 01.98	111552	12	1.0
						01.95- 01.98	111454	12	1.4
Legacy 2.2 Turbo 4WD		01.92- 01.92	111611	14	70	01.92- 01.92	111552	12	1.0
						01.92- 01.92	111454	12	1.4
Legacy 2.2 Turbo Sport		01.91- 01.94	111611	14	70	01.91- 01.94	111454	12	1.4
						01.91- 01.94	111552	12	1.0
Legacy 2.5	[EJ251]	01.00- 01.00	113634	14	90	01.00- 01.00	111552	12	1.0
	[EJ252]	01.00- 01.00	113634	14	90	01.00- 01.00	111454	12	1.4
	[EJ253]	01.01- 01.03	113634	14	90	01.01- 01.03	111552	12	1.0
	[EJ25D]	01.99- 01.99	112979#	14	85	01.01- 01.03	111454	12	1.4
						01.99- 01.99	111552	12	1.0
						01.99- 01.99	111454	12	1.4
Legacy 2.5 GT		01.96- 01.98	112979#	14	85	01.96- 01.98	111454	12	1.4
						01.96- 01.98	111552	12	1.0
Legacy 2.5 Limited		01.97- 01.98	112979#	14	85	01.97- 01.98	111454	12	1.4
						01.97- 01.98	111552	12	1.0
Legacy 2.5 LSI		01.96- 01.97	112979#	14	85	01.96- 01.97	111552	12	1.0
						01.96- 01.97	111454	12	1.4
Legacy 2.5 OUTBACK	[EJ25D]	01.99- 01.99	112979#	14	85	01.99- 01.99	111552	12	1.0
		01.96- 01.98	112979#	14	85	01.99- 01.99	111454	12	1.4
						01.96- 01.98	111454	12	1.4
						01.96- 01.98	111552	12	1.0
Loyale 1.8						01.90- 01.94	111451	12	1.4
						01.90- 01.94	110295#	12	1.0
Loyale 1.8 RS						01.90- 01.90	111451	12	1.4
						01.90- 01.90	110295#	12	1.0
Loyale 1.8 Turbo						01.90- 01.90	111451	12	1.4
						01.90- 01.90	110295#	12	1.0
Loyale 1.8 Turbo RS						01.90- 01.90	110295#	12	1.0
						01.90- 01.90	111451	12	1.4
Outback 2.5	[EJ253]	01.01- 01.03	113634	14	90	01.01- 01.03	111454	12	1.4
						01.01- 01.03	111552	12	1.0
Outback 3.0	[EZ30D]					01.01- 01.03	111454	12	1.4
RX 1.8 Turbo						01.86- 01.89	111451	12	1.4
Standard 1.4						01.76- 01.76	110153	12	0.8
Standard 1.6		01.82- 01.87	110267	14	55	01.82- 01.87	110295#	12	1.0
						01.77- 01.81	110153	12	0.8
Standard 1.8						01.81- 01.87	111451	12	1.4
						01.81- 01.87	110295#	12	1.0
Star 1.3		01.72- 01.72	110128	14	35				
SVX 3.3 4WD						01.94- 01.94	111451	12	1.4
SVX 3.3 L						01.94- 01.97	111451	12	1.4
SVX 3.3 LS						01.92- 01.95	111451	12	1.4
SVX 3.3 LSI						01.94- 01.97	111451	12	1.4
SVX 3.3 LSL						01.92- 01.94	111451	12	1.4
XT 1.8 DL		01.85- 01.88	111612			01.85- 01.88	111451	12	1.4
						01.85- 01.88	110295#	12	1.0
XT 1.8 GL		01.85- 01.91	111612			01.85- 01.91	110295#	12	1.0
						01.85- 01.91	111451	12	1.4
XT 1.8 GL-10		01.87- 01.87	111612			01.87- 01.87	110295#	12	1.0
						01.87- 01.87	111451	12	1.4
XT 1.8 Turbo GL		01.87- 01.87	111612			01.87- 01.87	110295#	12	1.0
						01.87- 01.87	111451	12	1.4
XT 1.8 Turbo GL-10		01.85- 01.87	111612			01.85- 01.87	110295#	12	1.0
						01.85- 01.87	111451	12	1.4
XT 6 2.7						01.89- 01.91	110295#	12	1.0
						01.89- 01.91	111451	12	1.4
<b>PASSENGER CARS AO</b>									
1800 1.8 Turbo	[EA82]	11.85- 07.90	111612						
Forester 2.5 RX Nato 4WD						11.02- 08.05	111451	12	1.4
Impreza 2.0		09.98- 09.00	113634	14	90				
Impreza 2.0 4WD	[EJ205P]	10.05- 09.00	114214	14	80				
		09.98- 09.00	113634	14	90				
Impreza 2.0 WRX STI 4WD		10.05- 09.00	114214	14	80				
Impreza 2.0 WRX STI 4WD		10.05- 09.00	114214	14	80				
Impreza 2.2 GX 4WD		11.95- 09.00	113634	14	90				
Legacy 1.6	[EJ16]					05.90-	111552	12	1.0
<b>MOTORS</b>									
Various Models							112659	12	1.0
							113494#	12	0.6
<b>Sumitomo</b>									
<b>FORK LIFTS</b>									
Various Models			111495	14	40		111005	12	0.8
<b>Suzuki</b>									
<b>PASSENGER CARS EU</b>									
Alto 0.8	(SB308 CA)[F8B]	01.86- 11.93	110385	14	40	01.86- 11.93	111561	12	0.6
	(SS80E)[F8B]					06.82- 12.85	110294	12	0.8
Alto 1.0	(EP)[G10B]	09.94-	111279	14	50	09.94-	111696	12	1.2
						09.94-	111310	12	0.8
Alto 1.1		06.02-	111779	14	70	06.02-	111310	12	0.8
Baleno 1.3	(EG)[J13BA]	09.96-	111779	14	70	09.96-	111310	12	0.8
Baleno 1.3 16V	[G13BB]	03.97-	111779	14	70	03.97-	111310	12	0.8
Baleno 1.3 i 16V	[G13B]	04.95-	111779	14	70	07.95-	111310	12	0.8
Baleno 1.6 i 16V	[G16B]	07.95-	111779	14	70	07.95-	111310	12	0.8
		07.95-	111950	14	85	07.95-	111696	12	1.2
Baleno 1.6 i 16V 4WD	[G16B]	04.95-	111779	14	70	07.95-	111310	12	0.8
						07.95-	111696	12	1.2
Baleno 1.8 GT	(EG)[J18A]	03.96-	111779	14	70	03.96-	111696	12	1.2
	[J18A]	03.96-	111779	14	70	03.96-	111696	12	1.2
Baleno 1.8 i 16V	[J18A]	08.96-	111779	14	70	08.96-	111696	12	1.2
Baleno 1.9 TD	(EG)[XUD9]	04.98-	113485	14	80	04.98-	111696	12	1.2
	[XUD9]	04.98-	113485	14	80	04.98-	111696	12	1.2
Carry 0.8	(ST90V)[F8A]	11.80- 10.85	110258	14	35	04.78- 11.87	110402	12	0.6
Carry 1.0	(ED)[F10A]	10.85- 03.99	110385	14	40	10.85- 03.99	111385	12	0.6
						10.85- 03.99	110402	12	0.6

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

SUZUKI Continued

Grand Vitara 1.6	[G16B]	03.98-	111779	14	70	03.98-	110394	12	0.85
			03.98-	113322	14				
Grand Vitara 2.0	[M16A]	10.05-	111779	14	70	03.98-	110394	12	0.85
	[J20A]	10.05-	111779	14	70				
Grand Vitara 2.0 4x4	(FT, GT)[J20A]	04.98- 08.05	111779	14	70	04.98- 08.05	112300	12	1.4
Grand Vitara 2.0 HDi	[RHW]	07.01-	112461	14	150	11.00- 12.05	114061	12	2.0
	[RHZ]								
Grand Vitara 2.0 TD Intercooler	[RF]	03.98-	112332	14	70	03.98-	110389	12	2.2
Grand Vitara 2.5 V6 24V	(FT, GT)[H25A]					08.04-	112300	12	1.4
Grand Vitara 2.7 V6	[H27A]					09.01-	112300	12	1.4
Ignis 1.3	(FH)[M13A]	10.00- 09.03	111779	14	70				
Ignis 1.3 4WD	(FH)[M13A]	10.00- 09.03	111779	14	70				
Ignis 1.3 4x4	[M13A]	09.03-	114023	14	70				
Ignis 1.3 DDIS	[Z13DT]	09.03-	113720	14	75	09.03-	113843	12	1.1
		09.03-	113722	14	90				
Ignis 1.5	(FH)[M15A]	08.03- 12.05	114215	14	75				
	[M15A]	09.03-	114023	14	70				
Ignis 1.5 4WD	[M15A]	09.03-	114215	14	75				
		09.03-	114023	14	70				
Ignis 1.5 Sport	(FH)[M15A]	12.03-	114215	14	75				
Jimny 1.3 16V	(FJ)[M13A]	02.01-	113322	14	60	02.01-	110394	12	0.85
	[G13BB]	09.98-	111779	14	70				
Jimny 1.3 16V 4WD	(FJ)[M13A]	02.01-	111779	14	70	02.01-	110394	12	0.85
		02.01-	113322	14	60				
		08.05-	114215	14	75				
	[G13BB]	09.98-	111779	14	70	09.98-	110394	12	0.85
Jimny 1.5 DDIS 4WD	(FJ)[K9K]					08.05-	113897	12	1.4
	[K9K700]	12.03- 08.05	114207	14	100				
Liana 1.3	(ER)[M13A]	07.01-	111779	14	70				
		07.01-	113322	14	60				
		07.01-	114215	14	75				
	[M13A]	03.02-	111779	14	70				
		03.02-	113322	14	60				
Liana 1.4 DDIS	(ER)[8HY]	03.05-	113755	14	150				
Liana 1.6	(ER)[M16A]	07.01-	111779	14	70				
		07.01-	113322	14	60				
		07.01-	114215	14	75				
	[M16A]	03.02-	111779	14	70				
		03.02-	113322	14	60				
		03.02-	114215	14	75				
Liana 1.6 4WD	(ER)[M16A]	07.01-	111779	14	70				
		07.01-	113322	14	60				
		07.01-	114215	14	75				
	[M16A]	03.02-	111779	14	70				
		03.02-	113322	14	60				
		03.02-	114215	14	75				
LJ 80 0.8 4WD	[F8A]	01.80- 01.84	110258	14	35	10.77- 10.82	110421	12	0.8
Samurai 1.0	(SJ410)[F10A]					11.88-	111475	12	0.8
Samurai 1.3	(SJ413)[G13A]	11.88-	110965	14	50	11.88-	110394	12	0.85
	[G13BA]	11.88-	110965	14	50	11.88-	110394	12	0.85
Samurai 1.9 TD	(SJ)[XUD9]	11.98-	112292	14	70	11.98-	113481	12	1.4
SJ 410 1.0 4WD	(SJ410)[F10A]	09.81- 12.88	110137	14	30	01.81- 03.87	110421	12	0.8
		09.87- 12.88	110385	14	40	01.87- 12.88	111475	12	0.8
						09.81- 03.87	110150		
SJ 413 1.3	(SJ413)[G13A]	09.84- 08.90	110965	14	50	09.84- 08.90	110394	12	0.85
		09.84- 08.90	111606#	14	60				
Splash 1.0		01.08-	114247	14	75				
Splash 1.2	[K12B]	01.08-	114247	14	75				
Splash 1.2 VVT	[K12B]	06.11-	114247	14	75				
Splash 1.3 CDTI	[Z13DTJ]	01.08-	113722	14	90				
Swift 1.0	(SA310,AA41,43)[G10]	10.83- 03.89	110965	14	50	AT 10.83- 03.89	111696	12	1.2
						10.83- 03.89	111310	12	0.8
	[G10A]	10.84- 03.89	110965	14	50	10.84- 03.89	111310	12	0.8
						AT 10.83- 03.89	111696	12	1.2
	(SF310,AA44)[G10A]	03.89-	110967	14	55	AT 03.89-	111696	12	1.2
						03.89-	111310	12	0.8
Swift 1.0 i	(SF310,AA44)[G10A]	03.89- 12.91	110967	14	55	03.89- 12.91	111310	12	0.8
Swift 1.0 Turbo	(SA310)	02.85- 12.89	110965	14	50				
Swift 1.3	(SA413,AA51)[G13A]	10.84- 03.89	110965	14	50	AT 10.84- 03.89	111696	12	1.2
		10.84- 03.89	111606#	14	60	10.84- 03.89	111310	12	0.8
	(SA413,AA51,AA53)[G13A]	10.84- 03.89	110965	14	50	AT 10.84- 03.89	111696	12	1.2
		10.84- 03.89	111606#	14	60	10.84- 03.89	111310	12	0.8
	(SA413,AA53)[G13A]	08.86- 03.89	110965	14	50	08.86- 03.89	111310	12	0.8
		08.86- 03.89	111606#	14	60				
	(SF413)[G13A]	03.89- 12.91	110967	14	55				
	(SF413,AB35)[G13A]	03.89- 12.91	110967	14	55	03.89- 12.91	111696	12	1.2
						03.89- 12.91	111310	12	0.8
	(SF413,AH35)[G13A]	03.89-	110967	14	55	03.89- 12.91	111310	12	0.8
					03.89-	111696	12	1.2	
(SF413,AK35)[G13B]	09.91-	110967	14	55	03.89-	111310	12	0.8	
					09.91-	111696	12	1.2	
	(SG)[M13A]	Chas. 00500001- 02.05-	114247	14	75	09.91-	111310	12	0.8
		Chas. -00500000 02.05-	114245	14	75				
Swift 1.3 4WD	(SF413,AA35)[G13A]	03.89-	110967	14	55	01.90- 12.91	111310	12	0.8
	(SF413,AF35)[G13A]	10.89- 12.91	110967	14	55	10.89- 12.91	111310	12	0.8
	(SG)[M13A]	01.06-	114215	14	75				
Swift 1.3 GTI	(SA413,AA33)[G13B]	08.86- 03.89	111279	14	50	08.86- 03.89	111310	12	0.8
						08.86- 03.89	111696	12	1.2
	(SF413,AA34)[G13B]	03.89- 05.01	110967	14	55	03.89-	111310	12	0.8
						03.89-	111696	12	1.2
Swift 1.3 GXi	(SA413,AA33)[G13B]	08.86- 03.89	111279	14	50	A13 08.86- 03.89	111696	12	1.2
Swift 1.3 DDIS	(SG)[Z13DT]	08.05-	113722	14	90				
Swift 1.5	(SG)[M15A]	02.05-	111779	14	70				
		02.05-	114245	14	75				
Swift 1.6	(SF416,AH14)[G16B]	11.89- 12.91	111279	14	50	11.89- 12.91	111310	12	0.8
						A32 11.89- 12.91	111696	12	1.2
Swift 1.6 4WD	[G16B]	09.91- 09.95	111279	14	50	11.89- 12.91	111310	12	0.8
						A32 11.89- 12.91	111696	12	1.2
Swift 1.6 i	(SF416,AH14)[G16B]	01.91- 09.95	111279	14	50	09.91- 09.95	111310	12	0.8
						A32 09.91- 09.95	111696	12	1.2
Swift 1.6 i 4WD	(SF416,AJ14)[G16B]	01.91- 09.95	111279	14	50	09.91- 09.95	111310	12	0.8
						A32 09.91- 09.95	111696	12	1.2
SX4 1.5		06.06-	114247	14	75				
SX4 1.6 WT	[M16A]	06.06-	114247	14	75				
SX4 1.6 WT 4WD	[M16A]	06.06-	114247	14	75				
SX4 1.6 VVT	(RW416)[M16A]					07.09-	114060	12	1.0
SX4 1.6 VVT 4x4	(RW416)[M16A]					07.09-	114060	12	1.0
SX4 1.9 DDIS	(RW419)[D19AA]	06.06-	113996	14	140				
SX4 1.9 DDIS 4WD		06.06-	113996	14	140				
Vitara 1.6	(ET)[G16A]	11.88- 12.91	111279	14	50	11.88- 12.91	110394	12	0.85
	(TA)[G16A]	09.91- 01.95	111279	14	50	09.91- 01.95	110394	12	0.85
Vitara 1.6 16V	(ET)[G16B]	09.91- 12.94	111279	14	50	09.91- 12.94	110394	12	0.85
Vitara 1.6 i 4WD	(ET)[G16B]	09.91- 12.94	111279	14	50	09.91- 12.94	110394	12	0.85
		07.95- 03.99	111779	14	70				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Vitara 1.9 Diesel	(ET)[XUD9A]	01.95- 03.98	112292	14	70	01.95- 03.98	111070	12	1.7
Vitara 1.9 Diesel 4WD	[XUD9A]	01.95- 03.98	112292	14	70	08.96- 03.99	111070	12	1.7
Vitara 2.0 16V	[J20A]	12.96- 03.98	111779	14	70	01.95- 03.98	111070	12	1.7
Vitara 2.0 16V 4WD	[J20A]	12.96- 03.98	113322	14	60				
Vitara 2.0 i Lanq	[H20A]	12.94- 03.98	111779	14	70	AT 03.95-	112300	12	1.4
Vitara 2.0 Diesel 4WD	[RF]	03.95- 03.98	112332	14	70	12.94- 03.98	110389	12	2.2
Vitara 2.0 TD Intercooler 4WD	[RF]	12.95-	112332	14	70	12.95- 03.98	110389	12	2.2
Vitara 2.5 i 24V	(ET)[H25A]	03.95- 03.98	111950	14	85	03.95- 03.98	112300	12	1.4
Vitara 2.5 V6 24V	[H25A]					04.98-	112300	12	1.4
Wagon R 1.0	[K10A]	09.97- 05.00	113322	14	60	02.98-	111849	12	0.8
Wagon R+ 1.2 4WD	[K12A]	02.98-	111779	14	70	02.98-	111849	12	0.8
Wagon R+ 1.2 i	[K12A]	02.98-	111779	14	70	02.98-	111849	12	0.8
Wagon R+ 1.25 DDIS	(MM)[Z13DT]	09.03-	113720	14	75	09.03-	113843	12	1.1
Wagon R+ 1.3	(MM)[G13BB]	09.03-	113722	14	90				
		05.00-	111950	14	85	05.00-	111310	12	0.8
		AC 05.00-	111779	14	70				
	[M13A]	09.03-	111950	14	85				
		09.03-	114245	14	75				
Wagon R+ 1.3 4WD	(MM)[G13BB]	10.01-	111950	14	85	10.01-	111310	12	0.8
		AC 10.01-	111779	14	70				
Wagon R+ 1.3 VVT 4WD	(MM)[M13A]	09.03-	114245	14	75	09.03-	111310	12	0.8
		03.04-	111279	14	50				
X-90 1.6 i 16V	[G16B]	09.96-	111279	14	50	09.96-	110394	12	0.85
X-90 1.6 i 16V 4WD	[G16B]	09.95-	111279	14	50	09.95-	110394	12	0.85
<b>PASSENGER CARS US</b>									
Aerio 2.0						01.02- 01.03	111696	12	1.2
Aerio 2.0 SX						01.02- 01.03	111696	12	1.2
Esteem 1.6	[G16S]	01.99- 01.99	111779	14	70	01.99- 01.99	111696	12	1.2
		01.00- 01.00	111779	14	70	01.00- 01.00	111696	12	1.2
Esteem 1.6 GL		01.95- 01.98	111779	14	70	01.95- 01.98	111696	12	1.2
Esteem 1.6 GLX		01.95- 01.98	111779	14	70	01.95- 01.98	111696	12	1.2
Esteem 1.8						01.99- 01.02	111696	12	1.2
Forsa 1.0		01.85-	113087#	14	45				
		01.87-	110965	14	50				
Forsa 1.0 V		01.87-	110965	14	50				
		01.87-	113087#	14	45				
Forsa 1.0 Turbo		01.87-	110965	14	50				
Grand Vitara 2.5						01.99- 01.03	112300	12	1.4
Grand Vitara 2.7 XL-7						01.01- 01.02	112300	12	1.4
LJ 81 1.0		01.81-	110137	14	30				
Samurai 1.3		01.85- 01.90	110965	14	50	01.86- 01.90	110394	12	0.85
Samurai 1.3 JA		01.91- 01.93	110965	14	50	01.91- 01.93	110394	12	0.85
Samurai 1.3 JL		01.91- 01.95	110965	14	50	01.91- 01.95	110394	12	0.85
Samurai 1.3 JS		01.91- 01.91	110965	14	50	01.91- 01.91	110394	12	0.85
Sidekick 1.3		01.89- 01.89	110965	14	50	01.89- 01.89	110394	12	0.85
Sidekick 1.6		01.89- 01.93	111279	14	50	01.89- 01.93	111586	12	1.4
						01.89- 01.93	110394	12	0.85
Sidekick 1.6 JA		01.96- 01.98	111279	14	50	01.96- 01.98	110394	12	0.85
Sidekick 1.6 JL		01.91- 01.91	111279	14	50	01.91- 01.91	111586	12	1.4
Sidekick 1.6 JLX		01.90- 01.95	111279	14	50	01.90- 01.95	110394	12	0.85
						01.90- 01.93	111586	12	1.4
Sidekick 1.6 JS		01.90- 01.98	111279	14	50	01.90- 01.93	111586	12	1.4
						01.90- 01.98	110394	12	0.85
Sidekick 1.6 JX		01.90- 01.98	111279	14	50	01.90- 01.93	111586	12	1.4
						01.90- 01.98	110394	12	0.85
Sidekick 1.8 Sport						01.96- 01.98	110394	12	0.85
SJ 410 1.0		01.80-	110137	14	30				
SJ 413 1.3		01.85-	110965	14	50				
Swift 1.0 GA		01.92-	111279	14	50				
		01.92-	110967	14	55				
Swift 1.3		01.89- 01.01	111279	14	50	01.89- 01.01	111310	12	0.8
		01.89- 01.91	113082	14	55	01.89- 01.01	111696	12	1.2
Swift 1.3 DLX		01.95- 01.98	111279	14	50	01.95- 01.98	111696	12	1.2
						01.95- 01.98	111310	12	0.8
Swift 1.3 GA		01.90- 01.98	111279	14	50	01.90- 01.98	111310	12	0.8
		01.90- 01.94	113082	14	55	01.90- 01.98	111696	12	1.2
		01.90- 01.94	110967	14	55				
Swift 1.3 GL		01.90- 01.91	113082	14	55	01.90- 01.91	111696	12	1.2
		01.90- 01.91	111279	14	50	01.90- 01.91	111310	12	0.8
		01.90- 01.91	110967	14	55				
Swift 1.3 GLX		01.91- 01.91	113082	14	55	01.91- 01.91	111310	12	0.8
		01.91- 01.91	111279	14	50	01.91- 01.91	111696	12	1.2
		01.91- 01.91	110967	14	55				
Swift 1.3 GS		01.92- 01.94	113082	14	55	01.92- 01.94	111696	12	1.2
		01.92- 01.94	110967	14	55	01.92- 01.94	111310	12	0.8
		01.92- 01.94	111279	14	50				
Swift 1.3 GT		01.89- 01.94	110967	14	55	01.89- 01.94	111696	12	1.2
		01.89- 01.94	111279	14	50	01.89- 01.94	111310	12	0.8
		01.89- 01.94	113082	14	55				
Swift 1.3 L		01.90- 01.94	113082	14	55	01.90- 01.94	111310	12	0.8
		01.90- 01.94	110967	14	55	01.90- 01.94	111696	12	1.2
		01.90- 01.94	111279	14	50				
Swift 1.3 S		01.90- 01.90	110967	14	55	01.90- 01.90	111696	12	1.2
		01.90- 01.90	111279	14	50	01.90- 01.90	111310	12	0.8
		01.90- 01.90	113082	14	55				
Swift 1.6 GL		01.92-	110967	14	55				
Swift 1.6 GLX		01.92-	110967	14	55				
SWIFT+ 1.6 S		01.05-	114412	14	85				
Vitara 1.6						01.99- 01.01	110394	12	0.85
Vitara 2.0						01.99- 01.01	112300	12	1.4
						01.99- 01.00	110394	12	0.85
X-90 1.6 JLX		01.96- 01.98	111279	14	50	01.96- 01.98	110394	12	0.85
<b>MOTOR BIKES</b>									
AN400 0.4						01.03-	114182	12	0.7
KFX80 0.8						01.03- 01.06	111922	12	
LT80 0.8						01.87- 01.06	111922	12	
<b>MARINE</b>									
DT20						01.86- 01.88	112008	12	0.6
DT25						01.80- 01.88	112008	12	0.6
DT35						01.83- 01.97	112008	12	0.6
DT35						01.87- 01.89	112008	12	0.6
DT40						01.80- 01.98	112008	12	0.6
PL40						01.92- 01.95	112008	12	0.6
PU55						01.89- 01.90	112008	12	0.6
<b>Saab</b>									
<b>PASSENGER CARS EU</b>									
90 2.0	[B20I]					08.84- 08.87	111270	12	1.4
95 1.5 V4	[V4]	08.84- 08.87	110760			08.68- 12.78	110868	12	1.1
96 1.5 V4	[V4]					08.68- 08.80	110868	12	1.1
99 2.0	[B20P]					03.76- 05.78	111135		
	[B120]					04.72- 08.74	111135		
99 2.0 EMS	[BE20]					09.74- 12.78	111135		
	[B120]	05.78- 12.78	110760						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

SAAB Continued

99 2.0 GL	[B20C]				09.74- 12.84	111135		
		05.78- 12.84	110760					
	[B20I]				09.74- 12.84	111135		
		05.78- 12.84	110760					
99 2.0 Turbo	[BSI20]				10.77- 06.80	111135		
900 2.0	[B201XC]				09.83- 08.84	111135		
		09.83- 08.90	111799#	14	70	09.84- 08.90	111270	12 1.4
	[B20]				09.79- 08.83	111135		
	[B20T]				09.78- 08.84	111135		
	[BT20]	09.78- 08.80	110911	14	55	09.78- 08.83	111135	
	[B20]	09.79- 08.83	110760					
	[B201XC]							
	[B202XI]					01.86- 12.88	111270	12 1.4
	[B20T]	09.78- 08.83	110760					
		09.78- 08.80	110911	14	55			
	08.83- 08.84	111799#	14	70				
	[BT20]							
900 2.0 EMS		09.78- 08.83	110760					
	[Bi20]	01.79- 12.80	110760			01.79- 12.80	111135	
	[Bi20]	01.79- 08.80	110911	14	55			
900 2.0 -16 Turbo	[B202S]	07.91- 08.93	111799#	14	70	07.91- 08.93	111270	12 1.4
	[B202XL]					01.84- 08.84	111135	
		01.84- 08.93	111799#	14	70	09.84- 08.93	111270	12 1.4
	[B204L]	07.93- 08.98	112708#	14	90	07.93- 08.98	110847	12 1.4
	[B202L]					01.93- 08.93	111270	12 1.4
		01.93- 08.93	111799#	14	70			
900 2.0 -16	[B202I]					01.89- 08.93	111270	12 1.4
	[B202I]	01.89- 08.93	111799#	14	70			
900 2.0 EMS	[Bi20]	09.78- 08.79	110760			09.78- 08.83	111135	
900 2.0 i	[B201]	09.85- 08.90	111799#	14	70	09.85- 08.90	111270	12 1.4
	[Bi20]					11.80- 08.83	111135	
	[B201XI]					09.84- 08.90	111270	12 1.4
		09.83- 08.90	111799#	14	70	09.83- 08.84	111135	
	[B204I]	07.93- 08.98	112708#	14	90	07.93- 08.98	110847	12 1.4
	[B201]							
	[B201XI]							
	[B206I]	07.93- 07.94	112708#	14	90	07.93- 07.94	110847	12 1.4
	[Bi20]	11.80- 08.83	110760					
		09.83- 07.85	111799#	14	70	09.84- 07.85	111270	12 1.4
900 2.0 Turbo	[B201XL]	01.86- 12.91	111799#	14	70	01.86- 12.91	111270	12 1.4
	[BSI20]	09.78- 08.83	110760			09.84- 07.85	111270	12 1.4
						09.78- 08.84	111135	
	[B201S]	09.78- 08.83	110760					
	[B201XL]							
	[B202XL]					11.86- 08.93	111270	12 1.4
		11.86- 08.93	111799#	14	70			
		09.83- 07.85	111799#	14	70			
900 2.0 Turbo S	[B202S]	09.91- 06.94	111799#	14	70	09.91- 06.94	111270	12 1.4
	[B202XL]	02.84- 08.93	111799#	14	70	09.84- 08.93	111270	12 1.4
	[B202S]							
	[B202XL]					02.84- 08.84	111135	
900 2.1 -16	[B212I]				08.90- 12.93	112305	12 1.4	
900 2.3 -16	[B234I]	07.93- 08.98	112708#	14	90	07.93- 08.98	110847	12 1.4
900 2.5 i V6	[B258I]	07.93- 10.98	112558#	14	120	07.93- 02.98	111134	
	[B258I]	07.93- 10.98	111514	14	100	07.93- 10.98	112225	
	[B258I]	12.93- 10.98	112708#	14	90			
900 2.0 -16 Turbo	[B202L]	05.88- 08.92	112760#	14	80	05.88- 08.92	111270	12 1.4
	[B202S]	09.92- 12.98	111514	14	100	09.91- 08.93	111270	12 1.4
	[B204E]	09.94- 12.98	111675#	14	90	09.92- 12.98	111270	12 1.4
	[B202XL]	09.84- 08.93	112760#	14	80	09.84- 08.93	111270	12 1.4
	[B202]	06.89- 12.92	112760#	14	80	06.89- 12.92	111270	12 1.4
	[B202XL]	09.84- 08.85	111799#	14	70			
	[B204E]	09.92- 12.98	111514	14	100			
		09.94- 12.98	112558#	14	120			
		05.88- 08.92	112760#	14	80	05.88- 08.92	111270	12 1.4
		09.93- 12.98	111514	14	100	09.93- 12.98	110847	12 1.4
9000 2.0 -16 Turbo CS	[B204E]	09.93- 12.98	111514	14	100			
		09.94- 12.98	111675#	14	90			
		09.94- 12.98	112558#	14	120			
		09.94- 12.98	111675#	14	90	09.94- 12.98	110847	12 1.4
9000 2.0 -16 Turbo ND	[B204I]					09.93- 12.98	110847	12 1.4
		09.93- 12.98	111514	14	100			
		09.94- 12.98	111675#	14	90			
		09.94- 12.98	112558#	14	120			
9000 2.0 -16	[B204E]	09.94- 12.98	111675#	14	90	09.94- 12.98	110847	12 1.4
	[B204I]					09.93- 12.98	110847	12 1.4
	[B202I]	01.89- 08.93	112760#	14	80	01.89- 08.93	111270	12 1.4
	[B202XI]	12.85- 12.88	112760#	14	80	12.85- 12.88	111270	12 1.4
	[B204I]	09.94- 12.98	111675#	14	90			
9000 2.3 -16 Ecopower	[B234E]					09.93- 12.98	110847	12 1.4
	[B234E]	08.94- 12.98	111675#	14	90			
9000 2.3 -16 Ecopower CSE	[B234E]	09.93-	111675#	14	90	09.93-	110847	12 1.4
9000 2.3 -16 Turbo	[B234L]					09.93- 12.98	110847	12 1.4
	[B234L]	08.94- 12.98	111675#	14	90	09.90- 08.93	112305	12 1.4
	[B234L]	01.95- 12.98	113154#	14	110			
9000 2.3 -16 Turbo CS	[B234L]					09.90- 08.93	112305	12 1.4
		09.93-	111675#	14	90	09.93-	110847	12 1.4
9000 2.3 -16 Turbo CSE	[B234L]					09.93-	110847	12 1.4
		09.93-	111675#	14	90			
9000 2.3 -16	[B234I]	08.94- 12.98	111675#	14	90	08.89- 08.93	112305	12 1.4
	[B234I]					09.93- 12.98	110847	12 1.4
	[B234I]	08.89- 12.98	113154#	14	110			
9000 2.3 -16 Aero CS	[B234R]					09.93-	110847	12 1.4
		02.93-	111675#	14	90	02.93- 08.93	112305	12 1.4
9000 2.3 -16 CS	[B234I]					09.93-	110847	12 1.4
		09.93-	111675#	14	90	09.89- 08.93	112305	12 1.4
9000 2.3 -16 CSE	[B234I]	09.93-	111675#	14	90	09.93-	110847	12 1.4
9000 3.0	[B308I]	01.95- 12.97	113154#	14	110	07.94- 12.98	112819#	12 1.4
	[B308I]	07.94-	111675#	14	90			
9-7X 4.2		12.05-	114141	14	150			
9-3 1.8 i	[Z18XE]					09.04-	113276	12 1.1
9-3 1.8 Turbo	[B207E]	09.02-	114257	14	140			
9-3 1.9 TID	[Z19DTH]	09.04-	113904	14	140	09.04-	113931	12 1.7
	[Z19DT]	09.04-	113904	14	140	03.05-	113931	12 1.7
9-3 1.9 TTiD	[Z19DTR]					12.07-	113931	12 1.7
	[A19DTR]					12.07-	113931	12 1.7
						12.07-	114058	12 1.7
						12.07-	113931	12 1.7
						12.07-	113931	12 1.7
9-3 2.0	YS3F	09.02-	114257	14	140	04.06- 09.07	114341	12 1.2
9-3 2.0 i	[B204I]	02.98- 08.00	113273	14	140	02.98- 12.99	110847	12 1.4
		02.98-	112708#	14	90			
9-3 2.0 Turbo BioPower BioPower	[B207L]					01.07-	114341	12 1.2



9-3 2.0 Turbo	[B205E]	01.01- 08.03	112708#	14	90	01.01- 09.02	110847	12	1.4	
	[B204E]	10.98- 08.00	113273	14	140	10.98- 12.99	110847	12	1.4	
		10.98- 09.00	112708#	14	90	10.98-	111698			
	[B204L]	02.98-	112708#	14	90	02.98- 12.99	110847	12	1.4	
	[B205E]	09.99- 08.03	113273	14	140	01.02- 08.03	111698			
	[B205R]	03.98- 08.00	113273	14	140	10.99- 09.02	110847	12	1.4	
		03.98- 08.00	112708#	14	90	10.99- 08.03	111698			
	[B207L]	09.02-	114257	14	140					
	[B207R]	09.02-	114257	14	140					
9-3 2.0 Turbo SE	[B204R]	02.98-	112708#	14	90	02.98- 12.99	110847	12	1.4	
		09.98- 08.00	113273	14	140					
9-3 2.0 Biopower BioPower		01.07-	114257	14	140					
9-3 2.0 Turbo BioPower BioPower	YS3F					06.07-	114341	12	1.2	
9-3 2.2 TD	[D223L]					09.02-	113674	12	2.0	
9-3 2.2 TiD	[D223L]	11.00- 09.02	113674							
9-3 2.3 i	[B234I]	02.98-	112708#	14	90	02.98- 12.99	110847	12	1.4	
9-3 2.3 Turbo	[B235R]	09.99- 08.03	113273	14	140	10.99- 08.03	110847	12	1.4	
		09.99- 08.03	112708#	14	90					
9-5 1.9 TiD	[Z19DTH]					01.06-	113931	12	1.7	
9-5 2.0 Turbo	[B205E]	Chas. 13054632- 09.97- 09.00	113273	14	140	09.97-	110847	12	1.4	
9-5 2.0 TiD	[A20DTH]					05.10-	113931	12	1.7	
9-5 2.2 TiD	[D223L]					03.02-	113674	12	2.0	
9-5 2.2 TiD	[D223L]					03.02-	113674	12	2.0	
9-5 2.3 Turbo 16V	[B235E]	Chas. 13054632- 09.97- 08.00	113273	14	140	09.97-	110847	12	1.4	
9-5 2.3 Turbo	[B235E]	Chas. 13054632- 06.99- 08.00	113273	14	140	10.98-	110847	12	1.4	
	[B235R]	Chas. 13054632- 05.99- 09.01	113273	14	140	09.01-	111698			
	[B235L]	07.03-	113273	14	140	07.03-	111698			
	[B235R]	05.99- 09.01	113273	14	140	Chas. W3084484-, X3003578-	10.99-	110847	12	1.4
9-5 3.0 Turbo	[B308E]					10.98-	110842	12	1.4	
<b>PASSENGER CARS US</b>										
95 1.7		01.71- 01.73	110925#	14	45	01.71- 01.73	110868	12	1.1	
96 1.7		01.71- 01.73	110925#	14	45	01.71- 01.73	110868	12	1.1	
99 2.0		01.78- 01.80	110760			01.78- 01.80	111135			
99 2.0 Turbo		01.78- 01.78	110760			01.78- 01.78	111135			
900 2.0	[B201I]					01.85- 01.88	111270	12	1.4	
	[B202I]					01.89- 01.90	111270	12	1.4	
900 2.0 S	[B201I]					01.79- 01.84	111135			
	[B202I]					01.85- 01.86	111270	12	1.4	
						01.86- 01.90	111270	12	1.4	
						01.81- 01.84	111135			
900 2.0 Turbo	[B202L]					01.85- 01.93	111270	12	1.4	
		01.94- 01.94	112558#	14	120	01.94- 01.94	110847	12	1.4	
		01.94- 01.94	112708#	14	90					
						01.79- 01.84	111135			
900 2.0 Turbo Commemorative	[B202R]					01.94- 01.94	110847	12	1.4	
		01.94- 01.94	112558#	14	120	01.93- 01.93	111270	12	1.4	
		01.94- 01.94	112708#	14	90					
900 2.0 Turbo S	[B204L]	01.98- 01.98	112558#	14	120	01.98- 01.98	110847	12	1.4	
		01.98- 01.98	112708#	14	90					
900 2.0 Turbo SE	[B202L]					01.91- 01.91	111270	12	1.4	
	[B204L]	01.94- 01.98	112558#	14	120	01.94- 01.98	110847	12	1.4	
		01.94- 01.98	112708#	14	90					
900 2.0 Turbo SPG						01.91- 01.91	111270	12	1.4	
900 2.1	[B212I]					01.91- 01.92	111270	12	1.4	
900 2.1 S	[B212I]					01.91- 01.94	111270	12	1.4	
900 2.3 S	[B234I]	01.94- 01.98	112558#	14	120	01.94- 01.98	110847	12	1.4	
		01.94- 01.98	112708#	14	90					
900 2.5 SE	[B258I]	01.94- 01.97	112558#	14	120	01.94- 01.97	111134			
		01.94- 01.97	112708#	14	90	01.94- 01.97	112819#	12	1.4	
9000 2.0 S	[B202I]					01.89- 01.90	111270	12	1.4	
9000 2.0 Turbo	[B202L]					01.86- 01.90	111270	12	1.4	
9000 2.0 Turbo CD	[B202L]					01.89- 01.90	111270	12	1.4	
9000 2.0 Turbo D						01.89- 01.90	111270	12	1.4	
9000 2.3	[B234I]					01.91- 01.94	112305	12	1.4	
9000 2.3 CD	[B234I]					01.93- 01.94	112305	12	1.4	
9000 2.3 CDE	[B234I]					01.93- 01.94	112305	12	1.4	
9000 2.3 CS	[B234I]					01.93- 01.94	112305	12	1.4	
9000 2.3 CSE	[B234I]					01.93- 01.94	112305	12	1.4	
9000 2.3 S	[B234I]					01.90- 01.92	112305	12	1.4	
9000 2.3 Turbo	[B234L]					01.91- 01.92	112305	12	1.4	
9000 2.3 Turbo AERO	[B234L]					01.96- 01.97	110847	12	1.4	
		01.96- 01.97	112558#	14	120	01.93- 01.95	112305	12	1.4	
		01.96- 01.97	112708#	14	90					
	[B234R]	01.96- 01.97	112558#	14	120	01.96- 01.97	110847	12	1.4	
		01.96- 01.97	112708#	14	90	01.93- 01.95	112305	12	1.4	
9000 2.3 Turbo CD	[B234L]					01.91- 01.94	112305	12	1.4	
9000 2.3 Turbo CDE	[B234L]					01.93- 01.94	112305	12	1.4	
9000 2.3 Turbo CS	[B234E]	01.95-	112558#	14	120	01.95- 01.97	110847	12	1.4	
	[B234L]					01.93- 01.94	112305	12	1.4	
9000 2.3 Turbo CSE	[B234L]	01.95- 01.98	112558#	14	120	01.95- 01.98	110847	12	1.4	
		01.98- 01.98	112708#	14	90	01.93- 01.94	112305	12	1.4	
	[B234R]	01.98- 01.98	112558#	14	120	01.98- 01.98	110847	12	1.4	
		01.98- 01.98	112708#	14	90					
9000 2.3 Turbo Griffin Edition	[B234L]					01.92- 01.92	112305	12	1.4	
9000 2.3 Turbo SPG						01.91- 01.91	112305	12	1.4	
9000 3.0 CDE	[B308I]	01.95- 01.95	112558#	14	120	01.95- 01.95	112819#	12	1.4	
9000 3.0 CSE	[B308I]					01.95- 01.97	112819#	12	1.4	
		01.95- 01.97	112558#	14	120					
9-2X 2.5	[EJ253]	01.06-	114214	14	80					
9-2X 2.5 Linear	[251]	01.05-	113634	14	90					
	[253]	01.05-	113634	14	90					
9-2X 2.5 Turbo Aero	[EJ255]	01.06-	114214	14	80					
9-7 X 4.2 Linear		01.05-	114141	14	150					
9-7X 4.2		01.06-	114141	14	150					
9-7X 4.2 4.2l		01.08-	114141	14	150					
Sonett 1.7		01.71- 01.74	110925#	14	45	01.71- 01.74	110868	12	1.1	
9-3 2.0 Turbo	[B204L]	01.99- 01.99	112708#	14	90	01.99- 01.99	110847	12	1.4	
	[B205L]	01.00- 01.01	112708#	14	90	01.00- 01.01	110847	12	1.4	
	[B205R]	01.02- 01.02	112708#	14	90	01.02- 01.02	110847	12	1.4	
9-3 2.0 Turbo SE	[B204R]	01.99- 01.99	112708#	14	90	01.99- 01.99	110847	12	1.4	
	[B205R]	01.00- 01.03	112708#	14	90	01.00- 01.01	110847	12	1.4	
9-3 2.3 Turbo Vigen	[B235R]	01.99- 01.02	112708#	14	90	01.99- 01.02	110847	12	1.4	
9-5 2.3 Turbo	[B235E]					01.99- 01.01	110847	12	1.4	
9-5 2.3 Turbo Aero	[B235R]					01.00- 01.01	110847	12	1.4	
<b>PASSENGER CARS AO</b>										
9-5 2.0 Turbo SE						10.98- 07.00	110847	12	1.4	
<b>Talbot</b>										
<b>PASSENGER CARS EU</b>										
160 1.6	[7R2]					07.76- 03.79	110790#	12	1.0	
						01.73- 03.79	110790#	12	1.0	
180 1.8	[7S2]					01.82- 12.82	110790#	12	1.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TALBOT** Continued

1100 1.1 Simca	[30]				10.68- 01.80	110774#	12	0.9	
	[3E1A]				10.76- 01.80	110774#	12	0.9	
1100 1.3 Simca Special TI	[3G4]				10.72- 09.77	110774#	12	0.9	
1307 1.3 Simca	[6G1D]				01.78- 08.81	110774#	12	0.9	
1308 1.4 Simca	[6Y2]				11.78- 08.81	110774#	12	0.9	
	[6Y2D]				11.78- 08.80	110774#	12	0.9	
1510 1.4 Simca	[6G1]				01.80- 06.82	110774#	12	0.9	
	[6Y2D]	PS 01.80- 06.82	110992		10.80- 06.82	110837#	12	1.05	
					10.80- 06.82	110837#	12	1.05	
1510 1.6	[6J2A]				07.81- 06.82	110837#	12	1.05	
1510 1.6 Simca	[6J1]				10.80- 06.82	110837#	12	1.05	
	[6J2]	PS 11.80- 06.82	110992		11.80- 06.82	110774#	12	0.9	
					10.78- 06.82	110774#	12	0.9	
					10.80- 06.82	110837#	12	1.05	
1610 2.0 Simca	[7T2]				09.76- 12.80	110790#	12	1.0	
Express 1.8	[XM7T]				09.81- 12.93	111066	12	1.05	
Express 1.9 Diesel	[XUD9A]	07.87- 12.93	111076	14	50	11.87- 12.93	111070	12	1.7
Express 2.0	[XN1TA]				09.81- 12.93	111066	12	1.05	
Express 2.5 Diesel	[CRD93]	09.81- 12.93	111659	14	80	09.81- 12.93	111115	12	2.2
Express 2.5 Diesel 4x4	[CRD93]	09.81- 12.93	111659	14	80	09.81- 12.93	111115	12	2.2
Express 2.5 TD	[CRD93LS]	06.87- 12.93	111659	14	80	06.87- 12.93	111115	12	2.2
					09.81- 12.93	111066	12	1.05	
Express 2.5 TD 4x4	[CRD93LS]	11.88- 12.93	111659	14	80	09.81- 12.93	111066	12	1.05
					11.88- 12.93	111115	12	2.2	
Horizon 1.1	[E1B]				10.83- 09.84	110837#	12	1.05	
					01.79- 09.84	110774#	12	0.9	
Horizon 1.3	[2G1]				10.83- 06.86	110837#	12	1.05	
	[2G1-BTC]				02.78- 01.80	110774#	12	0.9	
					09.78- 06.86	110774#	12	0.9	
					10.83- 06.86	110837#	12	1.05	
Horizon 1.4	[2Y1]				07.79- 06.86	110774#	12	0.9	
	[2Y1B]				10.83- 06.86	110837#	12	1.05	
	[2Y2]				10.83- 09.84	110837#	12	1.05	
	[Y2]				02.82- 09.84	110774#	12	0.9	
					07.79- 06.86	110774#	12	0.9	
					10.83- 06.86	110837#	12	1.05	
Horizon 1.6	[6J2A]				10.83- 06.86	110837#	12	1.05	
	[J2A]				07.82- 06.86	110774#	12	0.9	
					10.83- 06.86	110837#	12	1.05	
					07.82- 06.86	110774#	12	0.9	
Horizon 1.9 Diesel	[XUD9]	07.82- 06.86	111076	14	50	07.82- 06.86	111070	12	1.7
		07.82- 06.86	111173#	14	80				
Matra-Simca 1.3 Bagheera	[3G4]				01.74- 03.78	110774#	12	0.9	
Murena 1.6	[X5J2A]				5SP 08.81- 01.85	110837#	12	1.05	
					08.81- 01.85	110774#	12	0.9	
Murena 2.1	[5N2]				09.80- 07.84	110790#	12	1.0	
	[X5N2]				04.83- 01.85	110790#	12	1.0	
Rancho 1.4	[X3Y2]				01.77- 07.84	110774#	12	0.9	
Samba 1.0	[5C1 (XV5)]	01.81- 12.85	110916	14	40	01.81- 12.85	111068	12	0.85
		01.81- 12.85	111075	14	55				
	[5C1 (XV8)]	06.83- 12.87	110916	14	40	06.83- 12.87	111068	12	0.85
		06.83- 12.87	111075	14	55				
Samba 1.1	[XW7]	01.81- 06.86	110916	14	40	01.81- 06.86	111068	12	0.85
		01.81- 06.86	111075	14	55				
Samba 1.2 Rallye	[129D]	06.83- 12.87	111075	14	55	06.82- 12.87	111068	12	0.85
Samba 1.4	[XY8]	01.81- 12.87	111075	14	55	01.81- 12.87	111068	12	0.85
	[150D]	06.83- 10.86	111075	14	55	06.83- 10.86	111068	12	0.85
	[XY7]	06.83- 12.87	110916	14	40	06.83- 12.87	111068	12	0.85
		06.83- 12.87	111075	14	55				
	[XY8]	01.81- 12.87	110916	14	40				
Samba 1.4 Rallye	[XY8]	01.83- 10.86	110916	14	40	01.83- 10.86	111068	12	0.85
		01.83- 10.86	111075	14	55				
Solara 1.3	[6G1D/VP]				10.83- 07.86	110837#	12	1.05	
		PS 02.80- 07.86	110992		02.80- 07.86	110774#	12	0.9	
Solara 1.6	[6J1]				10.83- 10.84	110837#	12	1.05	
	[6J2]	PS 09.81- 10.84	110992		09.81- 10.84	110774#	12	0.9	
					02.80- 06.81	110774#	12	0.9	
	[J1]	PS 02.80- 06.81	110992		02.80- 06.82	110774#	12	0.9	
	[J1B]				09.81- 07.86	110774#	12	0.9	
		09.81- 07.86	110992		11.84- 07.86	111070	12	1.7	
		PS 09.81- 07.86	110992		10.83- 07.86	110837#	12	1.05	
	[J2]				02.80- 06.81	110774#	12	0.9	
Sunbeam 1.3 Simca	[JB]	07.77- 04.81	110178	14	36				
Sunbeam 1.6 Simca	[TB]	10.78- 04.81	110178	14	36				
Tagora 2.1	[5N2]				06.80- 12.83	110790#	12	1.0	
Tagora 2.3 TD	[XD2S]	08.81- 12.87	111156	14	70	08.81- 12.87	111125	12	2.2
		08.81- 12.87	111155#	14	50	08.81- 12.87	111109	12	2.0
Tagora 2.6	[9L6]	08.81- 10.83	111144	14	70				
<b>Tata</b>									
<b>PASSENGER CARS EU</b>									
Safari 1.9 Diesel	[483DL]	04.00-	112650	14	65				
Various Models						112164	12	1.4	
<b>Tatra</b>									
<b>TRUCKS EU</b>									
Various Models			111009	28	35		111008		
<b>TCM</b>									
<b>FORK LIFTS</b>									
FC 3024						111573	12	2.8	
						111683	12	2.0	
						111709	12	2.2	
FG 15	[A15]		110128	14	35	110155	12	1.0	
						111452	12	0.8	
						110256	12	0.8	
FG 20			110128	14	35	110155	12	1.0	
			112068	14	35	111452	12	0.8	
						110256	12	0.8	
FHG 35						110144	12	1.0	
FHG 40						110144	12	1.0	
FT 25						110412	12	2.2	
Various Models	[Kubota V3300]					114167	12	3.6	
Various Models	[15-20T]					114346	24	5.5	
<b>Tecumseh</b>									
<b>MOTORS</b>									
H30 - H35						112569	12		
HM70 - HM100						112312	12	0.48	
HS40 - HS50						112569	12		
HSK35 - HSK40						112569	12		
HSSK40 - HSSK50						112569	12		
OH50						112566	12	0.5	
OHH50						112566	12	0.5	
OHV110						112566	12	0.5	
OHV120						112566	12	0.5	



OHV130									112566	12	0.5
OHV135									112565	12	0.5
OHV14									112566	12	0.5
OHV145									112565	12	0.5
OHV15									112565	12	0.5
OHV150									112565	12	0.5
OHV155									112565	12	0.5
OHV16									112565	12	0.5
OHV160									112565	12	0.5
OHV165									112565	12	0.5
OHV17									112565	12	0.5
OHV170									112565	12	0.5
OHV175									112565	12	0.5
OVM120									112312	12	0.48
OVXL120									112312	12	0.48
TVM170 - TVM220									112312	12	0.48
TVXL170 - TVXL220									112312	12	0.48
MISC.											
Various Models									114521	12	
									113018	12	
									112570	120	
									112313	12	0.5
									112564	12	
									113019	12	
<b>Thermo King</b>											
MISC.											
30 DI TC			01.79-	110177	14	51		01.79-	110494	12	2.0
			01.89-	110487	14	37					
			01.89-	110488	14	65					
30 MAX			01.79-	110177	14	51		01.79-	110494	12	2.0
			01.89-	110487	14	37		01.79-	110355#	12	1.8
			01.89-	110488	14	65		01.79-	110486	12	1.4
								01.79-	110820	12	2.0
HK 100	[TK2.44]		01.89-	110487	14	37					
			01.89-	110488	14	65					
HK 30	[TK2.44]		01.89-	110487	14	37					
			01.89-	110488	14	65					
HK 60	[TK2.44]		01.89-	110487	14	37					
			01.89-	110488	14	65					
KD 30	[TK3.66]		01.89-	110487	14	37					
			01.89-	110488	14	65					
KD 50	[TK3.66]		01.89-	110487	14	37					
			01.89-	110488	14	65					
RD-1 30 TC			01.73-	110164#	14	35					
RD-1 50 TC			01.73-	110164#	14	35					
SB II 30 DI TC			01.89-	110488	14	65		01.79-	110494	12	2.0
			01.89-	110487	14	37					
			01.79-	110177	14	51					
SB III				111672							
			01.90-	111216	14	37					
Super			01.93-	111216	14	37		01.93-	110820	12	2.0
								01.93-	110494	12	2.0
TD II 30	[TK3.88]		01.89-	110487	14	37					
			01.89-	110488	14	65					
TD II 50 MAX	[TK3.88]		01.89-	110487	14	37					
			01.89-	110488	14	65					
Various Models				113716	14	90			110934	12	2.0 ND
				110422	14	30			110494	12	2.0 HI
			01.74- 01.79	110408	14	35			110820	12	2.0 HI
								01.70- 01.88	112232	12	2.4
									112371	12	2.2 HI
									114253	12	2.0 HI
			01.77- 01.81	110164#	14	35			114213	12	2.0
				114348	28	150			110485	12	1.4 ND
<b>Thomas</b>											
<b>INDUSTRY</b>											
T103 Skid Steers	[Kubota D1402B]							01.89- 01.95	112589		
T133 Skid Steers	[Kubota V1902B]							01.89- 01.95	112589		
T1338 Skid Steers	[Kubota V1903B]							01.95- 01.98	112589		
T173 Skid Steers	[Kubota V1902B]							01.89- 01.99	112589		
<b>Thwaites</b>											
<b>INDUSTRY</b>											
Various Models									113269	12	3.0
<b>Timberjack</b>											
<b>INDUSTRY</b>											
608			01.95-	112160	28	75					
			01.95-	111647	28	60					
618			01.95-	112160	28	75					
			01.95-	111647	28	60					
628			01.95-	112160	28	75					
			01.95-	111647	28	60					
850			01.98-	112160	28	75					
			01.98-	111647	28	60					
950			01.98-	112160	28	75					
			01.98-	111647	28	60					
1010	[1004-4T]		01.97- 01.98	112038	28	100					
2618			01.95-	111647	28	60					
			01.95-	112160	28	75					
2628			01.95-	112160	28	75					
			01.95-	111647	28	60					
810C	[1004-40T]		01.99-	112038	28	100					
<b>Toro</b>											
<b>INDUSTRY</b>											
52	[Briggs & Stratton]							01.79- 01.86	111804	12	0.6
62	[Onan]							01.86- 01.86	113015	12	
224	[Mitsubishi]							01.89- 01.96	112178	12	1.6
220D	[Mitsubishi]							01.88- 01.91	112178	12	1.6
223D	[Mitsubishi]							01.95- 01.01	112178	12	1.6
5100D	[Mitsubishi]								112178	12	1.6
<b>Toyota</b>											
<b>PASSENGER CARS EU</b>											
1000 1.0	[KP36V ][2K1							04.69-	110153#	12	0.8
4 Runner 2.4	[ N130 ][22REC]							01.94- 01.95	113109	12	1.0
4 Runner 2.7 i	[RZ118 ][3RZ-FE]	08.87- 03.96	113077	14	70			11.95- 03.96	113174#	12	1.8
4 Runner 3.0 V6 4WD	[3VZ-FE]							08.89- 08.93	111551#	12	1.4
								08.93- 11.95	111783	12	1.4
								01.94- 11.95	113110#	12	1.0
								01.94- 11.95	113112#	12	1.6
4 Runner 3.0 TD	[1KZ-T]							01.95- 11.95	113110#	12	1.0
								01.95- 11.95	113112#	12	1.6
								11.95-	113757	12	2.2
4 Runner 3.0 TD 4WD	[N130][1KZ-T]							08.93- 11.95	111783	12	1.4
								01.94- 01.95	113110#	12	1.0
								01.94- 01.95	113112#	12	1.6
								10.93- 03.96	113757	12	2.2
4 Runner 3.4	[5VZ-FE]	11.95- 07.02	114362	14	80						
4 Runner 3.4 i	[5VZ-FE]	11.95- 03.96	114362	14	80			01.96- 03.96	113173	12	1.8
4 Runner 4.7	[2UZ-FE]							08.02-	114440	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

TOYOTA Continued

Auris 1.4 D-4D	(NDE150)[1ND-TV]	03.07-	113972	14	100	03.07-	114071	12	2.0
Auris 2.0 D-4D	(ADE150)[1AD-FTV]					03.07-	114216	12	2.0
Auris 2.2 Diesel	(ADE157)[2AD-FHV]					03.07-	114216	12	2.0
Avensis 1.6	[4A-FE]	09.97-	112860	14	80	09.97-	111984	12	1.1
Avensis 1.6 i 16V	(T22)[3ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1
	[3ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1
Avensis 1.6 VVTi	(T25)[3ZZ-FE]	01.03- 02.04	113296	14	80				
Avensis 1.8	(T25)[1ZZ-FE]	04.03-	113296	14	80				
	[7A-FE]	09.97-	112860	14	80	09.97-	111984	12	1.1
Avensis 1.8 i 16V	( T22 ) [1ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1
	(ST220)[1ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1
Avensis 2.0	[3S-FE]	09.97-	112393			09.97-	111463	12	1.0
Avensis 2.0 i 16V	(ST220)[1AZ-FSE]	10.00- 02.03	113902	14	100	10.00-	112367	12	1.4
Avensis 2.0 VVTi Verso	(AC_) [1AZ-FE]	08.01-	114273	14	100	08.01-	112367	12	1.4
						08.01-	114255	12	1.3
Avensis 2.0 D-4D	(T22)[1CD-FTV]	10.99- 02.03	114227	14	120	10.99-	112006	12	2.0
	(T25)[1AD-FTV]	03.06-	114390	14	100	03.06-	114216	12	2.0
	[1CD-FTV]	04.03-	114010	14	100	04.03-	111262#	12	2.5
						04.03-	112006	12	2.0
Avensis 2.0 D-4D Verso	(AC_) [1CD-FTV]	08.01-	114115	14	130	08.01-	114240	12	1.4
						08.01-	111874	12	2.2
Avensis 2.0 Diesel	( T22 ) [1CD-FTV]	09.02- 02.03	114227	14	120				
	(T27)[1AD-FTV]	02.09-	114390	14	100				
Avensis 2.0 TD	[2C-TE]					09.97-	112006	12	2.0
Avensis 2.2 D-4D	(T25)[2AD-FTV]	10.05-	114390	14	100	10.05-	114216	12	2.0
Avensis 2.2 D-4D CAT	(T25)[2AD-FHV]	07.05-	114390	14	100	07.05-	114216	12	2.0
Avensis 2.2 Diesel	(T27)[2AD-FHV]	02.09-	114390	14	100				
	[2AD-FTV]	02.09-	114390	14	100				
Aygo 1.0 i	[1KR-FE]	07.05-	114090	14	70	07.05-	113963	12	1.1
		07.05-	114099	14	80				
Aygo 1.0	(KGB10)[1KR-FE]	07.05-	114090	14	70	07.05-	113963	12	1.1
		07.05-	114099	14	80				
Aygo 1.4 HDi	[2WZTV]					07.05-	113254	12	1.1
						07.05-	113933	12	1.5
Camry 1.8	(SV10)[1S-L]	10.82- 10.86	110678	14	60				
		10.82- 10.86	111705	14	70				
		02.83- 10.86	110496	14	60				
		02.83- 10.86	111435	14	70				
	[1S]	10.86- 08.88	111705	14	70				
		11.86- 08.88	110496	14	60				
		11.86- 08.88	111435	14	70				
Camry 1.8 i	[1S-L]	10.86- 08.88	110496	14	60	10.86- 08.88	111446	12	1.0
		10.86- 08.88	110678	14	60	10.86- 08.88	111544	12	1.4
		10.86- 08.88	111435	14	70				
		10.86- 08.88	111705	14	70				
Camry 1.8 TD	[1C-TL]	11.83- 11.85	110684	14	55	11.83- 10.86	111386	12	2.0
Camry 2.0	(SV11)[2S-EL]	03.83- 10.86	110496	14	60	03.83- 10.86	111440	12	1.4
		03.83- 10.86	110678	14	60				
		03.83- 10.86	111435	14	70				
		03.83- 10.86	111705	14	70				
	(SV21)[3S-FE]	10.86- 05.91	111435	14	70	11.86- 05.91	111446	12	1.0
		11.86- 05.91	111705	14	70	11.86- 05.91	111544	12	1.4
	[2S-E]	03.83- 10.86	110678	14	60	10.86- 05.91	111446	12	1.0
		03.83- 05.91	111705	14	70	01.84- 10.86	111440	12	1.4
		04.86- 01.88	110496	14	60	10.86- 05.91	111544	12	1.4
		04.86- 01.88	111435	14	70				
	[2S-ELC]	03.83- 10.86	110678	14	60	01.84- 10.86	111440	12	1.4
		03.83- 05.91	111705	14	70	10.86- 05.91	111544	12	1.4
		04.86- 01.88	110496	14	60	10.86- 05.91	111446	12	1.0
		04.86- 01.88	111435	14	70				
Camry 2.0 16V GLi	(SV21)[3S-FE]	11.86- 05.91	111435	14	70	11.86- 05.91	111544	12	1.4
		11.86- 05.91	111705	14	70	11.86- 05.91	111446	12	1.0
Camry 2.0 TD	(CV20)[2C-T]	11.85- 05.91	110684	14	55	A13 08.88- 05.91	111564	12	2.2
						08.85- 10.88	111386	12	2.0
	(CV21)[2C-T]	11.85- 05.91	110684	14	55	A13 08.88- 05.91	111564	12	2.2
						08.85- 10.88	111386	12	2.0
	[2C-T]	11.85- 05.91	110684	14	55	A13 08.88- 05.91	111564	12	2.2
						08.85- 10.88	111386	12	2.0
Camry 2.2	( _V20_ ) [5S-FE]	08.96- 09.01	111517	14	70	08.99- 09.01	112367	12	1.4
		08.99- 09.01	111468	14	80				
	(SXV10)[5S-FE]	06.91- 08.96	111435	14	70	A13 08.94-	111550	12	1.4
		06.91- 07.92	111705	14	70	06.91- 07.94	111544	12	1.4
		01.92-	111517	14	70	08.94-	111463	12	1.0
		08.92-	111468	14	80	06.91- 07.94	111446	12	1.0
	(SXV20)[5S-FE]	08.96- 08.99	111517	14	70	08.96- 11.01	112367	12	1.4
		08.99- 11.01	111468	14	80				
Camry 2.5	(VZV21)[2VZ-FE]	08.88- 05.91	111480	14	70	02.88- 05.91	111544	12	1.4
						02.88- 05.91	111446	12	1.0
Camry 2.5 V6 GXi	(VZV21)[2VZ-FE]	08.88- 05.91	111480	14	70	02.88- 05.91	111544	12	1.4
						02.88- 05.91	111446	12	1.0
Camry 3.0	(VCV10)[3VZ-FE]	06.92-	111965	14	80	08.94-	111550	12	1.4
						06.91- 07.94	111446	12	1.0
						08.94-	111463	12	1.0
						06.91- 07.94	111544	12	1.4
Camry 3.0 24V	(MCV20)[1MZ-FE]					08.96- 11.01	112367	12	1.4
Camry 3.0 V6	( _V20_ ) [1MZ-FE]					04.00-	112367	12	1.4
Carina 1.6	(AT151)[4A-L]	10.83- 11.87	110250	14	50	10.83- 11.87	110290#	12	1.0
	[4A-LC]	10.83- 11.87	110250	14	50	10.83- 11.87	110290#	12	1.0
		10.83- 11.87	110496	14	60				
	(AT171)[4A-F]	12.87- 08.90	110682	14	70	12.87- 08.90	111455	12	0.8
						12.87- 08.90	110713	12	1.0
	[4A-FE]	12.87- 02.92	110682	14	70	12.87- 03.92	110713	12	1.0
						12.87- 03.92	111455	12	0.8
	(ST150)[1S-EL]	10.83- 11.87	110496	14	60				
		10.83- 11.87	110678	14	60				
		10.83- 11.87	111435	14	70				
		10.83- 11.87	111705	14	70				
	(TA11)[2T]	02.76- 03.78	110138	14	40				
		02.76- 03.78	110139#	14	50				
		02.76- 03.78	110258	14	35				
	(TA12)[2TB]	05.73- 03.78	110138	14	40				
		05.73- 03.78	110258	14	35				
		05.73- 03.78	110274#	14	40				
		02.75- 03.78	110139#	14	50				
	(TA4K)[2T]	03.81- 01.82	110138	14	40	08.81- 09.83	110261	12	1.0
		03.81- 01.82	110139#	14	50				
		03.81- 01.82	110258	14	35				
		03.81- 01.82	110274#	14	40				
	(TA4K,TA60LG)[2T]	04.78- 02.82	110138	14	40				
		04.78- 02.82	110139#	14	50				
		04.78- 09.83	110258	14	35				
		04.78- 09.83	110274#	14	40				
	(TA4L,TA60L)[2T]	01.78- 01.82	110138	14	40				
		01.78- 01.82	110139#	14	50				
		01.78- 09.83	110258	14	35				
		01.78- 09.83	110274#	14	40				
	[2TB]	10.75- 03.78	110138	14	40				
		10.75- 03.78	110139#	14	50				
		10.75- 03.78	110258	14	35				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Carina 1.8	(ST150)[1S-L]	10.83- 11.87	110678	14	60				
		10.83- 11.87	111435	14	70				
		10.83- 11.87	111705	14	70				
	[3T]	01.82- 09.83	110138	14	40		01.82- 09.83	110261	12 1.0
		01.82- 09.83	110139#	14	50				
		01.82- 02.87	110258	14	35				
		01.82- 02.87	110274#	14	40				
Carina 1.8 Diesel	(TA4K, 6K)[1C]						A13 04.82- 09.83	111386	12 2.0
	(TA4L, 6L)[1C]						A13 04.82- 09.83	111386	12 2.0
Carina 2.0	(ST171)[3S-FE]	12.87- 11.89	111705	14	70		12.87- 03.92	111446	12 1.0
		11.89- 02.92	111435	14	70		12.87- 03.92	111544	12 1.4
	[3S-FE]	12.87- 11.89	111705	14	70		12.87- 04.92	111446	12 1.0
		11.89- 02.92	111435	14	70		12.87- 04.92	111544	12 1.4
Carina 2.0 Diesel	(CT150)[2C-L]	10.83- 11.87	110684	14	55		10.83- 11.87	111386	12 2.0
	(T15)[2C-L]	10.83- 12.87	110684	14	55		10.83- 11.87	111386	12 2.0
	(T17)[2C]	12.87- 05.89	110684	14	55		A13 12.87- 11.92	111564	12 2.2
		05.89- 06.91	110686	14	60				
	[2C-L]	12.87- 05.89	110684	14	55		A13 12.87- 11.92	111564	12 2.2
		05.89- 06.91	110686	14	60				
	[2C-L]	12.87- 05.89	110684	14	55		A13 12.87- 11.92	111564	12 2.2
		05.89- 06.91	110686	14	60				
Carina E 1.6	(AT190)[4A-FE]	02.92-	111579	14	70		02.92- 01.96	111984	12 1.1
		02.92-	112860	14	80		02.92- 01.96	111455	12 0.8
Carina E 1.6 GLI	(AT190)[4A-FE]	02.92-	111579	14	70		02.92- 01.96	111455	12 0.8
		02.92-	112860	14	80		02.92- 01.96	111984	12 1.1
	(ST191)[4A-FE]	01.93-	111579	14	70		01.93- 01.96	111455	12 0.8
		01.93-	112860	14	80		01.93- 01.96	111984	12 1.1
Carina E 1.6 16V	(AT190)[4A-FE]	12.94-	111579	14	70		12.94- 01.96	111984	12 1.1
		12.94-	112860	14	80		12.94- 01.96	111455	12 0.8
	(CT190)[4A-FE]	10.95-	111579	14	70		10.95- 01.96	111984	12 1.1
		10.95-	112860	14	80		10.95- 01.96	111455	12 0.8
Carina E 1.6 i	(AT190)[4A-FE]	02.95-	111579	14	70		02.95- 01.96	111984	12 1.1
		02.95-	112860	14	80		02.95- 01.96	111455	12 0.8
Carina E 1.8	(AT191)[7A-FE]	01.95-	111579	14	70		01.95- 01.96	111984	12 1.1
		01.95-	112860	14	80		01.95- 01.96	111455	12 0.8
Carina E 1.8 i	(AT191)[7A-FE]	02.95-	111579	14	70		02.95- 01.96	111984	12 1.1
		02.95-	112860	14	80		02.95- 01.96	111455	12 0.8
Carina E 2.0	(ST191)[3S-FE]	02.92-	111468	14	80		02.92-	111463	12 1.0
		02.92-	111517	14	70		A13 02.92-	111550	12 1.4
Carina E 2.0 GLI	(ST191)[3S-FE]	02.92-	111468	14	80		A13 02.92-	111550	12 1.4
		02.92-	111517	14	70		02.92-	111463	12 1.0
Carina E 2.0 GTI	(ST191)[3S-GE]	02.92- 02.94	111468	14	80		A13 02.92- 01.96	111550	12 1.4
		02.92- 02.94	111517	14	70				
Carina E 2.0 i 16V	(ST191)[3S-FE]	02.92-	111468	14	80		A13 02.92-	111550	12 1.4
		02.92-	111517	14	70		02.92-	111463	12 1.0
	[3S-GE]	02.92- 02.94	111517	14	70		A13 03.94-	111550	12 1.4
							03.94-	111463	12 1.0
Carina E 2.0 i	(ST191)[3S-FE]	02.92-	111468	14	80		A13 02.92-	111550	12 1.4
		02.92-	111517	14	70		02.92-	111463	12 1.0
	[3S-GE]	04.92- 02.94	111517	14	70		04.92- 02.94	111550	12 1.4
							04.92- 02.94	111463	12 1.0
Carina E 2.0 Diesel	(CT190)[2C]	12.92- 01.96	111598	14	80		02.94- 05.95	111554	12 1.4
							02.94- 01.96	111874	12 2.2
Carina E 2.0 TD	(CT190)[2C-T]						01.96-	111874	12 2.2
Celica 1.6	(AT180)[4A-FE]	10.89- 10.93	110682	14	70		A13 10.89- 10.93	110713	12 1.0
							10.89- 10.93	111455	12 0.8
	(T16)[4A-L]	08.85- 09.89	110496	14	60		04.86- 09.89	110253#	12 1.0
		04.86- 02.90	111435	14	70				
	(TA2)[2T]	02.76- 03.78	110138	14	40				
		02.76- 03.78	110139#	14	50				
		02.76- 03.78	110258	14	35				
	(TA22)[2TB]	05.73- 03.78	110138	14	40				
		05.73- 03.78	110139#	14	50				
		05.73- 03.78	110258	14	35				
	(TA4C)[2TB]	02.79- 07.83	110138	14	40				
		02.79- 07.83	110139#	14	50				
		02.79- 07.83	110258	14	35				
		02.79- 07.83	110274#	14	40				
	(TA4C, TA60)[2TB]	08.77- 01.82	110138	14	40		08.81- 07.85	110261	12 1.0
		08.77- 01.82	110139#	14	50				
		08.77- 08.85	110258	14	35				
		08.77- 08.85	110274#	14	40				
	[4A-L]	08.77- 01.82	110138	14	40		08.80- 07.81	110261	12 1.0
		08.77- 01.82	110139#	14	50				
		08.77- 08.85	110258	14	35				
		08.77- 08.85	110274#	14	40				
		08.79- 07.81	110250	14	50				
	(TA60)[2T]	02.79- 08.83	110138	14	40				
		02.79- 08.83	110139#	14	50				
		02.79- 08.83	110258	14	35				
		02.79- 08.83	110274#	14	40				
	[2TB]	08.77- 08.85	110138	14	40		08.81- 07.85	110261	12 1.0
		08.77- 08.85	110139#	14	50				
		08.77- 08.85	110258	14	35				
		08.77- 08.85	110274#	14	40				
Celica 1.6 GT	(AT160)[4A-GELC]	08.87- 08.89	110496	14	60		08.87- 08.89	110253#	12 1.0
		08.87- 08.89	111435	14	70				
	(RA6)[4A-GE]	08.83- 07.85	110496	14	60		08.83- 07.85	110253#	12 1.0
		12.83- 10.86	111435	14	70				
	(TA22)[2T-G]	12.74- 03.78	110138	14	40				
		12.74- 03.78	110139#	14	50				
		12.74- 03.78	110258	14	35				
	(TA4C)[2TG]	04.80- 02.82	110138	14	40				
		04.80- 02.82	110139#	14	50				
		04.80- 02.82	110258	14	35				
	[2T-G]	04.78- 02.82	110138	14	40				
		04.78- 02.82	110139#	14	50				
		04.78- 02.82	110258	14	35				
		04.78- 02.82	110274#	14	40				
Celica 1.6 16V GT	(AT160)[4A-GEL]	09.85- 08.89	110496	14	60		09.85- 08.89	110253#	12 1.0
		09.85- 08.89	111435	14	70				
	[4A-GEL]	04.86- 08.89	110496	14	60		04.86- 08.89	110253#	12 1.0
							11.99-	113271	12 1.1
Celica 1.8 16V TS	(ZZT231)[2ZZ-GE]						11.99-	113339#	12 0.8
							01.00- 01.05	113620	12 1.2
Celica 1.8 i 16V	[7A-FE]	11.93-	111579	14	70		11.93-	111455	12 0.8
		11.93-	112860	14	80				
Celica 1.8 VVTI 16V	(ZZT230)[1ZZ-FE]	11.99-	114361	14	80		08.99-	113271	12 1.1
							08.99-	113339#	12 0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TOYOTA** Continued

Celica 2.0	(RA40)[18R]	02.79- 07.85	110138	14	40	08.81- 08.83	110260	12	1.0
		02.79- 07.85	110139#	14	50	02.79- 07.81	110152	12	0.9
		02.79- 07.85	110258	14	35				
		02.79- 07.85	110274#	14	40				
(RA6)[18R-G]	01.82- 08.85	110138	14	40	01.82- 07.85	110260	12	1.0	
	01.82- 08.85	110139#	14	50					
	01.82- 10.86	110258	14	35					
[21R-U]	01.82- 08.85	110138	14	40	01.82- 08.83	110260	12	1.0	
	01.82- 08.85	110139#	14	50					
	01.82- 08.85	110258	14	35					
(RA61)[21R-C]	02.82- 08.85	110138	14	40	02.82- 07.85	110260	12	1.0	
	02.82- 08.85	110139#	14	50					
	02.82- 08.85	110258	14	35					
	02.82- 08.85	110274#	14	40					
(RA63)[18R-G]	02.78- 08.83	110138	14	40	08.77- 07.81	110152	12	0.9	
	02.78- 08.83	110139#	14	50	08.81- 08.83	110260	12	1.0	
	02.78- 08.83	110258	14	35					
(TA2)[18R]					10.75- 07.77	110152	12	0.9	
[3S-GEL]	08.85- 08.90	110678	14	60	09.86- 09.89	111555	12	1.0	
	01.87- 08.90	110496	14	60					
	01.87- 08.90	111435	14	70					
	08.87- 08.90	111705	14	70					
Celica 2.0 GT	(ST162)[3S-GEL]	08.85- 08.90	110678	14	60	09.86- 09.89	111555	12	1.0
		10.86- 08.90	110496	14	60				
		10.86- 08.90	111435	14	70				
		08.87- 08.90	111705	14	70				
	[3S-GELC]	10.86- 08.90	110496	14	60	09.86- 09.89	111555	12	1.0
		10.86- 08.90	111435	14	70				
		08.87- 08.90	111705	14	70				
		03.88- 08.90	110678	14	60				
	[3S-GEL]	08.85- 08.89	110678	14	60	09.86- 09.89	111555	12	1.0
		08.85- 08.89	111435	14	70				
		08.86- 08.89	110496	14	60				
		08.87- 08.89	111705	14	70				
[3S-GELC]	09.85- 08.89	110496	14	60	09.86- 09.89	111555	12	1.0	
	09.85- 08.89	110678	14	60					
	09.85- 08.89	111435	14	70					
	08.87- 08.89	111705	14	70					
Celica 2.0 16V	(T20)[3S-GE]				08.96- 05.99	111550	12	1.4	
	[3S-GE]				11.93- 08.99	111550	12	1.4	
Celica 2.0 GTi	(ST182)[3S-GE]	03.90- 11.92	111435	14	70	10.89- 10.93	111544	12	1.4
Celica 2.0 i 16V	(ST202)[3S-GE]					11.93-	111550	12	1.4
Celica 2.0 Turbo 4WD	(ST185)[3S-GTE]	10.89- 01.94	111435	14	70	10.89- 01.94	111544	12	1.4
		10.89- 01.94	111705	14	70	10.89- 01.94	111446	12	1.0
Celica 2.0 Turbo GT 4WD	(T16F)[3S-GTE]	03.88- 08.90	111435	14	70	03.88- 08.90	111446	12	1.0
		03.88- 08.90	111705	14	70	03.88- 08.90	111544	12	1.4
Corolla 1.2	(KE/TE)[3K-B]	09.76- 11.78	110138	14	40	09.76- 01.80	110153#	12	0.8
		09.76- 01.80	110139#	14	50				
		09.76- 01.80	110258	14	35				
		09.76- 01.80	110274#	14	40				
	[3K-C]	09.76- 11.78	110138	14	40	09.76- 01.80	110153#	12	0.8
		09.76- 01.80	110139#	14	50				
		09.76- 01.80	110258	14	35				
		09.76- 01.80	110274#	14	40				
	[3K-H]	09.76- 11.78	110138	14	40	09.76- 01.80	110153#	12	0.8
		09.76- 01.80	110139#	14	50				
		09.76- 01.80	110258	14	35				
		09.76- 01.80	110274#	14	40				
	(KE20)[3K-B]	10.72- 10.75	110137	14	30	04.69- 03.74	110150		
		10.72- 06.77	110138	14	40	04.74- 08.79	110153#	12	0.8
		10.72- 06.77	110274#	14	40				
	[3K-C]	10.72- 10.75	110137	14	30	04.69- 03.74	110150		
		10.72- 06.77	110138	14	40	04.74- 08.79	110153#	12	0.8
		10.72- 06.77	110274#	14	40				
	[3K-H]	10.72- 10.75	110137	14	30	04.69- 03.74	110150		
		10.72- 06.77	110138	14	40	04.74- 08.79	110153#	12	0.8
		10.72- 06.77	110274#	14	40				
	(KE20,25,30)[3K-B]	06.74- 12.79	110139#	14	50	08.74- 12.79	110153#	12	0.8
		08.74- 10.75	110137	14	30				
		08.74- 11.78	110138	14	40				
		08.74- 12.80	110258	14	35				
08.74- 12.80		110274#	14	40					
[3K-C]	06.74- 12.79	110139#	14	50	08.74- 12.79	110153#	12	0.8	
	08.74- 10.75	110137	14	30					
	08.74- 11.78	110138	14	40					
	08.74- 12.80	110258	14	35					
	08.74- 12.80	110274#	14	40					
[3K-H]	06.74- 12.79	110139#	14	50	08.74- 12.79	110153#	12	0.8	
	08.74- 10.75	110137	14	30					
	08.74- 11.78	110138	14	40					
	08.74- 10.75	110258	14	35					
	08.74- 12.80	110274#	14	40					
(KE35)[3K-B]	07.75- 11.78	110138	14	40	07.75- 01.80	110153#	12	0.8	
	07.75- 01.80	110139#	14	50					
	07.75- 01.80	110258	14	35					
	07.75- 01.80	110274#	14	40					
[3K-C]	07.75- 11.78	110138	14	40	07.75- 01.80	110153#	12	0.8	
	07.75- 01.80	110139#	14	50					
	07.75- 01.80	110258	14	35					
	07.75- 01.80	110274#	14	40					
[3K-H]	07.75- 11.78	110138	14	40	07.75- 01.80	110153#	12	0.8	
	07.75- 01.80	110139#	14	50					
	07.75- 01.80	110258	14	35					
	07.75- 01.80	110274#	14	40					
(KE36)[3K]	07.75- 11.78	110138	14	40	07.75- 01.80	110153#	12	0.8	
	07.75- 01.80	110139#	14	50					
	07.75- 01.80	110258	14	35					
	07.75- 01.80	110274#	14	40					
[3K-H]	07.75- 11.78	110138	14	40	07.75- 01.80	110153#	12	0.8	
	07.75- 01.80	110139#	14	50					
	07.75- 01.80	110258	14	35					
	07.75- 01.80	110274#	14	40					



Corolla 1.3	(AE, EE80)[2E-L]	10.84- 08.87	110250	14	50	03.85- 08.87	110709	12	1.0
		10.84- 08.87	110628	14	45	10.84- 08.87	110323	12	0.8
	[2E-LC]	10.84- 08.87	110250	14	50	05.85- 08.87	110709	12	1.0
		05.85- 08.87	110628	14	45	05.85- 08.87	110323	12	0.8
	(AE80)[2A-L]	06.83- 10.84	110250	14	50	06.83- 10.84	110290#	12	1.0
	(EE80)[2E-L]	10.84- 08.87	110628	14	45	10.84- 08.87	110323	12	0.8
		01.85- 08.87	110250	14	50	03.85- 08.87	110709	12	1.0
	[2E-LC]	01.85- 08.87	110250	14	50	05.85- 08.87	110709	12	1.0
		05.85- 08.87	110628	14	45	05.85- 08.87	110323	12	0.8
	(EE90)[2E]	08.87- 04.92	110628	14	45	08.87- 06.92	110709	12	1.0
					08.87- 06.92	110323	12	0.8	
(KE70)[4K]					09.79- 08.86	110153#	12	0.8	
	08.81- 08.87	110274#	14	40					
[4K-C]					08.79- 05.82	110153#	12	0.8	
	08.81- 04.83	110274#	14	40					
[2E-L]	10.84- 08.87	110628	14	45	10.84- 08.87	110323	12	0.8	
	05.85- 08.87	110250	14	50	03.85- 08.87	110709	12	1.0	
Corolla 1.3 XLI	(E10)[4E-FE]	05.92- 04.97	111518	14	70	09.95- 04.97	113121#	12	0.8
		05.92-	111678	14	60	09.95- 04.97	113665	12	1.2
						09.95- 04.97	113649	12	1.2
	(EE101)[4E-FE]	05.92- 04.97	111518	14	70	07.92- 04.97	113121#	12	0.8
	05.92-	111678	14	60	07.92- 04.97	113665	12	1.2	
					07.92- 05.95	110323	12	0.8	
					07.92- 05.95	110709	12	1.0	
					05.95- 04.97	110847	12	1.4	
					07.92- 04.97	113649	12	1.2	
Corolla 1.3 12V	(EE100)[2E]	05.92- 04.97	111678	14	60	05.92- 05.95	110323	12	0.8
		07.92- 04.97	111538	14	80				
Corolla 1.3 16V XLI	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 05.95	110709	12	1.0
					07.92- 05.95	110323	12	0.8	
					07.92- 05.95	113121#	12	0.8	
					07.92- 05.95	113649	12	1.2	
					07.92- 05.95	113665	12	1.2	
Corolla 1.3 i	(EE90)[2E]	08.87- 04.92	110628	14	45	08.87- 05.92	110323	12	0.8
		08.87- 12.92	111538	14	80	08.87- 05.92	110709	12	1.0
	[2E-E]	08.87- 12.92	111538	14	80	06.89- 04.92	110709	12	1.0
	06.89- 04.92	110628	14	45	06.89- 04.92	110323	12	0.8	
Corolla 1.4	[4E-FE]	04.97-	111518	14	70	04.97- 02.00	113665	12	1.2
					04.97- 02.00	113649	12	1.2	
	[4ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12	1.1
					02.00- 01.02	113339#	12	0.8	
Corolla 1.4 16V	[4ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12	1.1
					02.00- 01.02	113339#	12	0.8	
Corolla 1.4 16V GLI	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 05.95	110709	12	1.0
					07.92- 05.95	110323	12	0.8	
					07.92- 05.95	113121#	12	0.8	
					07.92- 05.95	113649	12	1.2	
					07.92- 05.95	113665	12	1.2	
Corolla 1.4 16V XLI	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 05.95	110709	12	1.0
					07.92- 05.95	110323	12	0.8	
					07.92- 05.95	113121#	12	0.8	
					07.92- 05.95	113649	12	1.2	
					07.92- 05.95	113665	12	1.2	
Corolla 1.4 VVTi	(E12)[4ZZ-FE]	01.02-	113296	14	80	01.02-	113271	12	1.1
		01.02- 05.04	114361	14	80	01.02-	113339#	12	0.8
	(E12_ 12J)[4ZZ-FE]	01.02-	113296	14	80	01.02-	113271	12	1.1
	01.02-	114361	14	80	01.02-	113339#	12	0.8	
Corolla 1.4 Diesel	( E12 ) [1ND-TV]	07.04-	113972	14	100	07.04-	114071	12	2.0
	( _E12U_ _E12J_ ) [1ND-TV]	07.04-	113972	14	100	07.04-	114071	12	2.0
	( E12 _ 12J ) [1ND-TV]	07.04-	113972	14	100	07.04-	114071	12	2.0
Corolla 1.6	( E9 ) [4A-F]	02.88- 05.92	110682	14	70	02.88- 05.92	110713	12	1.0
	(AE82)[4A-L]	06.83- 04.87	110250	14	50	01.84- 01.87	113806	12	1.0
						06.83- 08.87	110290#	12	1.0
	[4A-LC]	08.85- 04.87	110250	14	50	12.83- 07.87	110253#	12	1.0
						08.85- 08.87	110290#	12	1.0
						01.85- 01.87	113806	12	1.0
	(AE9_)[4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	111455	12	0.8
						11.89- 04.92	110713	12	1.0
						01.93- 06.93	113106#	12	1.4
	(AE92)[4A-F]	08.87- 04.92	110250	14	50	08.87- 04.92	110713	12	1.0
		08.87- 04.92	110682	14	70	08.87- 04.92	111455	12	0.8
						12.87- 04.92	111984	12	1.1
						01.87- 01.87	113806	12	1.1
	[4A-FE]	05.87- 04.92	110682	14	70	08.89- 04.92	110713	12	1.0
						08.89- 04.92	111455	12	0.8
	[4A-GE]	08.87- 08.89	110496	14	60	08.87- 04.92	110253#	12	1.0
		08.87- 04.92	111435	14	70	01.87- 01.87	113806	12	1.0
		08.89- 04.92	110681	14	70				
	(AE95)[4A-FE]	08.88- 04.92	110682	14	70	09.87-	110712#	12	1.0
						08.88- 04.92	110713	12	1.0
						08.88- 04.92	111455	12	0.8
	(KE/TE)[2T]	09.76- 01.80	110138	14	40				
		09.76- 01.80	110139#	14	50				
		09.76- 01.80	110258	14	35				
	[2TB]	09.76- 01.80	110138	14	40				
		09.76- 01.80	110139#	14	50				
	(TE71)[2T]	09.79- 05.83	110138	14	40	09.79- 05.83	110261	12	1.0
		09.79- 05.83	110139#	14	50				
		09.79- 09.83	110258	14	35				
	09.79- 05.83	110274#	14	40					
[2TB]	09.79- 05.83	110138	14	40	09.79- 05.83	110261	12	1.0	
	09.79- 05.83	110139#	14	50					
	09.79- 05.83	110258	14	35					
[3ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113106#	12	1.4	
					02.00- 01.02	113271	12	1.1	
					02.00- 01.02	113339#	12	0.8	
[4A-F]	08.87- 04.92	110250	14	50	01.87- 01.87	113806	12	1.0	
	08.87- 04.92	110682	14	70	08.87- 04.92	110713	12	1.0	
[4A-FE]	04.97- 10.99	111579	14	70	04.97- 01.02	113106#	12	1.4	
	04.97- 10.99	112860	14	80	04.97-	111455	12	0.8	
					04.97-	112033	12	1.1	
[4A-L]	06.83- 04.87	110250	14	50	01.84- 01.87	113806	12	1.0	
					06.83- 08.87	110290#	12	1.0	
					08.85- 08.87	110290#	12	1.0	
					08.84- 08.87	113806	12	1.0	
Corolla 1.6 FX	(E8B)[4A-C]	05.83- 04.87	110250	14	50	05.83- 04.87	110290#	12	1.0
	[4A-LC]				01.87- 01.87	113806	12	1.0	
Corolla 1.6 GLI	(AE101)[4A-FE]	05.92-	111579	14	70	05.92- 04.97	111455	12	0.8
		05.92-	112860	14	80	05.92- 04.95	110713	12	1.0
						05.95- 04.97	112033	12	1.1
					01.93- 04.97	113106#	12	1.4	
Corolla 1.6 GT	(TE71)[2T-G]	05.80- 05.83	110138	14	40	05.80- 04.83	110261	12	1.0
		05.80- 05.83	110139#	14	50				
		05.80- 09.83	110258	14	35				
		05.80- 09.83	110274#	14	40				
Corolla 1.6 Verso	(ZER_ ZZE_)[3ZZ-FE]				04.04-	113106#	12	1.4	
Corolla 1.6 XLI	[4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	110713	12	1.0
						11.89- 04.92	111455	12	0.8



Application list

TOYOTA Continued

Corolla 1.6 16V	(AE86)[4A-GE]	08.83- 08.87 08.83- 07.88 12.85- 04.87 08.86- 08.87	110496 111435 110273 110681	14 14 14 14	60 70 50 70	08.83- 08.87 01.84- 01.87	110253# 113806	12 12	1.0 1.0
	[3ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02 02.00- 01.02 02.00- 01.02	113106# 113271 113339#	12 12 12	1.4 1.1 0.8
Corolla 1.6 GTI	[4A-GEC]	12.85- 10.87 12.85- 04.87 08.86- 10.87	110496 111435 110681	14 14 14	60 70 70	12.85- 08.87	110253#	12	1.0
	[4A-GEL]	08.85- 08.87 08.85- 08.87	110496 111435	14 14	60 70	08.85- 08.87 01.85- 01.87	110253# 113806	12	1.0
	(.E9_) [4A-GE]	07.87- 08.89 07.87- 06.93 08.89- 04.92	110496 111435 110681	14 14 14	60 70 70	07.87- 06.93 01.93- 06.93	110253# 113106#	12 12	1.0 1.4
Corolla 1.6 i	(AE92)[4A-FE]	08.89- 04.92	110682	14	70	08.89- 04.92 08.89- 04.92	111455 110713	12 12	0.8 1.0
Corolla 1.6 i 4WD	(.E9_) [4A-FE]	10.87- 08.90	110682	14	70	10.87- 08.90 10.87- 08.90	111445 110713	12 12	2.0 1.0
Corolla 1.6 Si	(AE101)[4A-FE]	05.92- 05.92-	111579 112860	14 14	70 80	05.95- 04.97 01.93- 04.97 05.92- 04.95	112033 113106# 110713	12 12 12	1.1 1.4 1.0
	AT 09.95- 04.97	111579	14	70	05.92- 04.97	111455	12	0.8	
	(E10)[4A-FE]	05.95- 04.97 05.95- 04.97 01.93- 04.97	111455 112033 113106#	12 12 12	0.8 1.1 1.4				
Corolla 1.6 VVTi	(.E12U_ _E12J_) [1ZR-FE]	10.06-	114361	14	80				
	(E12_ _12J_) [3ZZ-FE]	01.02- 01.02-	113296 114361	14 14	80 80	01.02- 01.02-	113271 113106#	12 12	1.1 1.4
Corolla 1.6 VVTi Verso	(E12) [3ZZ-FE]	01.02- 01.02- 05.04	113296 114361	14 14	80 80	01.02- 05.04 01.02- 05.04	113271 113106#	12 12	1.1 1.4
Corolla 1.8 4WD	[7A-FE]	04.97- 07.01	111579	14	70	04.97- 01.02 04.97- 07.01	113106# 112033	12 12	1.4 1.1 ND
Corolla 1.8 GT	(AE102)[7A-FE]					01.93- 05.95	113106#	12	1.4
Corolla 1.8 Verso	(ZER_ _ZZE_) [1ZZ-FE]					04.04-	113106#	12	1.4
Corolla 1.8 VVTL-i TS	(.E12U_ _E12J_) [2ZZ-GE]					10.05-	114419	12	1.2
Corolla 1.8 16V 4WD	(E10)[7A-FE]	09.95- 04.97	111518	14	70	01.93- 04.97 09.95- 04.97	113106# 111984	12 12	1.4 1.1
Corolla 1.8 GTi 4x4	(.E10_)					01.93- 07.95	113106#	12	1.4
Corolla 1.8 i 16V Verso	(E12)[1ZZ-FE]	09.01- 05.04	114361	14	80	09.01- 05.04 01.02-	113106# 113271	12 12	1.4 1.1
Corolla 1.8 i WTL-i TS	(E12_ _12J_) [2ZZ-GE]					01.02- 09.01- 09.01-	113106# 113271 113339#	12 12 12	1.4 1.1 0.8
Corolla 1.8 VVTL-i TS	(.E12U_ _E12J_) [2ZZ-GE]					02.05-	113106#	12	1.4
Corolla 1.8 Diesel	(.E9_) [1C]	10.87- 05.89 06.89- 04.92	110684 110686	14 14	55 60	01.93- 06.93 A13 07.87- 06.92	113106# 111564	12 12	1.4 2.2
	(.E7_) [1C]					01.83-	111386	12	2.0
	(AE9_) [1C]	06.89- 04.92	110686	14	60	A13 11.89- 06.92 01.93- 06.93	111564 113106#	12 12	2.2 1.4
	(CE80)[1C-L]					A13 06.83- 08.87	111386	12	2.0
	(CE90)[1C]	08.87- 05.89 05.89- 04.92	110684 110686	14 14	55 60	A13 05.87- 04.92	111564	12	2.2
	(TE71)[1C]					A13 10.82- 05.83	111386	12	2.0
	[1C]					A13 05.87- 05.88 A13 06.83- 04.87	111564 111386	12 12	2.2 2.0
	[1C-L]	10.87- 05.88	110684	14	55	A13 05.87- 05.88 A13 07.85- 08.87	111564 111386	12 12	2.2 2.0
						A13 06.83- 05.88	111386	12	2.0
						A13 01.85- 05.88	111386	12	2.0
Corolla 2.0 D-4D	(.E11_) [1CD-FTV]	09.00- 05.04	114227	14	120	09.00- 09.00- 01.02	111874 114240	12 12	2.2 1.4
	(.E12_ _E12T_) [1CD-FTV]	08.02-	114010	14	100	08.02-	112006	12	2.0
	(.E12U_ _E12T_) [1CD-FTV]	04.04-	114010	14	100	04.04-	114240	12	1.4
		04.04-	114101	14	90	04.04-	112006	12	2.0
	(.E12U_ _E12J_) [1CD-FTV]	05.03-	114010	14	100	05.03-	114240	12	1.4
		05.03- 05.03-	114101 114115	14 14	90 130	10.01- 10.01-	111874 112006	12 12	2.2 2.0
	(ADE150R) [1AD-FTV]					01.07-	114216	12	2.0
	(E12_ _12J_) [1CD-FTV]	01.02- 01.02-	114101 114115	14 14	90 130	01.02- 01.02- 01.02-	111874 112006 114240	12 12 12	2.2 2.0 1.4
Corolla 2.0 D-4D Verso	(E12) [1CD-FTV]	01.02- 05.04 01.02- 05.04	114101 114115	14 14	90 130	01.02- 05.04 01.02- 01.02-	114240 111874 112006	12 12 12	1.4 2.2 2.0
	(ZER_ _ZZE_) [1CD-FTV]	04.04-	114010	14	100	04.04-	112006	12	2.0
Corolla 2.0 Diesel	(CE100)[2C]	05.92-	111507	14	80	05.92- 05.95	111554	12	1.4
	[2C]	05.92-	111507	14	80	05.92- 05.95	111554	12	1.4
	[2C-E]	04.97-	111507	14	80	04.97- 09.99 04.97-	112364 111969	12 12	2.2 2.2
Corolla 2.0 Diesel XL	(CE100)[2C]	05.92-	111507	14	80	A13 05.95- 04.97 06.91- 05.92- 05.95 05.95- 04.97	111969 111386 111554 112364	12 12 12	2.2 2.0 1.4
Corolla 2.2 D-4D	(.E11_ _) [2AD-FHV]	11.06-	114390	14	100	11.06-	114216	12	2.0
Corolla 2.2 D-4D Verso	(ZER_ _ZZE_) [2AD-FHV]	10.05-	114390	14	100	10.05-	114216	12	2.0
	[2AD-FTV]	10.05-	114390	14	100	10.05-	114216	12	2.0
Corona 1.8	(TT1) [3T]	06.79- 01.81 06.79- 01.81 06.79- 01.81	110138 110139# 110258	14 14 14	40 50 35				
	[3T]	06.79- 12.81 06.79- 12.81 06.79- 07.81	110138 110139# 110258	14 14 14	40 50 35				
		06.79- 12.81 01.76- 05.79 01.76- 05.79	110138 110139# 110258	14 14 14	40 50 35	01.76- 01.77	110152	12	0.9
Corona 2.0	(RT104) [18R]	01.76- 05.79 01.76- 05.79 01.76- 05.79	110138 110139# 110258	14 14 14	40 50 35	01.76- 01.77	110152	12	0.9
	[18R]	09.75- 05.79 09.75- 05.79 09.75- 05.79	110138 110139# 110258	14 14 14	40 50 35	09.75- 01.77	110152	12	0.9
		12.75- 10.77 12.75- 10.77 12.75- 10.77	110138 110139# 110258	14 14 14	40 50 35	12.75- 01.77	110152	12	0.9
Corona MK 2.0	(RX12) [18R]	07.77- 07.81 07.77- 07.81 07.77- 07.81	110138 110139# 110258	14 14 14	40 50 35	07.77- 07.81	110152	12	0.9
		07.77- 07.81	110274#	14	40				
Cressida 2.0	(.X6_) [21R]	05.81- 07.82 05.81- 03.85 05.81- 03.85 05.81- 03.85	110138 110139# 110258 110274#	14 14 14 14	40 50 35 40	05.81- 03.85	110152	12	0.9
	[21R-C]	05.81- 07.82 05.81- 08.83 05.81- 03.85 05.81- 03.85	110138 110139# 110258 110274#	14 14 14 14	40 50 35 40	05.81- 08.83	110152	12	0.9
		07.77- 07.81 07.77- 07.81 07.77- 07.81	110138 110139# 110258	14 14 14	40 50 35	07.77- 07.81	110152	12	0.9
		07.77- 07.81	110274#	14	40				



	(RX35)[18R]	12.77- 03.81	110138	14	40			12.77- 03.81	110152	12	0.9
		12.77- 03.81	110139#	14	50						
		12.77- 03.81	110258	14	35						
	[21R]	09.80- 03.85	110139#	14	50			02.81- 07.82	110152	12	0.9
		02.81- 07.82	110138	14	40						
		02.81- 03.85	110258	14	35						
		02.81- 03.85	110274#	14	40						
Cressida 2.0 GLI	(X6 )[1G-E]	11.82- 12.84	110139#	14	50			11.82- 12.84	110399	12	1.0
Cressida 2.2 Diesel	(X6 )[L]					VP		01.83- 12.84	111387	12	2.0
	[L]							06.81- 12.84	111387	12	2.0
Crown 2.2 Diesel	(S1 )[L]					VP		04.80- 07.83	111387	12	2.0
								04.80- 07.83	110708	12	2.7
Crown 2.8	(S1 )[SM-E]							06.79- 07.83	110396	12	1.4
Crown 2.8 i	(S1 )[SM-GE]							08.83- 09.85	110396	12	1.4
Dyna 2.0	[3Y]	09.84- 08.87	110248	14	40			09.84- 08.87	110397	12	1.0
	[5R]	01.77- 01.77	110137	14	30						
		01.77- 01.77	110138	14	40						
Dyna 2.4 Diesel	[2J]							09.84- 08.87	110397	12	1.0
Dyna 3.4 Diesel	[13B]	08.77- 08.87	111613	28	50			09.84- 08.87	110397	12	1.0
Dyna 100 1.8	(YH81)[2Y]	08.85- 08.85	111616	14	40			08.85- 01.95	110397	12	1.0
Dyna 100 2.4 Diesel	(LH80)[2L]	08.88- 01.91	111483	14	55			09.93- 05.95	112336	12	2.0
	(LY100)[2L]	01.96- 01.01	112054	14	45			05.95- 08.01	113936	12	2.7
								05.95- 08.01	112336	12	2.0
Dyna 150 2.8 Diesel	(LY61)[3L]	08.87- 01.92	111483	14	55			08.85- 05.95	113936	12	2.7
								08.89- 09.93	111387	12	2.0
								09.93- 05.95	112336	12	2.0
Dyna 200 3.0 Diesel	(BU )[B]	09.84- 08.88	111613	28	50			09.84- 08.88	110474#	24	4.5
	(BU61)[11B]	08.88- 09.93	111603#	28	30						
		09.93- 05.95	112211	28	30						
Dyna 300 3.4 Diesel	(BU85)[13B]	09.84- 08.87	111613	28	50			09.84- 08.87	111401#	24	4.5
Hiace 1.6	(RH11, 16, 20, 30, 40)[12R]	01.79- 04.83	110138	14	40			01.79- 04.83	110154	12	0.8
		01.79- 04.83	110139#	14	50						
		01.79- 12.84	110258	14	35			10.81- 07.83	110260	12	1.0
	[12R]	02.77- 03.83	110138	14	40						
		02.77- 03.83	110139#	14	50			02.77- 03.83	110154	12	0.8
		02.77- 03.83	110258	14	35						
Hiace 1.8	(H5G)[2Y]	03.83- 08.89	110248	14	40			03.83- 08.89	110397	12	1.0
	[2Y]	03.83- 08.89	110248	14	40			03.83- 08.89	110397	12	1.0
		03.83- 11.89	111616	14	40						
Hiace 2.0	(H10_)[1RZ]	02.90- 08.95	111428	14	60			02.90- 08.93	111785	12	1.0
		02.90- 08.95	111616	14	40			08.93- 08.95	111581	12	1.0
								A13 08.93- 08.95	111784	12	1.4
	(H5G)[3Y]	06.84- 08.89	110248	14	40			06.84- 08.89	110397	12	1.0
	(RZH102)[1RZ]	08.89- 08.93	111428	14	60			01.93- 08.95	113174#	12	1.8
		08.89- 08.95	111616	14	40			A13 08.93- 08.95	111784	12	1.4
								08.93- 08.95	111581	12	1.0
								08.89- 08.93	111785	12	1.0
	[18R]	07.77- 03.83	110138	14	40			07.77- 03.83	110152	12	0.9
		07.77- 03.83	110139#	14	50						
		07.77- 03.83	110258	14	35						
	[3Y]	06.84- 08.89	110248	14	40			06.84- 08.89	110397	12	1.0
Hiace 2.2 Diesel	(H5G)[L]	03.83- 11.89	111483	14	55			03.83- 01.84	111387	12	2.0
	[L]							07.79- 05.84	110708	12	2.7
		01.79- 11.89	111483	14	55			01.79- 01.84	111387	12	2.0
		08.89- 08.95	111428	14	60			01.79- 05.84	110708	12	2.7
Hiace 2.4	(RZH103)[2RZ-E]	08.89- 08.95	111428	14	60			08.93- 08.95	111581	12	1.0
								A13 08.93- 08.95	111784	12	1.4
								08.89- 08.93	111785	12	1.0
								08.95- 12.95	113174#	12	1.8
	[2RZ-E]	08.89- 08.95	111428	14	60			A13 08.93- 08.01	111784	12	1.4
		08.95- 11.2357	14	70				08.95-	112336	12	2.0
		08.95- 11.2358	14	55				08.95- 04.98	113174#	12	1.8
								08.93- 07.99	111581	12	1.0
								08.89- 08.93	111785	12	1.0
Hiace 2.4 4WD	(H12, 22)[2RZ-E]	08.95- 04.98	112357	14	70			A13 08.96-	111784	12	1.4
		08.95- 04.98	112358	14	55			08.95- 12.95	113174#	12	1.8
								08.96-	111581	12	1.0
	(H18, 22)[2RZ-E]	08.95- 04.98	112357	14	70			08.95-	112336	12	2.0
		08.95- 04.98	112358	14	55			08.95- 12.95	113174#	12	1.8
								A13 08.96-	111581	12	1.0
								08.96-	111784	12	1.4
	[2RZ-E]	08.89- 08.95	111428	14	60			08.93- 08.95	111581	12	1.0
								A13 08.93- 08.95	111784	12	1.4
								08.89- 08.93	111785	12	1.0
								08.95- 08.95	113174#	12	1.8
Hiace 2.4 Diesel	(H10_)[2L]	08.89- 08.93	111605	14	70			A13 02.90- 08.95	113936	12	2.7
		08.93- 08.95	111601	14	70			08.93- 08.95	112336	12	2.0
		08.93- 08.95	111961	14	60			08.89- 08.93	111387	12	2.0
	(H12G)[2L]							A13 08.89- 08.93	110708	12	2.7
								07.99-	110708	12	2.7
								07.99-	113936	12	2.7
	(H5G)[2L]	08.84- 08.89	111483	14	55			06.84- 08.89	111387	12	2.0
	(LH102)[2L]	08.89- 08.93	111483	14	55	VP		06.84- 08.89	110708	12	2.7
		08.89- 08.93	111605	14	70			A13 08.89- 08.95	113936	12	2.7
		08.93- 08.95	111601	14	70			A13 08.89- 08.93	110708	12	2.7
		08.93- 08.95	111960	14	80			08.93- 08.95	112336	12	2.0
		08.93- 08.95	111961	14	60			08.89- 08.93	111387	12	2.0
	[2L]	05.84- 11.89	111483	14	55			A13 10.93- 08.95	113936	12	2.7
		08.93- 08.95	111601	14	70	VP		05.84- 11.89	110708	12	2.7
		08.93- 08.95	111961	14	60	VP		05.84- 11.89	111387	12	2.0
		08.95- 11.963	14	80				08.93- 03.98	112336	12	2.0
		08.95- 11.2357	14	70							
Hiace 2.4 Diesel 4WD	(H10_)[2L]	08.89- 08.95	111601	14	70			08.89- 08.95	111387	12	2.0
								08.89- 08.95	110152	12	0.9
								08.89- 08.95	110708	12	2.7
	(H5F)[2L]	01.87- 01.88	111483	14	55			01.87- 01.88	110708	12	2.7
								01.87- 01.88	111387	12	2.0
Hiace 2.4 TD	(H18, 22)[2L-T]							A13 08.95-	113936	12	2.7
								08.95-	110708	12	2.7
								08.95-	111387	12	2.0
	[2L-T]		111963	14	80	VP		08.95-	112336	12	2.0
								08.95-	113936	12	2.7
Hiace 2.4 TD 4WD	(H18, 22)[2L-T]	08.95-	111963	14	80			A13 08.95-	113936	12	2.7
								08.95-	113936	12	2.7
Hiace 2.5 D-4D	(H1 , H2 ) [2KD-FTV]							08.06-	113938	12	2.7
	(H1 , H2 ) [2KD-FTV]							08.06-	113938	12	2.7
	[2KD-FTV]							11.01-	113938	12	2.7
Hiace 2.5 D-4D 4WD	(H1 , H2 ) [2KD-FTV]							11.01-	113938	12	2.7
Hiace 2.7	(H12)[3RZ-FE]	04.98-	112357	14	70			04.98-	111784	12	1.4
	(H12G)[3RZ-FE]	04.98-	112357	14	70		</				





TOYOTA Continued

Hilux 2.4	[22RE]	08.89- 07.92	113077	14	70	08.89- 05.92	111785	12	1.0	
						08.89- 08.97	110260	12	1.0	
						08.89- 07.93	110411	12	1.4	
						08.93- 08.97	113108	12	1.4	
Hilux 2.4 4WD	[22R]	08.88- 07.92	113077	14	70	08.88- 07.93	110411	12	1.4	
						08.88- 08.97	110260	12	1.0	
						08.93- 08.97	113108	12	1.4	
						08.97- 08.97	111581	12	1.0	
Hilux 2.4 I 4WD	[2RZ-FE]					08.97-	111784	12	1.4	
						08.97-	111784	12	1.4	
Hilux 2.4 Diesel	(N108)[2L]	01.92-	114203	14	60	01.92-	113936	12	2.7	
						08.91- 07.93	110708	12	2.7	
	[2L]	03.89-	11483	14	55	A13 03.95-	03.95-	113936	12	2.7
							03.95-	112336	12	2.0
							03.89-	110708	12	2.7
							03.89- 01.02	111387	12	2.0
Hilux 2.4 Diesel 4WD	( N ) [2L]	01.84- 08.88	114372	14	50	08.83- 04.89	111387	12	2.0	
						03.89-	110708	12	2.7	
	[2L]	03.89-	112054	14	45	03.89-	111387	12	2.0	
							01.94-	114372	14	50
Hilux 2.4 TD 4WD	[2L-T]					05.98-	112336	12	2.0	
Hilux 2.5 D-4D	[2KD-FTV]	11.01-	114024	14	70	08.98- 01.02	113936	12	2.7	
Hilux 2.5 D-4D 4WD	[2KD-FTV]	11.01-	114024	14	70	11.01-	113938	12	2.7	
Hilux 2.5 D-4D 4x4	(N25)[2KD-FTV]	12.07-	114024	14	70					
Hilux 2.8 Diesel 4x4	( N ) [3L]	08.94- 07.01	114369	14	100					
Hilux 3.4 4x4	( N ) [5VZ-FE]	08.94- 07.00	114362	14	80					
Land Cruiser 2.4	(RJ70,73)[22R]	11.84- 12.89	110138	14	40	11.84- 12.89	110260	12	1.0	
						11.84- 12.89	110139#	14	50	
						11.84- 12.89	110258	14	35	
	[22RE]	01.90- 11.90	110250	14	50	▲	12.88- 12.96	113239	12	2.5
							01.90- 05.93	110260	12	1.0
							01.90- 05.93	110411	12	1.4
Land Cruiser 2.4 Diesel	(LJ70)[2L]					11.84- 10.85	110708	12	2.7	
						11.84- 10.85	111387	12	2.0	
						11.84- 10.85	113239	12	2.5	
						01.90- 08.93	110708	12	2.7	
						01.90- 08.93	111387	12	2.0	
						08.93- 01.95	112336	12	2.0	
Land Cruiser 2.4 TD	(LJ70)[2L-T]					01.90- 08.93	110708	12	2.7	
						01.90- 08.93	111387	12	2.0	
						08.93- 01.95	112336	12	2.0	
						01.90- 05.93	113239	12	2.5	
						09.92- 01.95	113936	12	2.7	
						10.85- 05.90	113239	12	2.5	
	(LJ70,73)[2L-T]	10.85- 05.90	111483	14	55		10.85- 12.89	110708	12	2.7
							10.85- 12.89	111387	12	2.0
							01.90- 08.93	110708	12	2.7
							01.90- 08.93	111387	12	2.0
							08.93- 01.95	112336	12	2.0
							07.90- 05.96	113239	12	2.5
Land Cruiser 2.6 Diesel	(HJ45_P)[H]					11.84- 12.89	110708	12	2.7	
						01.75- 07.80	113239	12	2.5	
						01.90- 08.01	113239	12	2.5	
						10.00-	113239	12	2.5	
						10.00-	113757	12	2.2	
						10.00-	113938	12	2.7	
Land Cruiser 2.8 TD 4x4	( J7 ) [3L]	01.90- 08.01	114369	14	100	08.04-	113938	12	2.7	
Land Cruiser 3.0 D-4D	(J9_)[1KD-FTV]					01.05-	113969	14	100	
						01.05-	113239	12	2.5	
						01.05-	113757	12	2.2	
						01.05-	113938	12	2.7	
						01.03-	113239	12	2.5	
Land Cruiser 3.0 Diesel	(BJ40_V, BJ43_)[B]	02.74- 10.84	110563	28	15	02.74- 10.84	113239	12	2.5	
						04.82- 10.84	111484	28	50	
Land Cruiser 3.0 TD	(KZJ70)[1KZ-T]					05.93- 05.96	113239	12	2.5	
						05.93- 05.96	113757	12	2.2	
						05.93- 05.96	113239	12	2.5	
Land Cruiser 3.0 TD 4WD	[1KZ-TE]	04.96-	112063	14	70	A13 04.96-	113938	12	2.7	
						04.96-	113239	12	2.5	
						04.96-	113757	12	2.2	
						04.96-	113312	12	1.4	
Land Cruiser 3.4 I 24V 4WD	[5VZ-FE]	04.96- 12.98	112063	14	70	01.96-	113312	12	2.5	
						04.96-	113239	12	2.5	
Land Cruiser 3.4 Diesel	(BJ42_V, BJ45_V, BJ46)[3B]	08.80- 10.84	110563	28	15	08.80- 10.84	113239	12	2.5	
						04.82- 08.88	111484	28	50	
						08.80- 10.84	110563	28	15	
						04.82- 10.84	111484	28	50	
						10.81- 08.87	111613	28	50	
						04.82- 08.88	111484	28	50	
						PS 05.82- 08.88	111484	28	50	
						11.84- 12.96	111484	28	50	
						10.85- 08.86	111597#	28	30	
						04.79- 07.80	113239	12	2.5	
Land Cruiser 3.4 TD	(BJ71_V)[13BT]	10.85- 01.90	111597#	28	30	04.79- 07.80	113239	12	2.5	
						03.69- 01.75	113239	12	2.5	
Land Cruiser 3.6 Diesel	(HJ45_V)[H]					03.69- 01.75	113239	12	2.5	
						03.69- 01.75	113239	12	2.5	
Land Cruiser 3.9	(FJ40, FJ43, FJ45, FJ)[F]					11.84- 08.87	113239	12	2.5	
						01.03-	113239	12	2.5	
Land Cruiser 4.0	(FJ62_V)[3F]	[1GR-FE]				01.03-	113809	12	2.2	
						01.03-	113239	12	2.5	
						08.87- 08.92	113239	12	2.5	
						08.80- 06.85	110583#	12	2.5	
Land Cruiser 4.0 Diesel	(HJ47_P)[2H]					08.80- 10.84	113239	12	2.5	
						08.80- 10.84	110581	24	4.5	
						08.80- 06.85	110583#	12	2.5	
						08.80- 10.84	113239	12	2.5	
						10.81- 01.88	113239	12	2.5	
						08.80- 07.87	110581	24	4.5	
Land Cruiser 4.0 TD	(HJ61)[12HT]					08.80- 10.82	110583#	12	2.5	
						01.85- 12.87	113239	12	2.5	
						01.85- 07.87	110581	24	4.5	
						10.85- 12.89	110581	24	4.5	
Land Cruiser 4.2	(FJ40_V, FJ43_ FJ45_V)[2F]					10.85- 12.89	113239	12	2.5	
						01.75- 04.86	113239	12	2.5	
Land Cruiser 4.2 Diesel	(FJ60)[2F]	10.81- 01.88	110563	28	15	10.81- 01.88	113239	12	2.5	
						01.75- 04.86	113239	12	2.5	
						01.90- 08.92	111780	14	60	
						01.90- 08.92	111781	14	80	
Land Cruiser 4.2 TD	(HJ80)[1HD-FT]	01.95- 01.98	112356	14	80	08.92-	112356	14	80	
						08.92-	112360	14	60	
						03.95- 12.97	113239	12	2.5	
						01.95- 05.96	111679	24	4.5	
						03.95- 12.97	112366#	24	4.5	
						01.90- 12.95	111679	24	4.5	
	(HJ80)[1HD-T]	01.90- 08.92	111780	14	60		01.90- 08.92	111781	14	80
							01.90- 08.92	111782	28	30
							08.92-	112356	14	80
							08.92-	112360	14	60
(HJ77_V)[1H-Z]	01.90-	111782	28	30		01.90- 12.95	111679	24	4.5	
						01.96-	112366#	24	4.5	
						01.90-	113239	12	2.5	
						01.90-	113239	12	2.5	
Land Cruiser 4.2 TD 100	(J10)[1HD-FTE]	01.98-	112356	14	80	01.98-	114286	12	3.0	
Land Cruiser 4.5 24V	(FZJ80)[1FZ-FE]					01.98-	113239	12	2.5	
						08.92- 12.97	113239	12	2.5	



Land Cruiser 4.5 D-4D	(J20)[1VD-FT]	01 08-	113973	14	120				
Land Cruiser 4.7	[2UZ-FE]	02 02-	114433	14	80				
Land Cruiser 4.7 V8 32V	[2UZ-FE]	01 98-	114433	14	80			02 02-	113239 12 2.5
								01 98-	114440 12 1.4
								01 98-	113239 12 2.5
Liteace 1.3	(KM2)[4K]	10.79- 08.85	110138	14	40			10.79- 08.85	110153# 12 0.8
		10.79- 08.85	110139#	14	50				
		10.79- 10.86	110258	14	35				
	[4K-C]	10.79- 08.85	110138	14	40			10.79- 08.85	110153# 12 0.8
		10.79- 08.85	110139#	14	50				
		10.79- 08.85	110258	14	35				
	(M2_G)[4K]	10.79- 09.85	110138	14	40			10.79- 09.85	110513
		10.79- 09.85	110258	14	35				
Liteace 1.5	(KR21LG)[5K]	01 92- 01 95	110138	14	40				
		01 92- 01 95	110258	14	35				
	(KR27_V)[5K]	01 92- 01 95	110138	14	40				
		01 92- 01 95	110258	14	35				
	(M3)[5K]	05.86- 12.91	110138	14	40				
		05.86- 12.91	110139#	14	50				
		05.86- 09.91	110258	14	35				
		05.86- 09.91	110274#	14	40				
	[5K]	10.85- 12.91	110138	14	40				
		10.85- 12.91	110139#	14	50				
		10.85- 12.91	110258	14	35				
		07.89- 01.92	110274#	14	40				
Liteace 1.8 Diesel	(CM30_V)[1C]	11.83- 08.85	110248	14	40			10.82- 08.85	111386 12 2.0
	(M2_G)[1C]							11.83- 08.85	110397 12 1.0
Liteace 2.0 Diesel	(CM30LG)[2C]	08.88- 01.92	110685#	14	55			08.88- 01.92	111564 12 2.2
		08.88- 01.92	111615#	14	70				
	(CM36)[2C]	08.88- 01.92	110685#	14	55			08.88- 01.92	111564 12 2.2
		08.88- 01.92	111615#	14	70				
	(CR27_V)[2C]	01 92- 05.94	110685#	14	55				
	[2C]	01 92- 05.94	110685#	14	55				
Liteace 2.2	(YR22LG)[4Y-EC]	08.88- 01 90	110675	14	75				
Model F 1.8	(YR20)[2Y]	11.82- 08.84	110248	14	40			11.82- 08.84	110397 12 1.0
	[2Y-C]	11.82- 08.84	110248	14	40			11.82- 08.84	110397 12 1.0
Model F 2.0	(YR20)[3Y]	08.88- 01 90	111428	14	60			08.88- 01 90	110397 12 1.0
	(YR21)[3Y]	11.82- 08.85	110248	14	40			08.84- 08.88	110397 12 1.0
		09.85- 08.88	111428	14	60				
	[3Y-C]	11.82- 08.85	110248	14	40			08.84- 08.88	110397 12 1.0
		09.85- 08.88	111428	14	60				
MR2 1.6 16V	(AW11)[4A-GEL]	11.84- 12.89	110496	14	60			11.84- 11.89	110253# 12 1.0
		11.84- 12.89	110681	14	70				
		11.84- 06.90	111435	14	70				
	[4A-GELC]	11.84- 12.89	110496	14	60			11.84- 11.89	110253# 12 1.0
		11.84- 12.89	110681	14	70				
		11.84- 06.90	111435	14	70				
MR2 1.8 VVTI 16V	(ZZW30)[1ZZ-FE]	04.00-	114361	14	80			12.99-	111785 12 1.0
MR2 2.0 16V	(SV20)[3S-GE]	12.89- 05.00	111435	14	70			12.89-	111544 12 1.4
		12.89- 11.92	111538	14	80				
		12.89- 11.92	112102	14	90				
		12.89- 05.00	113201	14	80				
		11.92-	112101	14	80				
	(SW20)[3S-GE]	12.89- 05.00	111435	14	70			12.89-	111544 12 1.4
		12.89- 11.92	111538	14	80				
		12.89- 11.92	112102	14	90				
		12.89- 05.00	113201	14	80				
		11.92-	112101	14	80				
	[3S-GE]	12.89- 05.00	111435	14	70			12.89-	111544 12 1.4
		12.89- 11.92	111538	14	80				
		12.89- 11.92	112102	14	90				
		12.89- 05.00	113201	14	80				
		11.92-	112101	14	80				
Paseo 1.5 16V	(EL54)[5E-FE]	08.95-	111518	14	70			08.95- 07.99	113649 12 1.2
		08.95- 07.99	111678	14	60			08.95- 07.99	113665 12 1.2
		AT 08.95-	111518	14	70				
Picnic 2.0	(_XM10_)[3S-FE]	09.96- 05.01	111468	14	80			09.96- 05.01	111550 12 1.4
		09.96- 05.01	111517	14	70			09.96- 05.01	111463 12 1.0
Picnic 2.0 16V	(XM1)[3S-FE]	05.96-	111517	14	70			05.96-	111463 12 1.0
		AT 05.96-	111468	14	80			05.96-	111550 12 1.4
Picnic 2.2 Diesel	[3C-TE]	08.97-	112363	14	80			09.97-	111874 12 2.2
								08.97- 12.01	114240 12 1.4
Previa 2.0 D-4D	(ACR3_) [1CD-FTV]	03 01-	114115	14	130			03 01-	111874 12 2.2
Previa 2.4	[2TZ-FE]	05.90- 08.91	111536	14	70			05.90-	111682 12 1.4
		05.91- 08.93	111482	14	70			A13 05.90-	111556# 12 1.6
		08.93-	111537	14	70				
Previa 2.4 4WD	[2TZ-FE]	05.90- 08.91	111536	14	70			08.90-	111682 12 1.4
		09.91- 08.93	111482	14	70			A13 08.90-	111556# 12 1.6
		08.93-	111537	14	70				
Previa 2.4 16V	(ACR3)[2AZ-FE]	AC 08.00-	114273	14	100			08.00-	112367 12 1.4
RAV 4 1.8 i 16V	(XA2)[1ZZ-FE]	02 01-	114361	14	80			05.00-	113271 12 1.1
								05.00-	113339# 12 0.8
RAV 4 2.0 16V	(4WD)[3S-FE]	04.94- 09.97	111468	14	80			A13 04.94-	111550 12 1.4
		04.94-	111517	14	70			04.94-	111463 12 1.0
	[3S-FE]	04.94- 09.97	111468	14	80			04.94-	111463 12 1.0
		04.94-	111517	14	70			A13 04.94-	111550 12 1.4
RAV 4 2.0 i 16V 4WD	(XA2)[1AZ-FE]	06.00-	113902	14	100			06.00-	112367 12 1.4
		06.00-	114186	14	90				
		07 03-	114273	14	100				
RAV 4 2.0 VVTI	(ACA_, ACE_)[1AZ-FE]	03 06-	114246	14	100			03 06-	114255 12 1.3
RAV 4 2.0 D-4D 4WD	(XA2)[1CD-FTV]	09 01-	114115	14	130			09 01-	114240 12 1.4
								09 01-	111874 12 2.2
RAV 4 2.2 D-4D	(ACA_, ACE_)							12 08-	114216 12 2.0
	(ALA30)[2AD-FTV]							03 06-	114216 12 2.0
RAV 4 2.2 D-4D CAT	(ALA30)[2AD-FHV]							03 06-	114216 12 2.0
Starlet 1.0	(2K)[2K]	02 78- 07 82	110137	14	30			02 78- 09 84	110153# 12 0.8
		02 78- 09 84	110138	14	40				
		02 78- 09 84	110139#	14	50				
		02 78- 09 84	110258	14	35				
		02 78- 09 84	110274#	14	40				
	(EP70L)[1E-L]	10.84- 12.89	110628	14	45			10.84- 12.89	110323 12 0.8
		04.88- 12.89	110496	14	60				
	(EP80_)[1E]	12.89- 01 92	110496	14	60			12.89- 12 92	111643 12 0.6
		12.89- 12 92	111435	14	70				
	(KP60)[2K]	02 78- 07 82	110137	14	30			02 78- 09 84	110153# 12 0.8
		02 78- 02 86	110138	14	40				
		02 78- 03 85	110139#	14	50				
		02 78- 09 84	110258	14	35				
		02 78- 09 84	110274#	14	40				
Starlet 1.0 1000		05 76- 08 78	110274#	14	40			02 78- 08 78	110153# 12 0.8
		05 76- 08 78	110258	14	35				
		02 78- 08 78	110139#	14	50				
		02 78- 08 78	110138	14	40				
		02 78- 08 78	110137	14	30				

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

TOYOTA Continued

Starlet 1.2	(KP6_) [3K-H]	02.78- 09.82	110258	14	35				
		10.78- 08.82	110138	14	40				
Starlet 1.2 S	(KP62) [3K-H]	02.78- 08.82	110137	14	30	10.78- 08.82	110153#	12	0.8
		02.78- 08.82	110138	14	40				
		02.78- 08.82	110139#	14	50				
		10.78- 08.82	110258	14	35				
		10.78- 08.82	110274#	14	40				
Starlet 1.3	(EP71L) [2E-LC]	10.84- 12.89	110628	14	45	10.84- 12.89	110323	12	0.8
		04.88- 12.89	110496	14	60				
	[4E-FE]	01.96-	111518	14	70	04.96- 03.99	113649	12	1.2
		AT 01.96-	111518	14	70	04.96- 03.99	113665	12	1.2
Starlet 1.3 S	(KP61) [4K]	12.81- 02.85	110138	14	40	08.82- 09.84	110153#	12	0.8
		12.81- 02.85	110139#	14	50				
		08.82- 09.84	110258	14	35				
		08.82- 09.84	110274#	14	40				
Starlet 1.3 12V	(EP81) [2E-E]	12.89- 06.91	110628	14	45	12.89- 05.94	110323	12	0.8
		12.89- 12.92	111729#	14	55	A13 12.89- 05.94	110709	12	1.0
		01.92-	111518	14	70				
	(EP81_) [2E]	12.89- 12.92	110496	14	60				
		12.89- 12.92	111435	14	70				
	[2E-E]	12.89- 06.91	110496	14	60	12.89- 12.92	110323	12	0.8
		12.89- 12.92	111435	14	70				
		06.91- 12.92	111729#	14	55				
Starlet 1.5 Diesel	( P8_) [1N]	01.92- 01.96	111518	14	70				
	(NP70L) [1N]	12.86- 01.92	110496	14	60				
		12.86- 12.89	111435	14	70				
Supra 2.8 i	(MA61) [5M-GE]	08.83- 07.86	111428	14	60	08.84- 08.87	110396	12	1.4
Supra 3.0 24V	(MA70) [7M-GE]	01.86- 08.88	111435	14	70	01.86- 08.88	110396	12	1.4
		01.86- 08.88	111705	14	70	08.90- 05.93	111681#	12	1.4
Supra 3.0 i	(JZA80) [2JZ-GTE]	05.93- 08.98	113227#	14	90	05.93- 08.98	113107	12	1.4
Supra 3.0 Turbo	(MA70) [7M-GTE]					08.90- 05.93	111681#	12	1.4
						09.87- 04.90	110396	12	1.4
Tercel 1.3	(AL20) [2A]	05.82- 05.86	110273	14	50	05.82- 04.85	110399	12	1.0
Tercel 1.5	( LT , LZ_) [3A-C]	10.82- 08.84	110273	14	50	10.82- 08.84	110289		
Tercel 1.5 4WD	(AL25) [3A]	10.82- 05.86	110273	14	50	10.82- 01.88	110399	12	1.0
	[3A-C]					05.86- 01.88	110399	12	1.0
Toyotae 2.5 Diesel	(JY30) [2J]						114336	24	4.5
Verso 2.0 D-4D	(AUR20) [1AD-FTV]	04.09-	114390	14	100	04.09-	114216	12	2.0
Verso 2.2 D-4D	(AUR21) [2AD-FHV]	04.09-	114390	14	100	04.09-	114216	12	2.0
Verso 2.2 D-CAT	(AUR21) [2AD-FHV]	04.09-	114390	14	100	04.09-	114216	12	2.0
Yaris 1.0 16V	( CP10_) [1SZ-FE]	Produced in France 03.03-	114005	14	70	01.01-	113313	12	0.7
		Produced in France 03.03-	114006	14	90				
Yaris 1.0 i	(SCP10) [1SZ-FE]	04.99- 12.02	114231	14	90	04.99-	113313	12	0.7
		Produced in France 01.01-	114005	14	70				
		Produced in France 01.01-	114006	14	90				
Yaris 1.0 VTI	[1KR-FE]	01.06-	114311	14	90				
Yaris 1.0	( P9_) [1KR-FE]	01.06-	114311	14	90				
Yaris 1.3	[2SZ-FE]	Produced in France 04.02-	114005	14	70	04.02-	113313	12	0.7
		Produced in France 04.02-	114006	14	90				
Yaris 1.3 16V	(NCP10) [2NZ-FE]					AT 11.99-	114239	12	1.6
						11.99-	113314	12	1.0
Yaris 1.3 VVTi	[2SZ-FE]					Produced in France 01.06-	114125	12	1.2
Yaris 1.4 D-4D	(NLP10) [1ND-TV]	12.01- 08.05	114012	14	90	12.01- 08.05	114071	12	2.0
		12.01- 08.05	114041	14	70				
		12.01- 08.05	114206	14	90				
	(NLP90) [1ND-TV]	01.06-	114291	14	90	01.06-	114071	12	2.0
Yaris 1.5 i 16V	(NCP13) [1NZ-FE]					04.01-	113314	12	1.0
Yaris 1.5 TS	( CP10_) [1NZ-FE]					01.01-	113314	12	1.0
Yaris 1.5 VVTi TS	( CP10) [1NZ-FE]					03.03- 07.05	113314	12	1.0
Yaris Verso 1.3	(NCP2_) [2NZ-FE]					AT 11.99-	114239	12	1.6
						08.99-	113314	12	1.0
Yaris Verso 1.4 D-4D	(NLP22) [1ND-TV]	12.01- 09.05	114012	14	90	12.01- 09.05	114071	12	2.0
		12.01- 09.05	114041	14	70				
		12.01- 09.05	114206	14	90				
Yaris Verso 1.5 16V	(NCP21) [1NZ-FE]					03.00-	113314	12	1.0
Yaris Verso 1.5 TS	(NCP2_) [1NZ-FE]					05.03-	113314	12	1.0
<b>PASSENGER CARS US</b>									
4 Runner 2.4	[22R]	01.84- 01.84	113048#	14	50	01.84- 01.84	110411	12	1.4
						01.84- 01.84	110260	12	1.0
						08.88- 08.93	111551#	12	1.4
	[22REC]	01.85- 01.85	113077	14	70	01.85- 01.85	110260	12	1.0
						01.85- 01.85	110411	12	1.4
4 Runner 2.4 DLX	[22REC]	01.86- 01.89	113077	14	70	01.86- 01.89	110260	12	1.0
						01.86- 01.89	110411	12	1.4
4 Runner 2.4 SR5	[22RE]	01.90- 01.93	113077	14	70	01.94- 01.95	113109	12	1.0
		01.94- 01.95	113083#	14	60	01.90- 01.93	110260	12	1.0
		01.94- 01.95	113092#	14	70	01.90- 01.93	110411	12	1.4
	[22REC]	01.86- 01.89	113077	14	70	01.94- 01.95	113109	12	1.0
						01.86- 01.89	110260	12	1.0
						01.86- 01.89	110411	12	1.4
4 Runner 2.4 Turbo SR5	[22RTEC]	01.85- 01.88	113077	14	70	01.85- 01.88	110260	12	1.0
						01.85- 01.88	110411	12	1.4
4 Runner 2.7	[3RZ-FE]	01.96- 01.00	113584#	14	70	01.96- 01.00	113174#	12	1.8
						01.96- 01.00	113170#	12	2.0
4 Runner 3.0 DLX	[3VZ-E]	01.89- 01.89	111435	14	70	01.89- 01.89	110711		
						01.89- 01.89	111551#	12	1.4
4 Runner 3.0 SR5	[3VZ-E]	01.88- 01.93	111580#	14	60	01.88- 01.93	111551#	12	1.4
						01.88- 01.93	110711		
						01.94- 01.95	111783	12	1.4
						01.94- 01.95	113110#	12	1.0
						01.94- 01.95	113112#	12	1.6
4 Runner 3.4	[5VZ-FE]					01.98- 01.02	113119	12	1.4
						01.98- 01.02	113173	12	1.8
4 Runner 3.4 Limited	[5VZ-FE]					01.96- 01.97	113119	12	1.4
						01.96- 01.97	113173	12	1.8
4 Runner 3.4 SR5	[5VZ-FE]					01.96- 01.97	113119	12	1.4
						01.96- 01.97	113173	12	1.8
4 Runner 4.0	[1GR-FE]					01.03- 01.07	113809	12	2.2
4 Runner 4.0 Limited	[1GR-FE]					01.05- 01.07	113806		
4 Runner 4.0 Sport	[1GR-FE]					01.05- 01.07	113806		
4 Runner 4.0 SR5	[1GR-FE]					01.05- 01.07	113809	12	2.2
Avalon 3.0	[1MZ-FE]	01.98- 01.01	113081	14	80	01.98- 01.01	112367	12	1.4
Avalon 3.0 XL	[1MZ-FE]	01.95- 01.97	113081	14	80	01.02- 01.03	112367	12	1.4
Avalon 3.0 XLS	[1MZ-FE]	01.95- 01.97	113081	14	80	01.02- 01.03	112367	12	1.4
						01.97- 01.97	113244	12	1.4
Camry 1.8 Turbo DLX	[1CTLG]	01.84- 01.85	110684	14	55	01.84- 01.85	111386	12	2.0
Camry 2.0	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111446	12	1.0
						01.88- 01.91	111544	12	1.4
Camry 2.0 All Trac		01.89- 01.91	111705	14	70	01.89- 01.91	111544	12	1.4
						01.89- 01.91	111446	12	1.0
Camry 2.0 DLX	[2S-ELC]	01.83- 01.86	111705	14	70	01.83- 01.86	111440	12	1.4
	[3S-FE]	01.87- 01.91	111705	14	70	01.87- 01.91	111544	12	1.4
						01.87- 01.91	111446	12	1.0
Camry 2.0 DLX All Trac	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111544	12	1.4
						01.88- 01.91	111446	12	1.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Camry 2.0 LE	[2S-ELC]	01.83- 01.86	111705	14	70	01.83- 01.86	111440	12	1.4
	[3S-FE]	01.87- 01.91	111705	14	70	01.87- 01.91	111446	12	1.0
Camry 2.0 LE All Trac	[3S-FE]	01.88- 01.91	111705	14	70	01.87- 01.91	111544	12	1.4
						01.88- 01.91	111446	12	1.0
Camry 2.0 Turbo DLX	[2C-TLC]	01.86- 01.86	110684	14	55	01.86- 01.86	111386	12	2.0
Camry 2.2	[5S-FE]	01.98- 01.01	111468	14	80	01.98- 01.01	113244	12	1.4
						01.98- 01.01	112367	12	1.4
						01.93- 01.93	111544	12	1.4
Camry 2.2 CE	[5S-FE]	01.97- 01.97	111468	14	80	01.97- 01.97	113244	12	1.4
						01.97- 01.97	113586	12	1.2
Camry 2.2 DLX	[5S-FE]	01.92- 01.92	111705	14	70	01.92- 01.92	111544	12	1.4
Camry 2.2 DX	[5S-FE]	01.93- 01.96	111517	14	70	01.93- 01.96	111544	12	1.4
						01.95- 01.96	111468	14	80
Camry 2.2 LE	[5S-FE]	01.92- 01.94	111705	14	70	01.97- 01.97	113586	12	1.2
						01.95- 01.97	111468	14	80
						01.95- 01.96	111517	14	70
Camry 2.2 XLE	[5S-FE]	01.92- 01.94	111705	14	70	01.97- 01.97	113586	12	1.2
						01.95- 01.97	111468	14	80
						01.95- 01.96	111517	14	70
Camry 2.2	[5SN-FE]	01.00- 01.01	111468	14	80	01.00- 01.01	112367	12	1.4
Camry 2.4	[2AZ-FE]					01.00- 01.01	113244	12	1.4
						01.03- 01.03	112367	12	1.4
Camry 2.5 DLX	[2VZ-FE]	01.88- 01.91	111480	14	70	01.02- 01.03	113810	12	1.6
Camry 2.5 LE	[2VZ-FE]	01.88- 01.91	111480	14	70	01.88- 01.91	111544	12	1.4
						01.88- 01.91	111446	12	1.0
Camry 3.0	[1MZ-FE]	01.01- 01.03	113081	14	80	01.88- 01.91	111446	12	1.0
						01.98- 01.00	113626#	14	90
						01.93- 01.93	111965	14	80
						01.94- 01.95	113081	14	80
Camry 3.0 CE	[1MZ-FE]	01.97- 01.97	113626#	14	90	01.02- 01.05	113810	12	1.6
Camry 3.0 DLX	[3UZ-FE]	01.92- 01.92	113093#	14	80	01.98- 01.03	112367	12	1.4
Camry 3.0 DX	[3VZ-FE]	01.93- 01.93	111965	14	80	01.93- 01.93	111544	12	1.4
Camry 3.0 LE	[1MZ-FE]	01.94- 01.96	113081	14	80	01.97- 01.97	113244	12	1.4
						01.97- 01.97	113626#	14	90
						01.06-	114342	12	1.2
Camry 3.0 SE	[3VZ-FE]	01.92- 01.93	113093#	14	80	01.92- 01.93	111544	12	1.4
						01.94- 01.94	111544	12	1.4
Camry 3.0 XLE	[1MZ-FE]	01.94- 01.95	113081	14	80	01.92- 01.93	111544	12	1.4
						01.97- 01.97	113626#	14	90
Camry 3.0 LE	[3VZ-FE]	01.92- 01.93	113093#	14	80	01.97- 01.97	113244	12	1.4
						01.92- 01.93	113093#	14	80
Camry 3.0 SE	[1MZ-FE]	01.94- 01.95	113081	14	80	01.94- 01.94	111544	12	1.4
Camry 3.0 XLE	[3VZ-FE]	01.92- 01.93	113093#	14	80	01.92- 01.93	111544	12	1.4
						01.94- 01.94	111544	12	1.4
Camry 3.3	[3MZ-FE]					01.06-	114342	12	1.2
Camry 3.3 SE	[3MZ-FE]					01.06-	114342	12	1.2
Carina 1.6	[2TC]								
Celica 1.6 ST	[4A-FE]	01.90- 01.93	110678	14	60	01.90- 01.93	110713	12	1.0
Celica 1.8	[1ZZ-FE]	01.90- 01.93	110682	14	70	01.90- 01.93	110713	12	1.0
						01.00- 01.05	113620	12	1.2
Celica 1.8 GT	[2ZZ-GE]	01.94- 01.95	111579	14	70	01.00- 01.05	113620	12	1.2
						01.01- 01.05	113620	12	1.2
Celica 1.8 ST	[7A-FE]	01.94- 01.97	111579	14	70				
Celica 1.9	[8R-C]					01.71- 01.71	110152	12	0.9
Celica 2.0	[18RC]					01.72- 01.74	110152	12	0.9
Celica 2.0 GT	[2S-ELC]	01.86- 01.86	111705	14	70	01.86- 01.86	111440	12	1.4
						01.87- 01.89	111705	14	70
Celica 2.0 GTS Sport	[3S-GELC]	01.86- 01.89	111705	14	70	01.87- 01.89	111446	12	1.0
						01.87- 01.89	111555	12	1.0
Celica 2.0 ST	[5S-FE]	01.87- 01.89	111705	14	70	01.87- 01.89	111446	12	1.0
Celica 2.0 ST Sport	[2S-ELC]	01.86- 01.86	111705	14	70	01.86- 01.86	111440	12	1.4
Celica 2.0 Turbo All Trac	[3S-GTE]	01.88- 01.92	111705	14	70	01.88- 01.92	111446	12	1.0
Celica 2.0 Turbo GTS All Trac	[3S-GTE]	01.88- 01.92	111705	14	70	01.88- 01.92	111544	12	1.4
						01.93- 01.93	111446	12	1.0
Celica 2.2	[20R]	01.75- 01.80	110139#	14	50	01.93- 01.93	111544	12	1.4
						01.75- 01.80	110152	12	0.9
						01.75- 01.80	110411	12	1.4
Celica 2.2 GT	[5S-FE]	01.99- 01.99	111517	14	70	01.90- 01.93	111446	12	1.0
						01.90- 01.93	111544	12	1.4
Celica 2.2 GTS		01.90- 01.92	111435	14	70	01.90- 01.92	111446	12	1.0
						01.90- 01.92	111544	12	1.4
Celica 2.2 GTS Sport	[5S-FE]	01.90- 01.93	111435	14	70	01.90- 01.93	111446	12	1.0
						01.90- 01.93	111544	12	1.4
Celica 2.4 GT	[22R]					01.81- 01.82	110260	12	1.0
						01.81- 01.82	110411	12	1.4
						01.83- 01.85	110411	12	1.4
Celica 2.4 GTS	[22REC]					01.83- 01.85	110260	12	1.0
						01.83- 01.85	110260	12	1.0
Celica 2.4 ST	[22R]					01.81- 01.83	110260	12	1.0
						01.81- 01.83	110411	12	1.4
Celica 2.4 ST	[22REC]					01.84- 01.85	110260	12	1.0
						01.84- 01.85	110411	12	1.4
Corolla 1.1	[KC]	01.68- 01.69	110137	14	30	01.68- 01.69	110150	12	0.8
Corolla 1.2	[3K-C]	01.70- 01.74	110137	14	30	01.70- 01.74	110150	12	0.8
Corolla 1.2 Custom	[3K-C]					04.69- 03.74	110421	12	0.8
Corolla 1.6	[4A-C]					01.77- 01.79	110153	12	0.8
						01.83- 01.83	110399	12	1.0
Corolla 1.6 Custom	[4A-FE]	01.90- 01.92	110678	14	60	01.90- 01.92	110712#	12	1.0
						01.90- 01.92	110682	14	70
						01.93- 01.97	111579	14	70
						01.93- 01.94	112860	14	80
						01.89- 01.89	110682	14	70
						01.89- 01.89	110678	14	60
						01.79- 01.79	113048#	14	50
						01.89- 01.89	110712#	12	1.0
Corolla 1.6 DLX	[2TC]					01.89- 01.89	110713	12	1.0
						01.79- 01.79	110296#	12	0.9
Corolla 1.6 DLX All Trac	[4A-C]					01.79- 01.79	113098	12	1.4
						01.75- 01.79	110296#	12	0.9
						01.75- 01.79	113098	12	1.4
						01.83- 01.83	110399	12	1.0
						01.88- 01.89	110713	12	1.0
						01.90- 01.92	110712#	12	1.0
Corolla 1.6 DLX Sport	[4A-F]					01.90- 01.92	110713	12	1.0
						01.90- 01.92	110682	14	70
						01.84- 01.87	110678	14	60
						01.90- 01.92	110682	14	70
Corolla 1.6 DLX Sport	[4A-LC]					01.84- 01.87	113806	12	1.4
						01.84- 01.87	113099#	12	1.4
Corolla 1.6 DLX All Trac	[4A-FE]	01.88- 01.92	110678	14	60	01.88- 01.92	110712#	12	1.0
Corolla 1.6 DLX Sport	[4A-C]	01.88- 01.92	110682	14	70	01.84- 01.87	113806	12	1.0
Corolla 1.6 DX	[4A-FE]	01.96- 01.96	111579	14	70	01.84- 01.87	110399	12	1.0
						01.93- 01.96	113106#	12	1.4
Corolla 1.6 DX	[4A-FE]	01.96- 01.96	111579	14	70	01.96- 01.96	112033	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TOYOTA** *Continued*

Corolla 1.6 FX	[4A-LC]	01.87- 01.87 01.88- 01.88	110678 110682	14 60 14 70	01.87- 01.87 01.87- 01.87	113099# 113806	12 1.4 12 1.4
Corolla 1.6 FX16	[4A-GELC]	01.87- 01.88	110496	14 60	01.87- 01.87 01.87- 01.88	113806 110253#	12 1.0 12 1.0
Corolla 1.6 FX16 GTS	[4A-GELC]	01.87- 01.88	110496	14 60	01.87- 01.87 01.87- 01.88	113806 110253#	12 1.0 12 1.0
Corolla 1.6 GTS	[4A-GE]	01.88- 01.91	110496	14 60	01.88- 01.91	110253#	12 1.0
Corolla 1.6 GTS Sport	[4A-GEC]	01.85- 01.87	110496	14 60	01.85- 01.87 01.85- 01.87	113806 110253#	12 1.0 12 1.0
Corolla 1.6 LE	[4A-F]	01.88- 01.89 01.88- 01.89	110678 110682	14 60 14 70	01.88- 01.89	110713	12 1.0
	[4A-FE]	01.90- 01.92 01.90- 01.92	110678 110682	14 60 14 70	01.90- 01.92 01.90- 01.92	110712# 110713	12 1.0 12 1.0
	[4A-LC]	01.84- 01.87	110678	14 60	01.84- 01.87 01.84- 01.87	113806 113099#	12 1.4 12 1.4
Corolla 1.6 LE LTD	[4A-LC]	01.85- 01.86	110678	14 60	01.85- 01.86 01.85- 01.86	113806 113099#	12 1.4 12 1.4
Corolla 1.6 LSX		01.92- 01.92	110682	14 70	01.92- 01.92	110712#	12 1.0
Corolla 1.6 SR5	[2TC]				01.92- 01.92	110713	12 1.0
	[4A-C]				01.75- 01.79 01.75- 01.79	110296# 113098	12 0.9 12 1.4
	[4A-F]	01.88- 01.89 01.88- 01.89	110678 110682	14 60 14 70	01.88- 01.89	110713	12 1.0
	[4A-FE]	01.90- 01.91 01.90- 01.91	110678 110682	14 60 14 70	01.90- 01.91 01.90- 01.91	110712# 110713	12 1.0 12 1.0
		01.92- 01.92	110682	14 70	01.92- 01.92	110712#	12 1.0
		01.92- 01.92	110678	14 60	01.92- 01.92	110713	12 1.0
Corolla 1.6 SR5 ALL TRAC	[4A-FE]	01.88- 01.91 01.88- 01.91	110678 110682	14 60 14 70	01.88- 01.91 01.88- 01.91	110712# 110713	12 1.0 12 1.0
		01.92- 01.92	110682	14 70	01.92- 01.92	110712#	12 1.0
		01.92- 01.92	110678	14 60			
Corolla 1.6 SR5 Sport	[4A-C]				01.84- 01.87 01.84- 01.87	110399 113806	12 1.0 12 1.0
Corolla 1.8	[1ZZ-FE]				01.98- 01.98	113106#	12 1.4
	[2ZR-FE]				01.09- 01.09	113106#	12 1.4
	[3T-C]	01.80- 01.82	113048#	14 50	01.80- 01.82 01.80- 01.82	113098 110296#	12 1.4 12 0.9
	[7A-FE]	01.97- 01.97	111579	14 70	01.97- 01.97 01.97- 01.97	113106# 112033	12 1.4 12 1.1
		01.93- 01.93	112860	14 80	01.93- 01.93	113106#	12 1.4
		01.93- 01.93	111579	14 70	01.93- 01.93	110713	12 1.0
Corolla 1.8 All Trac		01.93- 01.93	111579	14 70	01.93- 01.93	113106#	12 1.4
		01.93- 01.93	112860	14 80	01.93- 01.93	110713	12 1.0
Corolla 1.8 CE	[1ZZ-FE]				01.06- 01.06	113106#	12 1.4
	[2ZR-FE]				01.09- 01.09	113106#	12 1.4
Corolla 1.8 DLX	[3T-C]	01.81- 01.82	113048#	14 50	01.81- 01.82	110261	12 1.0
Corolla 1.8 DX	[7A-FE]	01.93- 01.97	111579	14 70	01.93- 01.97 01.95- 01.97	113106# 112033	12 1.4 12 1.1
		01.93- 01.94	112860	14 80	01.93- 01.94	110713	12 1.0
Corolla 1.8 LE	[1ZZ-FE]				01.06- 01.06	113106#	12 1.4
	[2ZR-FE]				01.09- 01.09	113106#	12 1.4
	[7A-FE]	01.93- 01.95 01.93- 01.94	111579 112860	14 70 14 80	01.93- 01.95 01.95- 01.95	113106# 112033	12 1.4 12 1.1
					01.93- 01.94	110713	12 1.0
Corolla 1.8 S	[1ZZ-FE]				01.06- 01.06	113106#	12 1.4
	[2ZR-FE]				01.09- 01.09	113106#	12 1.4
Corolla 1.8 SR5	[3T-C]	01.81- 01.82	113048#	14 50	01.81- 01.82	110261	12 1.0
Corolla 1.8 XLE	[2ZR-FE]				01.09- 01.09	113106#	12 1.4
Corolla 1.8 XRS	[2ZZ-GE]				01.05- 01.05	113106#	12 1.4
					01.06- 01.06	114419	12 1.2
Corolla 1.8 DLX	[1CLC]	01.84- 01.85	110684	14 55	01.84- 01.85	111386	12 2.0
Corona 1.9	[3R-C]				01.67- 01.70	110152	12 0.9
	[8R]						
	[8R-C]						
Corona 2.0	[18RC]				01.72- 01.74 01.72- 01.74	110152 110411	12 0.9 12 1.4
Corona 2.2	[20R]	01.74- 01.74	110139#	14 50	01.79- 01.80 01.79- 01.80	110152 110411	12 0.9 12 1.4
Corona 2.2 Custom	[20R]	01.77- 01.78	110139#	14 50	01.77- 01.78 01.77- 01.78	110152 110411	12 0.9 12 1.4
Corona 2.2 DLX	[20R]	01.75- 01.78	110139#	14 50	01.75- 01.78 01.75- 01.78	110152 110411	12 0.9 12 1.4
Corona 2.2 SR5	[20R]	01.75- 01.76	110139#	14 50	01.75- 01.76 01.75- 01.76	110152 110411	12 0.9 12 1.4
Corona 2.4 DLX	[22R]				01.81- 01.82 01.81- 01.82	110260 110411	12 1.0 12 1.4
Corona 2.4 Luxury Edition	[22R]				01.81- 01.82 01.81- 01.82	110260 110411	12 1.0 12 1.4
Corona MK 1.9	[3R-C]				01.69- 01.70	110152	12 0.9
	[8R]						
	[8R-C]						
Corona MK 2.0	[18RC]				01.72- 01.72 01.72- 01.72	110411 110152	12 1.4 12 0.9
					01.78- 01.79	110396	12 1.4
					01.80- 01.80	110396	12 1.4
Cressida 2.6	[4M]				01.68- 01.71	110396	12 1.4
	[4ME]				AT 01.04	114239	12 1.6
Cressida 3.0 Luxury	[7M-GE]	01.89- 01.92	111705	14 70	01.01- 01.03	112367	12 1.4
Crown 2.3	[2M]	01.68- 01.71	110248	14 40	01.01- 01.03	112367	12 1.4
Echo 1.5	[1N2-FE]				01.01- 01.03	112367	12 1.4
Highlander 2.4	[2AZ-FE]	01.01- 01.03	113902	14 100	01.01- 01.03	112367	12 1.4
Highlander 3.0	[1M2-FE]				01.01- 01.03	112367	12 1.4
Land Cruiser 2.4	[HJ60]				01.87- 01.87	113239	12 2.5
Land Cruiser 3.4	[BJ60L-G-MK][3B]				01.84- 01.84	113239	12 2.5
	[BJ60L-V-KK][3B]				01.81- 01.81	113239	12 2.5
	[3B]				01.82- 01.82	113239	12 2.5
Land Cruiser 3.9	[F]	01.73- 01.74	110248	14 40	01.73- 01.74	113239	12 2.5
	[EJ]	01.69- 01.72	110248	14 40	01.69- 01.72	113239	12 2.5
					01.65- 01.65	113239	12 2.5
Land Cruiser 4.0	[3F-E]	01.88- 01.92	113557#	14 80	01.88- 01.92 01.88- 01.92	113239 113097	12 2.5 12 1.0
Land Cruiser 4.2	[2F]	01.75- 01.77	110248	14 40	01.75- 01.87	113239	12 2.5
Land Cruiser 4.2	[BJ42]				01.81- 01.81	113239	12 2.5
	[BJ60]				01.81- 01.81	113239	12 2.5
	[BJ70]				01.85- 01.85	113239	12 2.5
	[HJ60]				01.86- 01.86	113239	12 2.5
Land Cruiser 4.5	[1FZ-FE]	01.93- 01.97	113078	14 80	01.93- 01.97 01.93- 01.97	113239 113169	12 2.5 12 2.2
Land Cruiser 4.7	[2UZ-FE]				01.98- 01.02	113239	12 2.5
Land Cruiser 5.7	[3UR-FE]				01.08- 01.08	113239	12 2.5
Mark II 2.3	[2M]	01.72- 01.72	110248	14 40	01.72- 01.72	110396	12 1.4
Mark II 2.6	[4M]	01.73- 01.76	110248	14 40	01.73- 01.76	110396	12 1.4
Matrix 1.8 XRS	[2ZZ-GE]				01.03- 01.03	114419	12 1.2
MR2 1.6	[4A-GELC]	01.85- 01.89	110496	14 60	01.85- 01.89	110253#	12 1.0
MR2 1.6 Super	[4A-GZE]				12.89- 12.89	111455	12 0.8
MR2 2.0 Turbo	[3S-GTE]	01.91- 01.95	112102	14 90	01.91- 01.95	111544	12 1.4
MR2 2.2	[5S-FE]	01.91- 01.95	112102	14 90	01.91- 01.95	111544	12 1.4
Paseo 1.5	[5E-FE]	01.92- 01.95 01.92- 01.95	110496 113636	14 60 14 70	01.92- 01.97 01.96- 01.99	110323 113665 113434#	12 0.8 12 1.2 12 0.8
		01.96- 01.99	111678	14 60	01.92- 01.95	110709	12 1.0
Paseo 1.5 Convertible	[5E-FE]	01.97- 01.97	111678	14 60	01.97- 01.97 01.97- 01.97	113665 113434#	12 1.2 12 0.8
Pick Up 1.9	[3R-C]	01.69- 01.70	110137	14 30	01.70- 01.71	110152	12 0.9
	[8R-C]	01.70- 01.71	110137	14 30			



Pick Up 2.0	[18RC]					01.72-	01.74	110152	12	0.9		
Pick Up 2.2	[20R]					01.75-	01.80	110152	12	0.9		
						01.75-	01.80	110411	12	1.4		
Pick Up 2.2	[L]					01.81-	01.81	110708	12	2.7		
Pick Up 2.2 DLX	[L]					01.82-	01.83	110708	12	2.7		
Pick Up 2.2 SR5	[L]					01.83-	01.83	110708	12	2.7		
Pick Up 2.4	[22R]	01.81-	01.90	113048#	14	50		01.81-	01.90	110411	12	1.4
								01.81-	01.90	110260	12	1.0
	[22RE]	01.89-	01.93	113077	14	70		01.89-	01.93	110411	12	1.4
		01.94-	01.95	113083#	14	60		01.89-	01.93	110260	12	1.0
		01.94-	01.95	113092#	14	70						
	[22REC]	01.84-	01.88	113048#	14	50		01.84-	01.88	110411	12	1.4
								01.84-	01.88	110260	12	1.0
Pick Up 2.4 DLX	[22R]	01.82-	01.90	113048#	14	50		01.82-	01.90	110260	12	1.0
								01.82-	01.90	110411	12	1.4
	[22RE]	01.89-	01.93	113077	14	70		01.89-	01.93	110411	12	1.4
		01.94-	01.95	113083#	14	60		01.89-	01.93	110260	12	1.0
		01.94-	01.95	113092#	14	70						
	[22REC]	01.87-	01.88	113077	14	70		01.87-	01.88	110260	12	1.0
								01.87-	01.88	110411	12	1.4
Pick Up 2.4 RN01		01.91-	01.91	113077	14	70		01.91-	01.91	110260	12	1.0
								01.91-	01.91	110411	12	1.4
Pick Up 2.4 RN02		01.93-	01.93	113092#	14	70		01.93-	01.93	110411	12	1.4
		01.93-	01.93	113083#	14	60		01.93-	01.93	110260	12	1.0
Pick Up 2.4 RN60		01.85-	01.85	113077	14	70		01.85-	01.85	110260	12	1.0
								01.85-	01.85	110411	12	1.4
Pick Up 2.4 RN63		01.86-	01.87	113077	14	70		01.86-	01.87	110411	12	1.4
								01.86-	01.87	110260	12	1.0
Pick Up 2.4 SR5	[22R]	01.82-	01.83	113048#	14	50		01.82-	01.83	110260	12	1.0
								01.82-	01.83	110411	12	1.4
	[22RE]	01.89-	01.90	113077	14	70		01.89-	01.90	110260	12	1.0
								01.89-	01.90	110411	12	1.4
	[22REC]	01.84-	01.88	113048#	14	50		01.84-	01.88	110260	12	1.0
								01.84-	01.88	110411	12	1.4
Pick Up 2.4 Turbo	[22RTEC]	01.86-	01.87	113077	14	70		01.86-	01.87	110411	12	1.4
								01.86-	01.87	110260	12	1.0
Pick Up 2.4 Turbo SR5	[22RTEC]	01.85-	01.88	113077	14	70		01.85-	01.88	110260	12	1.0
								01.85-	01.88	110411	12	1.4
Pick Up 2.4 DLX	[2L]							01.84-	01.85	110708	12	2.7
Pick Up 2.4 LN56								01.84-	01.84	110708	12	2.7
Pick Up 2.4 S/B X/C DX	[2L]							01.85-	01.85	110708	12	2.7
Pick Up 2.4 Turbo DLX	[2LT]							01.85-	01.85	110708	12	2.7
Pick Up 2.4 Turbo S/B X/C DX	[2LT]							01.85-	01.85	110708	12	2.7
Pick Up 3.0	[3VZ-E]	01.88-	01.93	111580#	14	60		01.88-	01.93	110711		
								01.88-	01.93	111551#	12	1.4
Pick Up 3.0 DLX	[3VZ-E]	01.88-	01.93	111580#	14	60		01.88-	01.93	111551#	12	1.4
								01.88-	01.93	110711		
								01.94-	01.95	111783	12	1.4
Pick Up 3.0 SHT BD DLX EXC	[3VZ-E]	01.91-		111435	14	70		01.91-		111551#	12	1.4
								01.91-		110711		
Pick Up 3.0 SR5	[3VZ-E]	01.88-	01.91	111580#	14	60		01.88-	01.91	110711		
								01.88-	01.91	111551#	12	1.4
								01.94-	01.95	111783	12	1.4
Previa 2.4 DLX	[2TZ-FE]	01.91-	01.93	111536	14	70		01.91-	01.93	111682	12	1.4
		01.94-	01.95	111537	14	70		01.91-	01.95	111556#	12	1.6
Previa 2.4 LE	[2TZ-FE]	01.91-	01.93	111536	14	70		01.91-	01.93	111556#	12	1.6
								01.91-	01.93	111682	12	1.4
Previa 2.4 Super DX	[2TZ-FZE]							01.97-	01.97	111556#	12	1.6
Previa 2.4 Super LE	[2TZ-FZE]							01.94-	01.97	111556#	12	1.6
RAV 4 2.0	[1AZFE]							01.03-	01.03	112367	12	1.4
								01.03-	01.03	113244	12	1.4
	[1AZ-FE]							01.01-	01.02	112367	12	1.4
	[3S-FE]	01.96-	01.00	111468	14	80		01.96-	01.00	111550	12	1.4
Sienna 3.0	[1MZ-FE]							01.98-	01.02	112367	12	1.4
								01.03-		114342	12	1.2
Sienna 3.3 CE	[3MZ-FE]							01.06-		114342	12	1.2
Sienna 3.3 LE	[3MZ-FE]							01.06-		114342	12	1.2
Solara 2.2	[5S-FE]	01.99-	01.01	111468	14	80		01.99-	01.01	112367	12	1.4
Solara 2.4	[2AZ-FE]							01.03-	01.03	112367	12	1.4
								01.02-	01.06	113810	12	1.6
Solara 2.4 SE	[2AZ-FE]							01.02-	01.06	113810	12	1.6
								01.07-		114342	12	1.2
Solara 2.4 SLE	[2AZ-FE]							01.02-	01.06	113810	12	1.6
Solara 3.0	[1MZ-FE]	01.00-	01.02	113081	14	80		01.02-	01.03	113810	12	1.6
		01.99-	01.99	113626#	14	90		01.99-	01.02	112367	12	1.4
Starlet 1.3	[P7]	10.84-	11.89	110628	14	45						
		04.88-	12.89	110496	14	60						
	[4KC]	01.81-	01.82	110274#	14	40		01.81-	01.82	110153	12	0.8
Supra 2.6	[4ME]							01.79-	01.80	110396	12	1.4
Supra 3.0	[2JZ-GE]	01.93-	01.98	113227#	14	90		01.93-	01.98	113107	12	1.4
		01.96-	01.98	113089	14	80						
	[7M-GE]	01.86-	01.92	111705	14	70		01.91-	01.92	111681#	12	1.4
Supra 3.0 Turbo	[2JZ-GTE]	01.93-	01.95	113227#	14	90		01.93-	01.93	113107	12	1.4
								01.91-	01.92	111681#	12	1.4
	[7M-GTE]											
		01.87-	01.92	111705	14	70						
Supra 3.0 Turbo TWIN	[2JZ-GTE]	01.96-	01.98	113227#	14	90		01.93-	01.98	113107	12	1.4
T100 2.7	[3RZ-FE]	01.94-	01.97	113091	14	60		01.94-	01.98	113174#	12	1.8
		01.98-	01.98	113584#	14	70		01.94-	01.98	113170#	12	2.0
								01.98-	01.98	111784	12	1.4
T100 3.0	[3VZ-E]							01.93-	01.93	110711		
								01.93-	01.93	111551#	12	1.4
T100 3.0 One-Ton	[3VZ-E]							01.93-	01.94	111551#	12	1.4
								01.93-	01.94	110711		
T100 3.0 SR5	[3VZ-E]							01.93-	01.94	110711		
								01.93-	01.94	111551#	12	1.4
T100 3.4	[5VZ-FE]							01.95-	01.98	113119	12	1.4
								01.95-	01.98	113173	12	1.8
T100 3.4 DLX	[5VZ-FE]							01.95-	01.95	113119	12	1.4
								01.95-	01.95	113173	12	1.8
T100 3.4 DLX EXC	[5VZ-FE]							01.95-	01.95	113119	12	1.4
								01.95-	01.95	113173	12	1.8
T100 3.4 DLX One-Ton	[5VZ-FE]							01.95-	01.95	113119	12	1.4
								01.95-	01.95	113173	12	1.8
T100 3.4 SR5	[5VZ-FE]							01.95-	01.97	113119	12	1.4
								01.95-	01.97	113173	12	1.8
Tacoma 2.4	[2RZ-FE]	01.95-	01.96	113091	14	60		01.95-	01.96	111581	12	1.0
		01.97-	01.02	113584#	14	70		01.95-	01.03	111784	12	1.4
Tacoma 2.4 Regular Cab	[2RZ-FE]	01.95-	01.96	113091	14	60		01.95-	01.97	111784	12	1.4
		01.97-	01.97	113584#	14	70		01.95-	01.96	111581	12	1.0
Tacoma 2.7	[3RZ-FE]	01.95-	01.97	113091	14	60		01.95-	01.03	111784	12	1.4
		01.98-	01.02	113584#	14	70		01.95-	01.03	113170#	12	2.0
Tacoma 2.7 Regular Cab	[3RZ-FE]	01.95-	01.97	113091	14	60		01.95-	01.97	113170#	12	2.0
								01.95-	01.97	111784	12	1.4
Tacoma 3.4	[5VZ-FE]							01.95-	01.03	113119	12	1.4
								01.95-	01.04	113173	12	1.8
Tacoma 3.4 Regular Cab	[5VZ-FE]							01.95-	01.97	113119	12	1.4
								01.95-	01.97	113173	12	1.8
Tacoma 3.4 SR5	[5VZ-FE]							01.95-	01.97	113119	12	1.4
								01.95-	01.97	113173	12	1.8
Tacoma 4.0 VVTi								01.05-	01.07	113809	12	2.2

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



TOYOTA Continued

Tercel 1.5	[1AC]					01.80- 01.80	110323	12	0.8
						01.80- 01.80	110399	12	1.0
	[3A]					01.86- 01.86	110289	12	0.8
						01.86- 01.86	110399	12	1.0
	[3A-C]	01.85- 01.86	113084#	14	60	01.81- 01.85	110289	12	0.8
					01.81- 01.85	110399	12	1.0	
	[3E]	01.87- 01.90	110496	14	60	01.87- 01.90	110323	12	0.8
		01.87- 01.90	110628	14	45	01.87- 01.90	110709	12	1.0
	[3EE]	01.91- 01.94	110496	14	60	01.91- 01.94	110709	12	1.0
						01.91- 01.94	110323	12	0.8
	[5E-FE]	01.95- 01.96	111678	14	60	01.96- 01.96	113434#	12	0.8
						01.95- 01.96	110323	12	0.8
Tercel 1.5 CE	[5E-FE]	01.97- 01.98	111678	14	60	01.97- 01.98	113665	12	1.2
						01.97- 01.98	113434#	12	0.8
Tercel 1.5 DLX	[3A-C]					01.81- 01.88	110289	12	1.0
						01.81- 01.88	110399	12	1.0
	[3E]	01.87- 01.88	110496	14	60	01.87- 01.88	110709	12	1.0
		01.87- 01.88	110628	14	45	01.87- 01.88	110323	12	0.8
	[3EE]	01.90- 01.94	110496	14	60	01.90- 01.94	110323	12	0.8
		01.93- 01.95	111678	14	60	01.90- 01.94	110709	12	1.0
Tercel 1.5 DX	[5E-FE]	01.95- 01.96	111678	14	60	01.96- 01.96	113434#	12	0.8
						01.95- 01.96	110323	12	0.8
Tercel 1.5 EZ	[3E]	01.88- 01.88	110496	14	60	01.88- 01.88	110709	12	1.0
		01.88- 01.88	110628	14	45	01.88- 01.88	110323	12	0.8
	[3EE]	01.90- 01.90	110496	14	60	01.90- 01.90	110323	12	0.8
						01.90- 01.90	110709	12	1.0
Tercel 1.5 LE	[3EE]	01.91- 01.93	110496	14	60	01.91- 01.93	110709	12	1.0
						01.91- 01.93	110323	12	0.8
Tercel 1.5 S		01.90- 01.94	110496	14	60	01.90- 01.94	110323	12	0.8
		01.90- 01.90	110628	14	45	01.90- 01.94	110709	12	1.0
Tercel 1.5 SRS	[3A-C]					01.81- 01.88	110289	12	1.0
						01.81- 01.88	110399	12	1.0
Tundra 3.4	[5VZ-FE]					01.00- 01.02	113119	12	1.4
						01.00- 01.04	113173	12	1.8
Tundra 4.0	[1GR-FE]					01.05- 01.07	113809	12	2.2
Tundra 4.0 SRS	[1GR-FE]					01.05- 01.07	113809	12	2.2
Tundra 4.7	[2UZ-FE]	01.00- 01.00	114433	14	80				
		01.01- 01.01	114434	14	100				
Van 2.0 CRG	[3YEC]	01.84- 01.85	111428	14	60	01.84- 01.85	110397	12	1.0
Van 2.0 DX	[3YEC]	01.84- 01.85	111428	14	60	01.84- 01.85	110397	12	1.0
Van 2.0 LE	[3YEC]	01.84- 01.85	111428	14	60	01.84- 01.85	110397	12	1.0
Van 2.2 CRG	[4Y-EC]	01.86- 01.89	111428	14	60				
Van 2.2 DX	[4Y-EC]	01.86- 01.89	111428	14	60				
Van 2.2 LE	[4Y-EC]	01.86- 01.89	111428	14	60				
<b>PASSENGER CARS AO</b>									
4 Runner 2.4 TD R55 4WD	(_N130_) [2L-T]					08.89- 11.95	110708	12	2.7
						08.89- 11.95	111387	12	2.0
4 Runner 3.0 TDI 4x4						09.00- 07.02	113757	12	2.2
Allion 2.0 4x4						06.01- 06.07	114255	12	1.3
Avalon 3.5 VVTi	[2GR-FE]					10.04-	114342	12	1.2
Avensis 2.0 VVTi	(T25) [1AZ-FE]					03.03-	114255	12	1.3
Avensis 2.4 VVTi Verso GLS	(AC_) [2AZ-FE]	10.03-	114273	14	100	10.03-	114255	12	1.3
Camry 2.0 4WD	(_V2_) [3S-FE]	08.88- 05.91	111705	14	70	08.88- 05.91	111446	12	1.0
						08.88- 05.91	111544	12	1.4
Camry 2.0 VVTi	(_V30_) [1AZ-FE]					08.01-	113810	12	1.6
Camry 2.4 VVTi	(_V40_) [2AZ-FE]					01.06-	114342	12	1.2
Camry 3.3 VVTi	(_V30_) [3MZ-FE]					08.02- 12.05	114342	12	1.2
Camry 3.5 VVTi XLE	(_V30_) [2GR-FE]					01.06-	114342	12	1.2
Coaster 2.4	[22R]					05.80-	110260	12	1.0
Corolla 1.5 Levin S		06.91- 08.97	111579	14	70	06.91- 08.97	110713	12	1.0
						06.91- 08.97	111455	12	0.8
Corolla 1.5 RC	(_E12_) [1N2-FE]					06.04-	113314	12	1.0
Corolla 1.6	(_E9_)					08.87- 12.87	113806	12	1.0
Corolla 1.6 GL 4WD	(_E9_) [4A-F]					10.87- 12.87	113806	12	1.0
Corolla 1.6 Levin GT						01.93- 08.97	113106#	12	1.4
Corolla 1.6 Levin GT-Z						01.93- 08.97	113106#	12	1.4
Corolla 1.6 SR	(AE86) [4A-C]					01.84- 04.85	113806	12	1.0
Corolla 1.6 GTi Twin Cam	(AE86)					01.84- 07.87	113806	12	1.0
Corolla 1.8	(_E12J_) [1ZZ-FE]					06.04-	113106#	12	1.4
	(_E12_) [1ZZ-FE]					06.04-	113106#	12	1.4
	(_E12_) [1ZZ-FE]					06.04-	113106#	12	1.4
	(_E12J_) [1ZZ-FE]					06.04-	113106#	12	1.4
	(_E12J_) [12T-]					05.02- 05.04	113106#	12	1.4
Corolla 1.8 4x4	(_E10_)					08.95- 04.97	113106#	12	1.4
	(_E12J_) [12T-]					06.07-	113106#	12	1.4
Corolla 1.8 Linea Terra	(_E11_) [7A-FE]					10.97- 10.01	113106#	12	1.4
Corolla 1.8 Verso	(_E12J_)					03.04-	113106#	12	1.4
	(_ZER_) [ZE-]					03.04-	113106#	12	1.4
Corolla 1.8 XL	(_E10_) [7A-FE]					01.93- 11.93	113106#	12	1.4
Corolla 1.8 XL 4WD	(_E10_) [7A-FE]					01.93- 11.93	113106#	12	1.4
Corolla 1.8 VVTi Verso 4x4	(_E12J_) [1ZZ-FE]					10.01- 02.04	113106#	12	1.4
Corolla 2.0 D-4D GS	(_E11_) [1CD-FTV]	08.00- 10.01	114227	14	120	08.00- 10.01	114240	12	1.4
Corolla 2.2 D-4D	(_E12J_) [2AD-FHV]	11.06-	114390	14	100	11.06-	114216	12	2.0
	(_E12U_) [2AD-FHV]	11.06-	114390	14	100	11.06-	114216	12	2.0
Corona 1.6						12.87- 12.87	113806	12	1.0
Corona 1.6 EZ						01.93- 09.97	113106#	12	1.4
Corona 1.8 EZ						01.93- 09.97	113106#	12	1.4
Crown 2.4 Diesel		08.94- 08.99	114203	14	60				
Dyna 2.4 Diesel	[2L]					08.77- 04.79	114417	12	2.5
Dyna 100 1.8	(YH_) [2Y]					01.86- 08.91	110708	12	2.7
						09.91- 09.93	111387	12	2.0
Dyna 150 2.8 Diesel	(LY_) [3L]					08.89- 09.93	111387	12	2.0
Dyna 200 3.0 Diesel						08.89- 09.93	111387	12	2.0
						09.84- 08.87	111401#	24	4.5
Dyna 200 3.7 Diesel	[14B]					08.88- 05.95	114417	12	2.5
Dyna 300 3.4 Diesel						09.84- 08.88	111401#	24	4.5
Echo 1.5 VVTi	[1N2-FE]					04.99- 08.05	113314	12	1.0
Hiace 2.2	(H5_) [4Y]					01.87-	110397	12	1.0
Hiace 2.2 4x4	(H5_) [4Y]					01.87-	110397	12	1.0
Hiace 3.0 Diesel	(_H1_) [H2_] [5L]					08.98-	113936	12	2.7
Hilux 1.6	(_N_) [12R]					05.72- 03.82	110154	12	0.8
Hilux 1.8	(_N_) [12Y]					08.83- 03.89	110397	12	1.0
Hilux 2.0 4x4	(_N_) [18R]					09.79- 12.83	110152	12	0.9
Hilux 2.2 Diesel	(_N_) [1L]					01.83-	113387	12	2.0
						08.97-	111784	12	1.4
Hilux 2.4 4x4	[22RE]					08.95-	112336	12	2.0
Hilux 2.4 TD 4x4						01.89-	111551#	12	1.4
Hilux 3.0 4x4						08.93- 11.95	111783	12	1.4
Hilux 3.0 TDIC 4x4	[1KZ-T]								
Hilux 3.4	(_N_)	08.01- 07.05	114362	14	80				
Land Cruiser 2.4 80 4x4	(_J8_) [22R]					01.90- 05.93	113239	12	2.5
Land Cruiser 2.5 TD 4WD	(_J6_)					11.84- 12.89	113239	12	2.5
Land Cruiser 2.5 TD 4x4	(_J7_)					11.84- 12.89	113239	12	2.5
Land Cruiser 2.7	(_J12_) [2TR-FE]					11.03-	113239	12	2.5
Land Cruiser 2.7 90	(_J9_)					04.95- 07.02	113239	12	2.5
Land Cruiser 3.0 TD 90	(_J9_) [1KZ-TE]					04.95- 07.00	113239	12	2.5
Land Cruiser 3.0 TD GX 90 Custom 4WD	(_J8_) [1KZ-T]					01.90- 09.91	113239	12	2.5
						01.90- 09.91	113757	12	2.2
Land Cruiser 3.4	(_J12_)					09.02- 08.04	113239	12	2.5
Land Cruiser 3.4 Diesel 80 4x4	(_J8_)					01.90- 12.96	113239	12	2.5
Land Cruiser 3.5 80 FRT-Top 4WD	(_J8_) [1PZ]					01.90- 08.92	113239	12	2.5
Land Cruiser 3.5 FRT-Top 4WD	(_J7_) [1PZ]					01.90- 08.92	113239	12	2.5
Land Cruiser 4.0	(_J12_)					09.02- 08.04	113239	12	2.5
Land Cruiser 4.0 Diesel 4x4	(_J7_) [2H]					08.87- 12.89	113239	12	2.5



Land Cruiser 4.0 TD 4x4	( J7 )					01.97-	08.01	113239	12	2.5		
Land Cruiser 4.2 TD 90 4WD	( J9 )					08.99-	08.01	113239	12	2.5		
Land Cruiser 4.2 TD 24V 100	( J10 ) [1HD-FTE]					01.98-	07.03	113239	12	2.5		
Land Cruiser 4.5 80	( J8 )					08.92-	01.98	113239	12	2.5		
Land Cruiser 4.7 90	( J9 )					08.02-		113239	12	2.5		
MR 2 2.0	( W2 ) [3S-FE]	12.89-	08.92	111705	14	70						
Picnic 2.4 VVTI 4x4	[2AZ-FE]							11.03-	08.06	114255	12	1.3
PZJ75								01.90-	01.95	113239	12	2.5
RAV 4 2.0 4x4	( SXA1 )	04.94-	09.97	111517	14	70		04.94-		111463	12	1.0
		04.94-	09.97	111468	14	80						
Sequoia 4.7	[2UZ-FE]	05.00-		114433	14	80		05.00-		114440	12	1.4
Sequoia 4.7 4x4		05.00-		114433	14	80		05.00-		114440	12	1.4
Starlet 1.3 XL	( _P8_ ) [2E]	12.89-	06.91	110496	14	60						
		12.89-	01.92	110628	14	45						
Stout 2.2	[4Y]							01.68-		110152	12	0.9
Wish 2.0 Zi								04.03-		114255	12	1.3
<b>TRUCKS EU</b>												
Coaster 4.2		01.93-		113202#	28	85		01.93-	05.97	111679	24	4.5
Dyna 400	[BU222LT-8.0]			114363	28	60						
<b>FORK LIFTS</b>												
2FD100	[2D]							01.84-	01.93	110507	24	4.5
2FD115	[2D]							01.84-	01.93	110507	24	4.5
2FD135	[2D]							01.84-	01.93	110507	24	4.5
2FG-7				110629	14	35						
2FG-9				110629	14	35						
2FGL-7				110629	14	35						
2FGL-9				110629	14	35						
3FD	[2D]							01.80-	01.90	110507	24	4.5
3FG-20												
3FG-23												
3FG-25												
3FGC-10												
3FGC-13												
3FGC-15												
3FGL												
4FG												
4FGC												
4FGL												
4SG-10				110629	14	35						
4SG-12				110629	14	35						
4SG-15				110629	14	35						
5FD-10		01.89-	01.94	110629	14	35						
5FD-14		01.89-	01.94	110629	14	35						
5FD-15		01.89-	01.94	110629	14	35						
5FD-18		01.89-	01.94	110629	14	35						
5FD-20		01.89-	01.94	110629	14	35						
5FD-23		01.89-	01.94	110629	14	35						
5FD-25		01.89-	01.94	110629	14	35						
5FD40		01.88-	01.93	111018	14	50		01.88-	01.93	110490	24	4.5
		01.89-	01.94	112252	28	25						
5FD45		01.89-	01.94	112252	28	25		01.88-	01.94	110490	24	4.5
5FD50		01.90-	01.94	112252	28	25		01.90-		110490	24	4.5
5FD60		01.90-	01.94	112252	28	25		01.90-		110490	24	4.5
5FD70		01.90-	01.94	112252	28	25		01.90-		110490	24	4.5
5FDL-10		01.89-	01.94	110629	14	35						
5FDL-14		01.89-	01.94	110629	14	35						
5FDL-15		01.89-	01.94	110629	14	35						
5FDL-18		01.89-	01.94	110629	14	35						
5FDL-20		01.89-	01.94	110629	14	35						
5FDL-23		01.89-	01.94	110629	14	35						
5FDL-25		01.89-	01.94	110629	14	35						
5FG10		01.89-	01.94	110629	14	35		01.89-		111189	12	0.8
								01.86-	01.94	110411	12	1.4
5FG14		01.89-	01.94	110629	14	35		01.86-	01.94	110411	12	1.4
								01.89-		111189	12	0.8
5FG15		01.89-	01.94	110629	14	35		01.89-		111189	12	0.8
5FG18		01.89-	01.94	110629	14	35		01.89-		111189	12	0.8
5FG20		01.86-	01.88	111017	14	50						
		01.89-		111018	14	50						
		01.89-	01.94	110629	14	35						
5FG23		01.86-	01.88	111017	14	50						
		01.89-	01.93	111018	14	50						
		01.89-	01.94	110629	14	35						
5FG25		01.86-	01.88	111017	14	50						
		01.89-	01.93	111018	14	50						
		01.89-	01.94	110629	14	35						
5FG-28		01.89-	01.94	110629	14	35						
5FG-30		01.89-	01.94	110629	14	35						
5FG35		01.89-		111018	14	50						
5FG38		01.89-		111018	14	50						
5FG40		01.89-		111018	14	50						
5FG45		01.90-		111018	14	50						
5FG50								01.94-		110411	12	1.4
5FG60		01.90-		111018	14	50						
5FGL10		01.89-	01.94	110629	14	35		01.86-		110411	12	1.4
								01.89-		111189	12	0.8
5FGL14		01.89-	01.94	110629	14	35		01.86-		110411	12	1.4
								01.89-		111189	12	0.8
5FGL15		01.89-	01.94	110629	14	35		01.86-		110411	12	1.4
								01.89-		111189	12	0.8
5FGL18		01.89-	01.94	110629	14	35		01.89-		111189	12	0.8
								01.86-		110411	12	1.4
5FGL20		01.86-	01.88	111017	14	50		01.89-		110411	12	1.4
		01.89-	01.94	110629	14	35						
		01.89-		111018	14	50						
5FGL23		01.86-	01.88	111017	14	50						
		01.89-	01.94	110629	14	35						
		01.89-		111018	14	50						
5FGL-25		01.89-	01.94	110629	14	35						
6FDL-10				110629	14	35						
6FDL-14				110629	14	35						
6FDL-15				110629	14	35						
6FDL-18				110629	14	35						
6FDL-20				110629	14	35						
6FDL-23				110629	14	35						
6FDL-25				110629	14	35						
6FG-10				110629	14	35						
6FG-14				110629	14	35						
6FG-15				110629	14	35						
6FG-18				110629	14	35						
6FG-20				110629	14	35						
6FG-23				110629	14	35						
6FG-25				110629	14	35						
6FG-28				110629	14	35						
6FG-30				110629	14	35						
6FGL-10				110629	14	35						
6FGL-14				110629	14	35						
6FGL-15				110629	14	35						
6FGL-18				110629	14	35						
6FGL-20				110629	14	35						
6FGL-23				110629	14	35						
6FGL-25				110629	14	35						
7FD10		01.98-		112358	14	55						
7FD14		01.98-		112358	14	55						
7FD15		01.98-		112358	14	55						

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TOYOTA Continued**

7FD18		01.98-	112358	14	55				
7FD20		01.98-	112358	14	55				
						01.98-	112036	12	2.5
						01.98-	113238	12	2.7
7FD23		01.98-	112358	14	55				
						01.98-	112036	12	2.5
						01.98-	113238	12	2.7
FD100	[2D]					01.82- 01.84	110507	24	4.5
FG20	[2R]		110137	14	30				
			110138	14	40				
FG23									
FG25	[5R]		110137	14	30				
			110138	14	40				
FGC23									
FGL									
Various Models			113989	14	50				
<b>Triumph</b>									
<b>PASSENGER CARS EU</b>									
Acclaim 1.3	[EJ]								
Splitfire 1.5 1500	[FM11]	01.75- 12.80	110178	14	36	01.75- 12.80	111103	12	0.8
Splitfire MK 1.3	[FM3]	01.71- 01.72	110178	14	36	01.71- 12.72	111103	12	0.8
TR 6 2.5	[CF1]	01.69- 12.76	110179	14	36				
		01.72- 12.76	110178	14	36				
TR 7 2.0	[CG2]	01.73- 12.81	110179	14	36				
<b>PASSENGER CARS US</b>									
GT6 2.0						01.68- 01.73	111102	12	0.8
Splitfire 1.2						01.63- 01.67	111102	12	0.8
Splitfire 1.3						01.68- 01.72	111102	12	0.8
Splitfire 1.5	[FP]	01.75- 01.79	110178	14	36	01.75- 01.79	111102	12	0.8
	[W]	01.80- 01.80	110178	14	36	01.80- 01.80	111102	12	0.8
		01.73- 01.74	110178	14	36	01.73- 01.74	111102	12	0.8
Splitfire 3.0						01.71- 01.73	110336	12	0.75
TR 250 2.5		01.68- 01.68	110178	14	36	01.68- 01.68	111102	12	0.8
TR 6 2.5	[CF]	01.75- 01.76	111184	14	43				
		01.69- 01.73	110178	14	36				
TR 7 2.0	[I]	01.81- 01.81	110179	14	36	01.69- 01.70	111102	12	0.8
	[CL]	01.75- 01.79	110179	14	36	01.81- 01.81	110868	12	1.1
	[CV]	01.77-	110179	14	36	01.75- 01.79	110868	12	1.1
	[J]	01.80- 01.80	110179	14	36				
		01.82-	110179	14	36	01.80- 01.80	110868	12	1.1
TR 8 3.5		01.80- 01.81	111185	14	43				
<b>Universal</b>									
<b>MISC.</b>									
Universal unit									
			110977	28	35				
			111355	14	65				
<b>Ursus</b>									
<b>AGRICULTURE</b>									
385						01.75- 01.82	110493#	12	3.6
912							110551	12	3.0
914							110551	12	3.0
933							110551	12	3.0
935							110551	12	3.0
1014							110551	12	3.0
1033							110551	12	3.0
1035							110551	12	3.0
1133							110551	12	3.0
1614							110551	12	3.0
3512							111013		
3514							111013		
4215							111013		
4512							111013		
4514							111013		
5312							111013		
5314							111013		
C360							110545	12	3.0
							114254	12	2.7 GR
C385							110551	12	3.0
							110545	12	3.0
							114254	12	2.7 GR
Various Models						01.50-	110493#	12	3.6
<b>Valpadana</b>									
<b>AGRICULTURE</b>									
2020 0.7	[7LD665]					03.88- 12.90	113268	12	1.6
Various Models							113268	12	1.6
							112171	12	1.1
							110844	12	2.2
VMC 130						01.89-	112171	12	1.1
VMC 150						04.84-	112171	12	1.1
<b>Valtra</b>									
<b>AGRICULTURE</b>									
305		01.83-	113574	14	65				
355		01.89- 01.94	111362	14	55				
405		01.83-	113574	14	65				
411	[411C]					01.81- 01.85	113484	24	4.0
455		01.89- 01.94	111362	14	55				
505 3.3		08.82-	113574	14	65	08.82-	114254	12	2.7 GR
						01.69- 01.75	110545	12	3.0
605 3.3		08.82-	113574	14	65	08.82- 06.94	110545	12	3.0
						08.82-	114254	12	2.7 GR
611 6.6	[611C]					01.75- 12.85	113484	24	4.0
705 4.4		08.82-	113574	14	65	01.71- 01.72	110545	12	3.0
						08.82-	114254	12	2.7 GR
805 4.4		08.82-	113574	14	65	08.82- 06.94	110545	12	3.0
						08.82-	114254	12	2.7 GR
905		01.83-	113574	14	65				
2005		01.85-	112742	14	90				
2105		01.85-	112742	14	90				
6000		01.90-	113574	14	65				
6100		01.90-	113574	14	65				
6300		01.91-	110968	14	70				
		01.91-	111355	14	65				
6400		01.91-	110968	14	70				
		01.91-	111355	14	65				
6600		01.91-	110968	14	70				
		01.91-	111355	14	65				
8000		01.90-	110968	14	70				
		09.90-	111355	14	65				
8050	[620DS]	01.96-	112556	14	95	01.96-	110545	12	3.0
						01.96-	114254	12	2.7 GR
8100		01.90-	110968	14	70				
		09.90-	111355	14	65				
8150	[620DS]	01.96-	112556	14	95	01.96-	110545	12	3.0
						01.96-	114254	12	2.7 GR
8300	[612D]	01.90- 01.93	111355	14	65				
8400	[620DS]	01.93- 01.95	111355	14	65				
8450	[620DW]	01.96-	112556	14	95	01.96-	110545	12	3.0
						01.96-	114254	12	2.7 GR
8550	[634DS]	01.98-	112556	14	95	01.96-	110545	12	3.0
						01.98-	114254	12	2.7 GR
8600	[612DS]	01.90- 01.93	111355	14	65				



8750	[634DA]	01.98-	112556	14	95	01.96-	01.98	110545	12	3.0	
	[634DS]	01.98-	112556	14	95	01.96-	01.98	114254	12	2.7	GR
8950	[634DS]	01.98-	112556	14	95	01.96-	01.98	110545	12	3.0	
						01.96-		114254	12	2.7	GR
A75N 3.3 Turbo	[33DT]							110545	12	3.0	
A85N 4.4 Turbo	[44DT]							113901	12	3.0	
A95N 4.4 Turbo	[44DT]							113901	12	3.0	
S230 8.4		01.02-	113610	14	120						
		01.02-	112556	14	95						
S260 8.4	[645D..]	01.02-	112556	14	95						
		01.02-	113610	14	120						
T120		01.02-	113610	14	120	04.00-		113570	12	4.2	
		01.02-	112556	14	95						
T130		01.02-	113610	14	120	04.00-		113570	12	4.2	
T140		01.02-	113610	14	120	04.00-		113570	12	4.2	
T160		01.02-	113610	14	120	04.00-		113570	12	4.2	
T170		01.02-	113610	14	120	04.00-		113570	12	4.2	
T180		01.02-	113610	14	120	04.00-		113570	12	4.2	
T190		01.02-	113610	14	120	04.00-		113570	12	4.2	
Various Models								113570	12	4.2	
X 100		01.99-	112556	14	95						
		01.02-	113610	14	120						
X 110		01.99-	112556	14	95						
		01.02-	113610	14	120						
X 120		01.99-	112556	14	95						
		01.99-	113610	14	120						
<b>Various</b>											
<b>TRUCKS US</b>											
Various Models								Military Equipment, GM 6.2L	113435	24	4.5
			112991	14	130	01.79-	01.80	110436	12		
			113740	14	160						
			113739	14	130						
<b>MARINE</b>											
Various Models			111487	14	160			110999	24		
			110577	28	55			111049	12		
			113633	14	55						
			111761	14	105						
			110976	14	65						
			112237	14	70						
			113152	14	90						
<b>MISC.</b>											
Universal Alternator			114355	28	55						
<b>Vauxhall</b>											
<b>PASSENGER CARS EU</b>											
Agila 1.0		01.08-	114247	14	75						
Agila 1.0 12V	[Z10XE]	09.00-	111824	14	70			Chas. -19P00893-09.00-	111123	12	0.9
		09.00-	111824	14	70			Chas. 19P00894-09.00-	113276	12	1.1
	[Z10XEP]	08.03- 08.07	111824	14	70			08.03-	113276	12	1.1
Agila 1.0 LPG	[K10B]	01.08-	114247	14	75						
Agila 1.2	[K12B]	05.09-	114247	14	75						
		01.08-	114247	14	75						
Agila 1.2 16V	[K12B]	01.08-	114247	14	75						
	[Z12XE]	09.00-	111824	14	70			09.00-	111684	12	1.4
		09.00-	111824	14	70			09.00-	113276	12	1.1
		Chas. 1G021260-09.00-	111824	14	70			07.04-	111123	12	0.9
Agila 1.2 16V Twinport	[Z12XEP]	07.04- 08.07	111824	14	70						
Agila 1.2 LPG	[K12B]	04.08-	114247	14	75						
Antara 3.2 V6	[Z32SEE]	05.06-	114235	14	120						
Arena 1.9 Diesel	[F8Q600]							03.98- 08.01	113481	12	1.4
	[F8Q606]							03.98- 08.01	113481	12	1.4
Arena 2.5 Diesel	[S8U758]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2
		03.98- 08.01	112057	14	110						
	[S8U780]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2
		03.98- 08.01	112057	14	110						
	[S8U782]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2
		03.98- 08.01	112057	14	110						
Astra 1.6	[Z16XEP]	09.05-	114431	14	120			09.05-	113276	12	1.1
	[Z16XER]	10.06-	114431	14	120						
Astra 1.8	[Z18XER]	05.08-	114431	14	120						
Astra 1.9 CDTi	[Z19DTH]	01.06-	113904	14	140						
		01.06-	113955	14	105						
		01.06-	114088	14	140						
Astra 1.9 CDTi LE	[Z19DTL]	08.05-	113904	14	140			08.05-	113931	12	1.7
		08.05-	113955	14	105						
		08.05-	114088	14	140						
		08.05-	114204	14	120						
Astra 2.0 Turbo	[Z20LET]	03.02-	112416	14	100			03.02-	111848	12	1.0
Astra 2.0 Turbo SRI	[Z20LET]	07.02-	112416	14	100			07.02-	111848	12	1.0
Astra D 1.2 S	[12S]	02.82- 08.84	110077	14	50			02.82- 08.84	110364	12	0.65
		02.82- 08.84	110971	14	65						
		02.82- 08.84	110925#	14	45						
		08.82- 08.84	113376	14	55						
Astra D 1.3 S	[13S]	09.79- 08.84	110077	14	50			09.79- 08.84	111055	12	0.7
		09.79- 08.84	111656	14	45						
		09.79- 08.84	113376	14	55						
Astra D 1.6 S	[16SH]							09.81- 08.86	111698		
Astra D 1.6 Diesel	[16D]	02.82- 08.86	110972	14	65			03.82- 01.84	111057		
								01.85- 01.89	110839	12	1.7
Astra D 1.8 GTE	[18E]	03.83- 08.86	110914	14	45			03.83- 08.86	111056	12	0.8
		03.83- 08.86	110972	14	65						
		03.83- 08.86	111168	14	55						
Astra E 1.2	[12S]	09.84- 08.91	110077	14	50			09.84- 12.88	110364	12	0.65
		09.84- 08.91	110760	14	55			09.84- 08.91	111055	12	0.7
		09.84- 08.91	113376	14	55						
		09.84- 12.88	110925#	14	45						
Astra E 1.3	[13S]	09.84- 08.91	110077	14	50			09.84- 08.91	111123	12	0.9
		09.84- 08.91	110760	14	55			09.84- 08.87	111055	12	0.7
		09.84- 08.91	113376	14	55						
Astra E 1.4 i	[C14NZ]	01.90- 08.91	111166	14	70			01.90- 08.91	111127	12	1.4
		01.90- 08.91	113376	14	55			01.90- 08.91	111123	12	0.9
		PS 01.90- 08.91	111170	14	65						
Astra E 1.4 S	[14NV]							01.90- 08.91	111055	12	0.7
Astra E 1.6	[16SV]							09.84- 12.91	111055	12	0.7
								02.82- 01.88	111056	12	0.8
Astra E 1.6 Diesel	[16DA]	03.82- 08.88	110972	14	65			09.84- 12.89	110839	12	1.7
		09.88- 01.89	111168	14	55						
		09.88- 12.89	112056	14	70						
Astra E 1.7 Diesel	[17DR]	02.89-	111168	14	55			01.89- 08.91	111057		
Astra E 1.8 GTE	[18E]	09.84- 08.86	111168	14	55			09.84- 08.86	111056	12	0.8
		09.84- 08.86	111800	14	70			01.88- 01.91	111122	12	1.0
	[18SE]	09.86- 08.91	111168	14	55			09.86- 08.91	111056	12	0.8
		09.86- 08.91	111800	14	70						
Astra E 2.0 GTE	[20SEH]	09.86- 12.88	111800	14	70			03.87- 08.91	111122	12	1.0
		01.88- 08.91	111169	14	70			03.87- 08.91	110847	12	1.4
Astra E 2.0 16V GTE	[20XE]							05.88- 08.91	110847	12	1.4
								05.88- 08.91	111122	12	1.0
Astra F 1.4 i 16V	[X14XE]	02.96- 09.98	112229	14	70			02.96- 09.98	111123	12	0.9

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VAUXHALL Continued

Astra F 1.4 i	[C14NZ]	09.91-08.95	111166	14	70	09.91-02.98	110779	12	2.0		
		09.91-	112229	14	70	09.91-09.93	111055	12	0.7		
		09.91-09.98	113376	14	55	09.91-09.98	111127	12	1.4		
		09.95-09.98	111891	14	70	09.91-09.98	111123	12	0.9		
		09.95-09.98	112689	14	55						
		PS 09.91-08.92	111170	14	65						
		PS 09.92-09.98	112229	14	70						
	[C14SE]	03.91-08.95	112775	14	70	03.91-09.98	110779	12	2.0		
		05.93-	112229	14	70	03.91-09.98	111123	12	0.9		
		09.95-09.98	111891	14	70	03.92-06.94	111055	12	0.7		
		PS 03.91-08.92	111170	14	65	03.91-09.98	111127	12	1.4		
		PS 09.92-09.98	112229	14	70						
	[X14XE]	01.96-	111990	14	70	01.96-	111123	12	0.9		
		01.96-	112229	14	70	09.97-01.96-	111684	12	1.4		
Astra F 1.4 S	[14NV]	09.91-09.93	111166	14	70	09.91-	111123	12	0.9		
		09.91-02.98	111732	14	120	09.91-02.95	111055	12	0.7		
		09.91-09.93	113376	14	55	09.91-	111127	12	1.4		
		09.95-09.98	111891	14	70	09.91-02.98	110779	12	2.0		
		09.95-09.98	112689	14	55						
		Chas. S2500016-09.91-02.98	111891	14	70						
		Chas. S2500016-09.91-02.98	112689	14	55						
		Chas. -S2500015-09.91-09.93	113376	14	55						
		Astra F 1.6 i 16V	[X16XEL]	01.94-02.98	111732	14	120	01.94-02.98	111123	12	0.9
				01.94-09.98	112229	14	70	01.94-02.98	111055	12	0.7
01.94-02.98	112558#			14	120						
Astra F 1.6 i	[C16NZ]	09.91-08.95	111166	14	70	09.91-02.98	111123	12	0.9		
		09.91-08.92	111170	14	65	09.91-04.94	111055	12	0.7		
		09.95-02.98	111891	14	70						
		PS 09.91-08.95	111166	14	70						
		PS 09.91-08.92	111170	14	65						
		PS 09.92-02.98	112229	14	70						
		[C16SE]	03.92-08.95	111166	14	70	03.92-02.98	111123	12	0.9	
	03.92-02.98		111426	14	100	03.92-02.98	111127	12	1.4		
	03.92-02.98		111732	14	120	03.92-02.98	111055	12	0.7		
	09.92-		112229	14	70						
	09.95-		111891	14	70						
	PS 03.92-08.92		111170	14	65						
	PS 09.92-12.94		112229	14	70						
	[E16NZ]	09.91-08.95	111166	14	70	09.91-02.98	111123	12	0.9		
09.91-08.92		111170	14	65	09.91-04.94	111055	12	0.7			
09.95-02.98		111891	14	70							
PS 09.91-08.95		111166	14	70							
PS 09.91-08.92		111170	14	65							
[X16SZ]	03.93-08.95	112775	14	70	07.94-02.98	111055	12	0.7			
	07.94-02.98	111426	14	100	07.94-02.98	111123	12	0.9			
	07.94-02.98	111732	14	120							
	09.95-08.96	111891	14	70							
	PS 03.93-08.96	112229	14	70							
	[X16SZR]	09.95-08.97	111426	14	100	03.92-09.98	111123	12	0.9		
		09.95-08.97	111732	14	120	09.97-	111684	12	1.4		
09.95-09.97		111891	14	70	03.92-09.98	111127	12	1.4			
PS 09.95-08.97		111170	14	65							
PS 09.95-08.97		112229	14	70							
Astra F 1.6 i Eco	[X16SZ]	08.94-08.95	112775	14	70	07.94-02.98	111055	12	0.7		
		09.95-07.96	111891	14	70						
		PS 08.94-07.96	112229	14	70						
Astra F 1.7 Diesel	[17D]	12.91-02.98	111515	14	70	12.91-09.92	111057				
	12.91-09.92	112056	14	70	12.91-09.92	110839	12	1.7			
[17DR]	07.92-09.98	112056	14	70	07.92-09.98	110839	12	1.7			
	09.92-09.98	111515	14	70	07.92-09.98	111057					
Astra F 1.7 TD	[17DT (TC4EE1)]	12.91-02.98	111515	14	70	Chas. 997453-12.91-02.98	111690	12	1.1		
		12.91-	112056	14	70	Chas. -750406-12.91-02.98	111274	12	1.2		
	Chas. -S2...S5...S6...S8999999	12.91-02.98	111186	14	70						
	[X17DTL]	11.94-09.98	111515	14	70	11.94-09.98	110839	12	1.7		
11.94-09.98		112056	14	70							
Astra F 1.8 16V	[C18XEL]	11.94-	111426	14	100	11.94-	111848	12	1.0		
		11.94-	112229	14	70						
[X18XE]	03.96-	111426	14	100	03.96-	111848	12	1.0			
	03.96-	112229	14	70							
Astra F 1.8 i 16V	[C18XE]	09.94-10.94	111426	14	100	09.94-10.94	111848	12	1.0		
		09.94-02.98	111732	14	120						
		09.94-10.94	112229	14	70						
[C18XEL]	09.94-	111426	14	100	09.94-	111848	12	1.0			
	09.94-02.98	111732	14	120							
	09.94-	112229	14	70							
Astra F 1.8 i	[C18NZ]	09.91-08.92	111169	14	70	09.91-09.98	111698				
		09.91-09.98	111426	14	100						
		09.91-09.98	112229	14	70						
		03.92-09.98	111514	14	100						
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14	100	09.91-	110847	12	1.4		
		09.91-	111732	14	120	09.91-	111698				
		09.91-02.98	112056	14	70						
		09.91-02.98	112229	14	70						
	[X20XE]	02.95-09.98	111426	14	100	02.95-09.98	111848	12	1.0		
02.95-09.98	112229	14	70								
Astra F 2.0 i	[C20NE]	09.91-08.92	111169	14	70	09.91-12.94	110847	12	1.4		
		09.91-02.98	111732	14	120	09.91-09.98	111698				
		03.92-09.98	111426	14	100						
		03.92-09.98	112229	14	70						
Astra G 1.2 16V	[X12XE]	02.98-	111824	14	70	02.98-09.00	113276	12	1.1		
		02.98-	112416	14	100	09.97-09.00	111123	12	0.9		
Astra G 1.4 16V	[X14XE]	02.98-	111990	14	70	09.97-08.00	111123	12	0.9		
	02.98-	112416	14	100							
[Z14XE]	02.98-	111990	14	70	09.00-	111123	12	0.9			
	02.98-	112416	14	100							
Astra G 1.6	[X16SZR]	02.98-	111990	14	70	02.98-09.00	113276	12	1.1		
		02.98-09.00	112416	14	100	09.97-09.00	111123	12	0.9		
Astra G 1.6 16V	[X16XEL]	02.98-	111990	14	70	09.97-08.00	111123	12	0.9		
		02.98-08.00	112416	14	100						
[Z16XE]	02.98-	111990	14	70	09.00-	111123	12	0.9			
	02.98-	112416	14	100							
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14	100	02.98-	110839	12	1.7		
		02.98-	112077#	14	70						
Astra G 1.8 16V	[X18XE1]	02.98-	111990	14	70	02.98-09.00	113276	12	1.1		
02.98-	112416	14	100	09.97-09.00	112431	12	1.1				
Astra G 2.0 16V	[X20XE]	02.98-	111990	14	70	09.97-	111848	12	1.0		
02.98-	112416	14	100								
Astra G 2.0 Diesel	[X20DTL]	02.98-	111514	14	100	02.98-	113674	12	2.0		
		02.98-	113879	14	100						
		09.00-	112415	14	120	09.98-	113674	12	2.0		
02.98-	111514	14	100								
02.98-	113879	14	100								
A19											







Application list

VAUXHALL Continued

Astra MK V 1.9 CDTI 16V	[Z19DTJ]	04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204	14 14 14 14	140 105 140 120				
Astra MK V 1.9 CDTI	[Z19DT]	02.05- 02.05- 02.05- 02.05-	113904 113955 114088 114204	14 14 14 14	140 105 140 120	02.05-	113931	12	1.7
	[Z19DTH]	06.04- 06.04- 06.04- 06.04-	113904 113955 114088 114204	14 14 14 14	140 105 140 120	06.04-	113931	12	1.7
	[Z19DTL]	08.05- 08.05- 08.05- 08.05-	113904 113955 114088 114204	14 14 14 14	140 105 140 120	08.05-	113931	12	1.7
Astra MK V 2.0 Turbo	[Z20LEL]					03.04-	111848	12	1.0
Astra MK V 2.0 CDTI	[A20DTH]	08.11-	114202	14	100				
Astra MK V 2.0 CDTI Sports Tourer	[A20DTH]	08.11-	114202	14	100				
Astra MK VI 1.3 CDTI 16V	[A13DTE]					12.09-	114029	12	1.8
Astra MK VI 1.6	[A16LET]	10.11-	114067	14	140				
Astra MK VI 1.7 CDTI 16V	[A17DTJ]					10.10-	112320	12	1.4
	[A17DTR]					10.10-	112320	12	1.4
Astra MK VI 1.7 CDTI	[A17DTR]					12.09-	112320	12	1.4
Astra MK VI 2.0 CDTI 16V	[A20DTH]					10.10-	114058	12	1.7
Astra MK VI 2.0 CDTI	[A20DTH]	10.11-	114202	14	100	12.09-	113931	12	1.7
Astravan 1.3 CDTI	[Z13DTH]	08.05-	113722	14	90				
Astravan 1.9 CDTI	[Z19DTH]	03.05- 03.05- 03.05-	113904 113955 114088	14 14 14	140 105 140				
	[Z19DTJ]	03.05- 03.05- 03.05-	113904 113955 114088	14 14 14	140 105 140				
Astravan III 1.4 i	[C14NZ]	01.91- 10.94 01.91- 10.94 PS 01.91- 08.92 PS 01.91- 10.94	111166 113376 111170 112229	14 14 14 14	70 55 65 70	09.91- 02.98 09.90- 02.98	111127 111055	12	1.4 0.7
Astravan III 1.6 i	[C16NZ]	01.91- 08.95 09.95- 08.98 PS 01.91- 08.92 PS 09.95- 08.98	111166 111891 111170 112229	14 14 14 14	70 70 65 70	09.91- 02.98 09.91- 02.98	111127 111055	12	1.4 0.7
	[X16SZ]	02.94- 08.95 09.95- 10.96 PS 02.94- 10.96	112775 111891 112229	14 14 14	70 70 70	07.94- 02.98	111055	12	0.7
Astravan III 1.7 Diesel	[17DR]	01.91- 08.94 01.91- 08.94	111515 112056	14 14	70 70	01.91- 08.94	110839	12	1.7
Astravan III 1.7 TD	[X17DTL]	01.94- 08.98 01.94- 08.98	111515 112056	14 14	70 70	01.94- 08.98	110839	12	1.7
Astravan MK IV 1.6 i	[X16SZR]	08.98- 08.98-	111990 112416	14 14	70 100	08.98- 09.00	111123	12	0.9
	[Z16SE]	09.00- 09.00-	111990 112416	14 14	70 100	09.00- 09.00-	113266 111123	12	0.9
Astravan MK IV 1.7 CDTI	[Z17DTL]	04.04- 04.04- AC 04.04-	112271 113956 114121	14 14 14	100 100 110	04.04-	112320	12	1.4
Astravan MK IV 1.7 TD	[X17DTL]	08.98-	112077#	14	70	08.98-	111057		
Astravan MK IV 2.0 Diesel Di	[X20DTL]	08.98-	111514	14	100	08.98-	113674	12	2.0
Astravan MK IV 2.0 DTI	[Y20DTH]	04.04- A19	111514	14	100	Eng. 17883781- 04.04-	113674	12	2.0
Astravan Mk V 1.6	[Z16XEP]	03.05-	114431	14	120				
Astravan Mk V 1.7 CDTI 16V	[Z17DTH]	03.05- 03.05-	113956 114121	14 14	100 110	03.05-	112320	12	1.4
Astravan Mk V 1.7 CDTI	[Z17DTL]	03.05- 07.06 AC 03.05- 07.06	113956 114121	14 14	100 110				
Belmont 1.3	[13S]	09.85- 08.88 09.85- 12.88 09.88- 08.91	111656 113376 111166	14 14 14	45 55 70	09.85- 08.91	111055	12	0.7
Belmont 1.4 i	[C14NZ]	01.90- 12.91	113376	14	55	09.90- 12.91	111055	12	0.7
Belmont 1.5 DT	[15DT]					01.87- 08.89	111136	12	1.4
Belmont 1.6	[16SH]	09.85- 08.91 09.85- 08.91 09.85- 08.91	110914 111168 113376	14 14 14	45 55 55	09.85- 01.88 01.88- 09.93 01.88- 09.93	111056 111123 111127	12	0.8 0.9 1.4
Belmont 1.6 S	[16SH]					01.89- 12.91	111055	12	0.7
Belmont 1.6 Diesel	[16DA]	09.85- 08.91	110972	14	65	09.85-	110839	12	1.7
Belmont 1.7 Diesel	[17D]	12.82- 08.88	110914	14	45	01.89- 01.91	110839	12	1.7
Belmont 1.8	[18SE]					AT 09.86- 09.93 09.86- 09.93	111056 111698	12	0.8
Belmont 1.8 i	[18E]	09.85- 08.86 09.85- 08.86 09.85- 08.86	110914 111168 111800	14 14 14	45 55 70				
	[18SE]	09.86- 08.91 09.86- 08.91 09.86- 08.91	110914 111168 111800	14 14 14	45 55 70	01.88- 08.91 09.86- 01.88	111122 111056	12	1.0 0.8
Brava 2.3	[23P]					08.94- 09.96	110979	12	1.0
	[4ZD1]					08.91- 08.94	110979	12	1.0
Brava 2.3 4x4	[23P]					08.94- 09.96	110979	12	1.0
	[4ZD1]					09.91- 08.96	110979	12	1.0
Brava 2.5 Diesel	[4JA1]	08.91- 06.94	111267	14	50	08.91- 06.94	112083	12	2.8
Brava 2.5 Diesel 4x4	[4JA1T]	06.90- 12.96 06.90- 12.96	111267 111767	14 14	50 80	06.90- 12.96	112083	12	2.8
Brava 2.5 TD	[4JA1T]	07.94- 03.98	111267	14	50	07.94- 08.02	112083	12	2.8
	[4JA1T]	03.97- 08.02	111767	14	80				
Brava 2.5 TD 4x4	[4JA1T]	12.96- 03.98	111267	14	50	07.94- 08.02	112083	12	2.8
	[4JA1T]	03.97- 08.02	111767	14	80				
Calibra A 2.0 i 16V	[C20XE]					06.90- 12.94	110847	12	1.4
Calibra A 2.0 i 16V 4x4	[C20XE]					06.90- 02.94	110847	12	1.4
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14	100				
Calibra A 2.0 i	[C20NE]	03.90- 03.97	111169	14	70	Eng. 14608701- 03.90- 03.97 Eng. -14608700 10.95- 03.97	111169 111122	12	1.0 DR
Calibra A 2.0 i 4x4	[C20NE]	06.90- 03.97	111169	14	70	06.90- 12.94 01.95- 03.97	110847 111698	12	1.4
Calibra A 2.5 i V6	[C25XE]	02.93- 11.95 02.93- 11.95	111514 112558#	14 14	100 120	04.93- 07.97	112819#	12	1.4
	[X25XE]	04.93- 07.97	111514	14	100				
Carlton 1.8	[18NV]	09.86- 12.89 09.86- 12.89	111168 111169	14 14	55 70	Chas. -K1000098 09.86- 12.89 Chas. K1000099- 09.86- 12.89	111122 111698	12	1.0 DR
		09.86- 12.89	111800	14	70				
	[E18NVR]	09.88- 08.95	111169	14	70	AT 09.87- 03.94	111698		
Carlton 1.8 i	[18SEH]					AT 09.86- 03.94 01.86- 09.86- 03.94	111698 110847 111698	12	1.4



Carlton 1.8 S	[18S]	12.82- 08.88	110914	14	45	12.82- 08.86	111056	12	0.8
		12.82- 08.86	110972	14	65	10.80- 12.82	110341	12	0.8
		12.82- 08.86	111168	14	55				
	[18SV]	09.86- 10.94	111168	14	55	Chas. K1000099- 09.86- 08.95	111698		
		09.86- 08.95	111169	14	70	Chas. -K1000098 09.86- 10.94	111122	12	1.0 DR
Carlton 2.0	[C20NE]	09.86- 10.94	111800	14	70				
		09.86- 10.94	111168	14	55	09.86- 10.94	111122	12	1.0 DR
		09.86- 10.94	111169	14	70	09.86- 10.94	111698		
	[C20NEF]	06.89- 03.94	111168	14	55	Chas. -K1000098 06.89- 03.94	111122	12	1.0 DR
		06.89- 03.94	111169	14	70	Chas. K1000099- 06.89- 03.94	111698		
	[C20NEJ]	06.89- 03.94	111800	14	70	Chas. K1000099- 06.89- 03.94	111698		
		09.88- 03.94	111169	14	70	Chas. -K1000098 06.89- 03.94	111122	12	1.0 DR
		06.89- 03.94	111168	14	55				
		06.89- 03.94	111800	14	70				
Carlton 2.0 i	[20E]	01.83- 12.84	111168	14	55	01.83- 12.84	110770		
						01.83- 12.84	110341	12	0.8
						01.83- 12.84	110589		
	[20SE]	09.86- 08.88	110914	14	45	AT 09.86- 03.94	111698		
						09.86- 10.94	110847	12	1.4
						09.86- 03.94	111122	12	1.0 DR
[C20NEJ]	09.86- 08.88	110914	14	45	Chas. K1000099- 06.89- 03.94	111698			
	06.89- 03.94	111168	14	55	Chas. -K1000098 06.89- 03.94	111122	12	1.0 DR	
	06.89- 03.94	111169	14	70					
		06.89- 03.94	111800	14	70				
Carlton 2.0 S	[C20NEJ]	10.78- 08.86	111178	14	70	10.78- 08.86	110341	12	0.8
						10.78- 08.86	110589		
Carlton 2.2 i	[22E]					11.84- 08.86	110341	12	0.8
Carlton 2.3 Diesel	[23D]	11.84- 08.86	113376	14	55	05.83- 08.86	110779	12	2.0
	[23YD]	09.86- 03.94	111164	14	70	09.86- 03.94	110779	12	2.0
		09.86- 03.94	111669	14	55	09.86- 03.94	110844	12	2.2
		09.86- 03.94	113376	14	55				
Carlton 2.3 TD	[23YDT]	09.86- 08.88	111164	14	70	09.86- 08.88	110844	12	2.2
		09.86- 08.88	111669	14	55	09.86- 08.88	110779	12	2.0
Carlton 2.3 TD Intercooler	[23DTR]	09.88- 10.94	111669	14	55	08.88- 03.94	110779	12	2.0
						09.88- 10.94	110844	12	2.2
Carlton 2.4 i	[C24NE]	09.86- 10.94	111178	14	70	09.86- 10.94	111134		
		Chas. K1000099- 09.86- 10.94	111178	14	70	09.86- 10.94	112225		
Carlton 2.6 i	[C26NE]	09.90- 10.94	112801#	14	90	09.90- 10.94	111134		
						09.90- 10.94	112225		
Carlton 3.0	[30NE]					03.87- 09.90	111134		
	[C30LE]					03.87- 12.87	111134		
	[C30NE]					03.87- 03.94	111134		
Carlton 3.0 24V	[C30SE]					09.89- 03.94	111134		
	[C30SEJ]					09.89- 03.94	111134		
Carlton 3.6 24V Lotus	[C36GET]	01.90- 03.94	112801#	14	90	01.90- 03.94	112225		
Carlton Mk 1.8 S	[18S]	11.82- 08.86	110914	14	45	12.82- 08.86	111056	12	0.8
		11.82- 08.86	110972	14	65				
		11.82- 08.86	111168	14	55				
Carlton Mk II 1.9						12.82-	110341	12	0.8
Cavalier 1.3	[13N]	09.81- 08.88	111656	14	45	08.77- 08.81	110589		
		09.81- 08.88	113376	14	55	08.77- 08.81	110341	12	0.8
		11.85- 08.95	111169	14	70	09.81- 08.88	111055	12	0.7
Cavalier 1.3 S	[13S]	09.81- 08.88	111656	14	45	09.81- 08.88	111055	12	0.7
		09.81- 08.88	113376	14	55				
Cavalier 1.4 S	[14NV]	09.88- 08.95	111166	14	70	09.88- 11.95	110779	12	2.0
		09.88- 11.95	113376	14	55	09.88- 12.93	111055	12	0.7
						09.88- 11.95	111123	12	0.9
						09.88- 11.95	111684	12	1.4
Cavalier 1.6	[16SV]	09.88- 08.95	111166	14	70	09.88- 05.93	111127	12	1.4
		09.88- 05.93	113376	14	55	09.88- 05.93	111123	12	0.9
		PS 09.88- 05.93	111170	14	65	09.88- 05.93	110779	12	2.0
	[16SH]	10.83- 08.88	110914	14	45	10.83- 08.88	111056	12	0.8
		10.83- 08.88	111168	14	55				
						09.88- 11.95	111684	12	1.4
Cavalier 1.6 1600	[16S]	09.75- 08.81	111178	14	70	09.75- 08.81	110589		
						09.75- 08.81	110341	12	0.8
Cavalier 1.6 i	[E16NZ]	09.88- 11.95	111166	14	70	09.88- 11.95	110779	12	2.0
		PS 09.88- 11.95	111170	14	65	09.87- 12.91	111055	12	0.7
		Chas. S1000001- 09.88- 11.95	111891	14	70	Eng. 082382-, 085881 09.87- 12.91	111127	12	1.4
		PS 09.94- 11.95	112229	14	70	09.94- 11.95	111123	12	0.9
	[X16SZ]	08.86- 08.88	110914	14	45	08.86- 08.88	111056	12	0.8
	[C16LZ]	08.86- 08.88	111168	14	55				
	[C16NZ]	08.86- 08.88	110914	14	45	08.86- 08.88	111056	12	0.8
		08.86- 08.88	111168	14	55				
	[E16NZ]	09.88- 11.95	112229	14	70				
		09.88- 11.95	113376	14	55				
	PS 09.88- 11.95	112229	14	70					
[X16SZ]	09.93- 11.95	113376	14	55	09.93- 11.95	110779	12	2.0	
	09.94- 11.95	111166	14	70					
	Chas. S1000001- 09.94- 11.95	111891	14	70					
	Chas. -R7999999 09.94- 11.95	112775	14	70					
Cavalier 1.6 N	[16N]					08.75- 08.81	110341	12	0.8
						08.75- 08.81	110589		
						09.81- 08.88	111056	12	0.8
Cavalier 1.6 S	[16S]	08.75- 08.81	111178	14	70	08.75- 08.81	110341	12	0.8
		09.81- 08.88	110914	14	45	08.75- 08.81	110589		
		09.81- 08.88	111168	14	55	09.81- 08.88	111056	12	0.8
Cavalier 1.6 Diesel	[16D]	03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7
						03.82- 08.88	111057		
		03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7
						03.82- 08.88	111057		
Cavalier 1.6 Diesel 1600	[16D]	03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7
						03.82- 08.88	111057		
		03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7
						03.82- 08.88	111057		
Cavalier 1.7 Diesel	[17D]	09.88- 09.92	112056	14	70	09.88- 09.92	110839	12	1.7
		11.88- 08.95	111168	14	55	09.88- 09.92	111057		
		07.92- 11.95	112056	14	70	07.92- 11.95	111057		
						07.92- 11.95	110839	12	1.7
						09.88- 11.95	111274	12	1.2
Cavalier 1.7 TD	[17DT (TC4EE1)]	09.88- 11.95	111186	14	70				



Application list

VAUXHALL Continued

Cavaller 1.8	[18SV]	09.88- 08.95	111169	14	70	09.88- 12.94	110847	12	1.4
	[C18NZ]	09.88- 08.95	111169	14	70	09.88- 12.94	111122	12	1.0 DR
	[E18NV]	08.86- 08.88	111168	14	55	09.88- 12.94	110847	12	1.4 BO
Cavaller 1.8 i	[C18NZ]	03.90- 11.95	111514	14	100	08.86- 08.88	111056	12	0.8
	[18E]	09.81- 08.86	110914	14	45	03.90- 12.94	110847	12	1.4
	[18SE]	09.81- 08.88	111168	14	55	09.81- 08.88	111056	12	0.8
	[C18NZ]	03.90- 11.95	111169	14	70	09.86- 08.88	111056	12	0.8
Cavaller 1.8 i 1800	[18SE]					03.85- 10.88	111056	12	0.8
Cavaller 1.9 S	[19S]					10.75- 03.78	110589		
		10.75- 03.78	111178	14	70	10.75- 03.78	110341	12	0.8
Cavaller 2.0		11.88- 08.95	111169	14	70				
Cavaller 2.0 2000	[20S]					08.77- 08.81	110341	12	0.8
		08.77- 08.81	111178	14	70	08.77- 08.81	110589		
Cavaller 2.0 i 16V	[C20XE]	09.88- 11.95	112056	14	70	09.88- 11.95	111122	12	1.0
	[X20XE]	09.93- 11.95	111426	14	100	09.93- 11.95	111848	12	1.0
	[C20XE]					09.88- 11.95	110847	12	1.4
	[X20XE]	09.93- 11.95	111732	14	120				
		PS 09.93- 11.95	112229	14	70				
Cavaller 2.0 i 16V 4x4	[C20XE]					09.88- 11.95	110847	12	1.4
						09.88- 11.95	111122	12	1.0
Cavaller 2.0 i	[20NE]	09.88- 08.95	111169	14	70	09.88- 10.92	110847	12	1.4
	[20SEH]	09.88- 09.92	111169	14	70	03.87- 09.92	110847	12	1.4
	[C20NE]	09.86- 08.88	112056	14	70	09.86- 12.94	110847	12	1.4
		09.88- 11.95	111169	14	70	03.94- 11.95	111698		
	[20NE]	09.86- 08.88	112056	14	70				
		09.88- 10.90	111514	14	100				
	[20SEH]	03.87- 08.88	112056	14	70				
	[C20NE]	09.90- 11.95	111514	14	100				
Cavaller 2.0 i 2000	[20SE]					09.86- 08.88	110847	12	1.4
		09.86- 08.88	112056	14	70				
Cavaller 2.0 i 4x4	[20NE]	09.88- 08.95	111426	14	100	Eng. 14608701- 09.88- 08.95	111698		
		09.88- 08.95	111732	14	120	Eng. -14608700 09.88- 08.95	111122	12	1.0 DR
	[20SEH]	09.88- 09.92	111169	14	70	09.88- 09.92	111122	12	1.0
						09.88- 09.92	110847	12	1.4
	[20NE]	PS 09.88- 08.95	112229	14	70				
	Chas. -MV206209, - 08.88- 08.95	111169	14	70					
	M1175514, -								
	M5247753								
Cavaller 2.0 S	[20S]					01.78- 08.81	110341	12	0.8
		01.78- 08.81	111178	14	70	01.78- 08.81	110589		
Cavaller 2.5 V6	[C25XE]	02.93- 11.95	111514	14	100	02.93- 11.95	112819#	12	1.4
	[C25XE]	02.93- 11.95	112558#	14	120				
Cavaller MK 2.0 i 16V 4x4	[C20XE]					01.92- 11.93	110847	12	1.4
						01.92- 11.93	111122	12	1.0
Cavaller MK 2.0 i Turbo 4x4	[C20LET]	09.92- 08.95	111426	14	100	Eng. -14005933 09.92- 08.95	111122	12	1.0 DR
		PS 09.92- 08.95	112229	14	70	Eng. 14005934- 09.92- 08.95	111698		
	[C20LET]	09.92- 08.95	111732	14	120				
Cavaller MK II 2.0		11.88- 08.95	111169	14	70				
Chevette 1.3	[13N]	01.75- 01.80	110178	14	36	03.75- 12.85	111102	12	0.8
		01.75- 01.80	111185	14	43				
		03.75- 12.85	110077	14	50				
		01.80- 01.84	110925#	14	45				
	[13S]	03.75- 12.85	110077	14	50	03.75- 12.85	111102	12	0.8
		03.75- 01.80	110178	14	36				
		03.75- 01.80	111185	14	43				
		01.80- 12.85	110925#	14	45				
Combo 1.2	[C12NZ]	07.94-	111166	14	70	07.94- 08.97	111123	12	0.9
		07.94-	111891	14	70	07.94- 10.01	111684	12	1.4
		07.94- 10.01	112689	14	55				
		07.94- 10.01	113376	14	55				
		PS							
		ACPS 07.94-	112229	14	70				
	[X12SZ]	07.84- 10.01	113376	14	55	07.94- 08.97	111123	12	0.9
		07.94-	111166	14	70	07.94- 10.01	111684	12	1.4
		07.94-	111891	14	70				
		07.94-	112689	14	55				
	PS								
	ACPS 07.94-	112229	14	70					
Combo 1.3 CDTi 16V	[Z13DT]	09.04-	113720	14	75	09.04-	113843	12	1.1
		09.04-	113722	14	90				
	[Z13DTJ]	10.05-	113722	14	90	10.05-	114029	12	1.8
Combo 1.4	[C14NZ]	07.94- 03.96	112689	14	55	07.94- 08.97	111123	12	0.9
		07.94- 03.96	113376	14	55				
		PS							
		AT 07.94- 03.96	111166	14	70				
		AT 07.94- 03.96	111891	14	70				
		ACPS 07.94- 03.96	111426	14	100				
		ACPS 07.94- 03.96	112229	14	70				
	[C14SE]	07.94- 10.01	111426	14	100	07.94- 08.97	111123	12	0.9
		07.94-	112689	14	55	07.94- 10.01	111684	12	1.4
		07.94- 10.01	113376	14	55				
		PS							
		PS 07.94-	112229	14	70				
	Chas. -R3999999, - 07.94- 10.01	112805	14	55					
	R4999999, -								
	S6000012								
	AC 07.94-	111732	14	120					
	AC 07.94-	112229	14	70					
	[Z14XEP]					01.04-	111123	12	0.9
Combo 1.6	[Z16SE]	10.01-	111990	14	70	10.01-	111123	12	0.9
		10.01-	112416	14	100	10.01-	111684	12	1.4
Combo 1.6 16V CNG	[Z16YNG]	04.05-	112416	14	100	04.05-	113276	12	1.1
						04.05-	111123	12	0.9
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14	100				
	AC 12.04-	114121	14	110					
Combo 1.7 Diesel 16V	[Y17DTL]					09.01-	112320	12	1.4
Combo 1.7 Diesel	[17D (4EE1)]	07.94-	111186	14	70	Eng. -00877695 07.94-	111136	12	1.4
		04.96-	111515	14	70	Eng. 877696- 07.94-	111534	12	1.4
	[X17D (4EE1)]	04.96-	111186	14	70	04.96-	111136	12	1.4 Eng. -00877695
		04.96-	111515	14	70	04.96-	111534	12	1.4 Eng. 877696-
Combo 1.7 DTi	[Y17DT]	10.01-	112272	14	70	10.01-	112320	12	1.4
		AC 10.01-	112271	14	100				
Corsa 1.4 i 16V	[X14XE]	09.94- 08.99	111426	14	100	09.94- 08.99	111123	12	0.9
		09.94- 08.99	112689	14	55				
		PS							
	PS 09.94- 08.99	112229	14	70					
Corsa Mk III 1.0	[Z10XEP]	07.06-	114249	14	70				
Corsa Mk III 1.2	[Z12XEP]	07.06-	114249	14	70				
Corsa Mk III 1.4	[Z14XEP]	07.06-	114249	14	70				
Corsa B 1.0 i 12V	[X10XE]	11.96-	111824	14	70	11.96- 09.00	111123	12	0.9



Corsa B 1.2 i 16V	[X12XE]	03.98- 09.00	111824	14	70	03.98- 09.00	111123	12	0.9	
Corsa B 1.2 i	[C12NZ]	03.93-	111166	14	70	09.94- 08.00	113276	12	1.1	
		03.93-	111891	14	70	09.94- 08.00	111684	12	1.4	
		03.93-	112689	14	55	03.93- 08.97	111123	12	0.9	
		03.93- 09.00	113376	14	55					
		PS								
	ACPS 03.93-	112229	14	70						
	[X12SZ]	03.93-	111166	14	70	03.93- 08.97	111123	12	0.9	
		03.93-	111891	14	70	04.94- 08.00	113276	12	1.1	
		03.93-	112689	14	55					
		03.93- 09.00	113376	14	55					
PS										
ACPS 03.93-	112229	14	70							
Corsa B 1.4 i 16V	[X14XE]	09.94-	111426	14	100	09.94- 09.00	111123	12	0.9	
Corsa B 1.4 i	[C14NZ]	09.94-	112229	14	70					
		03.93-	111426	14	100	03.93- 09.00	111123	12	0.9	
		03.93-	112229	14	70	09.94- 08.00	111684	12	1.4	
		03.93-	112689	14	55					
		09.93- 09.00	113376	14	55					
	[C14SE]	PS								
		PS 03.93-	112229	14	70					
		AT 03.93-	111891	14	70					
		AC 03.93-	111426	14	100					
		03.93- 09.00	113376	14	55	03.93- 09.00	111123	12	0.9	
04.94- 08.00	111426	14	100							
[X14SZ]	03.93- 09.00	113376	14	55	09.94- 08.00	111684	12	1.4		
					03.93- 09.00	111123	12	0.9		
Corsa B 1.5 Diesel	[15D]	03.93-	111186	14	70	Eng. -00877695 03.93-	111136	12	1.4	
Corsa B 1.5 TD	[15DT (T4EC1)]	03.93- 09.00	111515	14	70	Eng. 877696- 03.93-	111534	12	1.4	
	[X15DT (T4EC1)]	03.93-	111186	14	70	03.93-	111534	12	1.4	
Corsa B 1.6 GSI 16V	[C16XE]	09.96-	111515	14	70	03.93-	111136	12	1.4	
		04.96-	111186	14	70	04.96-	111534	12	1.4	
Corsa B 1.6 i 16V	[X16XE]	04.96-	111515	14	70	04.96-	111136	12	1.4	
		03.93-	111426	14	100	03.93-	111123	12	0.9	
		09.94- 08.00	111684	12	1.4					
Corsa B 1.7 Diesel	[17D]	03.93-	111186	14	70	Eng. -00877695 03.93-	111136	12	1.4	
Corsa B 1.7 TD	[X17D]	02.96-	111515	14	70	Eng. 877696- 03.93-	111534	12	1.4	
		04.96-	111186	14	70	Eng. -00877695 04.96-	111136	12	1.4	
		04.96-	111515	14	70	Eng. 877696- 04.96-	111534	12	1.4	
Corsa MK II 1.4 16V	[C14SEL]	08.97- 09.00	111426	14	100	08.97- 09.00	111123	12	0.9	
Corsa MK II 1.6 16V	[C16SEL]	08.97- 09.00	112229	14	70					
		08.97- 09.00	111426	14	100	08.97- 09.00	111123	12	0.9	
CORSA Mk III 1.0 12V	[A10XEP]	08.97- 09.00	112229	14	70					
	[Z10XE]	06.10-	114249	14	70					
		09.00- 02.01	111824	14	70	Chas. -19P00893 09.00- 08.03	111123	12	0.9	
						Chas. 19P00894- 09.00- 08.03	113276	12	1.1	
Corsa MK III 1.2 Twinport	[Z12XEP]					07.04-	111123	12	0.9	
CORSA Mk III 1.2 16V	[A12XER]	06.10-	114249	14	70	06.10-	111123	12	0.9	
	[Z12XE]	09.00- 02.01	111824	14	70	09.00-	111684	12	1.4	
						09.00-	111123	12	0.9	
						09.00-	113276	12	1.1	
		Chas. -16999999 09.00- 02.01	111824	14	70					
Corsa MK III 1.2 Dualfuel 16V	[Z12XE]					08.01- 08.04	113276	12	1.1	
		Chas. -16999999 08.01- 08.04	111824	14	70	08.01- 08.04	111123	12	0.9	
Corsa MK III 1.3 CDTi 16V	[Z13DT]	04.04-	112416	14	100	04.04-	113719	12	1.3	
		04.04-	113720	14	75	04.04-	113843	12	1.1	
		04.04-	113722	14	90					
	[Z13DTE]	07.10-	114409	14	100					
	[Z13DTJ]	09.05- 09.06	113720	14	75	09.05- 09.06	114029	12	1.8	
		09.05- 09.06	113722	14	90	09.05- 09.06	113843	12	1.1	
Corsa Mk III 1.3 CDTi	[Z13DTH]	07.06-	114409	14	100					
Corsa MK III 1.4 Twinport	[Z13DTJ]	07.06-	114409	14	100	07.06-	113843	12	1.1	
	[Z14XEP]	06.03-	111824	14	70					
Corsa Mk III 1.4 16V	[A14XER]	07.10-	114249	14	70					
	[Z14XE]	09.00- 08.03	111990	14	70	09.00-	111123	12	0.9	
						09.00-	111684	12	1.4	
						09.00-	113276	12	1.1	
Corsa MK III 1.6	[Z16SE]	08.01- 10.04	111990	14	70	08.01- 10.04	111123	12	0.9	
		08.01- 10.04	112416	14	100					
Corsa Mk III 1.7 CDTi 16V	[A17DTS]					07.10-	112320	12	1.4	
	[Z17DTH]	04.04-	112272	14	70	04.04-	112320	12	1.4	
		04.04-	113941	14	100					
Corsa MK III 1.7 DT 16V	[Y17DTL]	09.00-	112272	14	70	09.00-	112320	12	1.4	
		AC 09.00-	112271	14	100					
Corsa MK III 1.7 DTi 16V	[Y17DT]	09.00-	112271	14	100	09.00- 08.03	112320	12	1.4	
		09.00-	112272	14	70					
Corsa MK III 1.8 16V	[Z18XE]	09.00-	111990	14	70	09.01-	113276	12	1.1	
Corsavan 1.4 i	[C14NZ]	01.94-	111426	14	100	01.94- 09.00	113276	12	1.1	
		01.94-	112229	14	70					
		01.94-	112689	14	55					
		01.94- 09.00	113376	14	55					
		PS								
	PS 01.94-	112229	14	70						
	AT 01.94-	111891	14	70						
	AC 01.94-	111426	14	100						
	Corsavan 1.7 Diesel	[17D (4EE1)]	Eng. 00975025- 03.93-	111515	14	70	Eng. -00877695 01.94-	111136	12	1.4
			Eng. -00975024 03.93-	111186	14	70	Eng. 877696- 03.93-	111534	12	1.4
	[X17D (4EE1)]	Eng. 00975025- 04.96-	111515	14	70	Eng. 877696- 04.96-	111534	12	1.4	
		Eng. -00975024 04.96-	111186	14	70	Eng. -00877695 01.94-	111136	12	1.4	
Corsavan Mk III 1.2 16V	[A12XEL]	07.06-	114249	14	70	07.06-	113276	12	1.1	
	[Z12XE]	09.00-	111824	14	70	09.00- 08.04	113276	12	1.1	
		Chas. 23000001-, 24000001-, 26000001-								
Corsavan MK III 1.2 Dualfuel 16V	[Z12XE]					08.01-	111123	12	0.9	
						08.01-	113276	12	1.1	
Corsavan MK III 1.3 CDTi 16V	[Z13DT]	04.04-	112416	14	100	04.04-	113843	12	1.1	
		04.04-	113722	14	90	04.04-	114029	12	1.8	
		04.04-	113722	14	90	04.04-	113719	12	1.3	
	[Z13DTH]	07.06-	114409	14	100	07.06-	113843	12	1.1	
	[Z13DTJ]	07.06-	114409	14	100	07.06-	113843	12	1.1	
Corsavan MK III 1.7 Diesel	[Y17DTL]	09.00-	112272	14	70	09.00- 08.03	112320	12	1.4	
		AC 09.00-	112271	14	100					
Corsavan MK III 1.7 DTi 16V	[Y17DT]	09.00-	112271	14	70	09.00- 08.03	112320	12	1.4	
		09.00-	112272	14	70					
Corsavan MK IV 1.2	[Z12XEP]	07.09-	114249	14	70	07.09-	111123	12	0.9	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VAUXHALL** *Continued*

CORSAVAN MK IV 1.3 CDTi	[Z13DTE]	07.06-	114409	14	100	07.06-	114029	12	1.8		
Firenza 1.3 1300		01.71-	10.73	110178	14	36					
Firenza 1.8 1800											
Frontera A 2.0 i 4x4 Sport	[C20NE]	01.92-	111169	14	70	03.92-	110847	12	1.4		
		03.92-	10.98	111075	14	55	03.92-	111122	12	1.0	
		02.95-	10.98	111426	14	100	03.92-	111698			
		02.95-	10.98	111732	14	120					
	[X20SE]	03.92-	10.98	111075	14	55	02.95-	111122	12	1.0	
		02.95-	08.98	111426	14	100	02.95-	111698			
		AC 02.95-	08.98	111732	14	120	02.95-	110847	12	1.4	
Frontera A 2.2 i 4x4 Long	[X22XE]	03.95-	111426	14	100	03.95-	111848	12	1.0		
		03.95-	111732	14	120						
Frontera A 2.3 TD 4x4 Long	[Z3DTR]	01.92-	111164	14	70	03.92-	10.98	110779	12	2.0	
								110844	12	2.2	
Frontera A 2.4 i 4x4 Long	[C24NE]	03.92-	111178	14	70	03.92-	112225				
Frontera A 2.5 TD 4x4 Long	[Z5TDS]					06.96-	08.98	111724	12	2.0	
Frontera A 2.5 TD 4x4 Sport	[Z5TDS]					06.96-	08.98	111724	12	2.0	
Frontera A 2.8 TD 4x4 Long	[Z8TDI]	03.95-	111767	14	80	03.95-	111559	12	2.0		
Frontera A 2.8 TD 4x4 Sport	[Z8TDI]	03.95-	08.96	111767	14	80	03.95-	08.96	111559	12	2.0
Frontera B 2.2 i	[X22SE]	02.95-	111426	14	100	02.95-	111848	12	1.0		
		02.95-	111732	14	120						
		10.98-	111514	14	100						
	[Y22SE]	10.98-	111514	14	100						
Frontera B 2.2 DTi	[X22DTH]					09.98-	113674	12	2.0		
	[Y22DTH]					09.98-	113674	12	2.0		
Insignia 1.6	[A16XER]	07.08-	114067	14	140	07.08-	114298	12	1.1		
Insignia 1.6 Sports Tourer	[A16XER]	07.08-	114067	14	140	07.08-	114298	12	1.1		
Insignia 2.0 Biturbo CDTi	[A20DTR]					03.12-	113931	12	1.7		
						03.12-	114058	12	1.7		
Insignia 2.0 Biturbo CDTi 4x4	[A20DTR]					03.12-	113931	12	1.7		
						03.12-	114058	12	1.7		
Insignia 2.0 CDTi 16V 4x4	[A20DTH]					07.08-	113931	12	1.7		
Insignia 2.0 CDTi	[A20DTC]	07.08-	114202	14	100	07.08-	114058	12	1.7		
						07.08-	113931	12	1.7		
	[A20DTH]					07.08-	113931	12	1.7		
	[A20DTJ]					07.08-	113931	12	1.7		
Insignia 2.0 CDTi 4x4	[A20DTR]	05.09-	114202	14	100	05.09-	114058	12	1.7		
						05.09-	113931	12	1.7		
Insignia 2.0 CDTi Estate	[A20DTH]					07.08-	113931	12	1.7		
	[A20DTJ]					07.08-	113931	12	1.7		
Insignia 2.0 CDTi Sedan	[A20DTC]					07.08-	113931	12	1.7		
	[A20DTH]					07.08-	113931	12	1.7		
	[A20DTJ]					07.08-	113931	12	1.7		
Insignia 2.0 CDTi Sports Tourer	[A20DTC]	07.08-	114202	14	100	07.08-	114058	12	1.7		
						AT 07.08-	113931	12	1.7		
Magnum 1.8 1800		01.74-	10.77	110179	14	36	01.76-	10.77	111103	12	0.8
Meriva A 1.3 CDTi	[Z13DTJ]	09.03-	113720	14	75	09.03-	112320	12	1.4		
Meriva A 1.4 16V Twinport	[Z14XEP]	07.04-	114249	14	70	07.04-	111123	12	0.9		
Meriva A 1.6 i 16V	[Z16XE]	03.03-	111990	14	70	03.03-	113276	12	1.1		
						03.03-	111684	12	1.4		
Meriva A 1.6 i 16V Twinport	[Z16XEP]	01.06-	114431	14	120						
Meriva A 1.6 i	[Z16SE]	05.03-	112416	14	100	03.03-	113276	12	1.1		
						03.03-	111684	12	1.4		
Meriva A 1.6 Turbo	[Z16LET]	05.06-	114431	14	120						
Meriva A 1.7 CDTi 16V	[Z17DTH]	04.04-	112271	14	100	04.04-	112320	12	1.4		
		04.04-	113941	14	100						
Meriva A 1.8 i 16V	[Z18XE]	03.03-	111990	14	70	05.03-	113276	12	1.1		
Meriva MK II 1.7 CDTi	[Y17DT]	06.03-	112271	14	100	06.03-	112320	12	1.4		
Meriva MK II 1.3 CDTi 16V	[A13DTC]	06.10-	114409	14	100	06.10-	114029	12	1.8		
Meriva MK II 1.3 CDTi 16V ecoFlex	[A13DTE]	10.10-	114409	14	100	10.10-	114029	12	1.8		
Meriva MK II 1.7 CDTi 16V	[A17DT]					06.10-	112320	12	1.4		
Meriva MK II 1.7 CDTi 16V Ecotec	[A17DTS]					10.10-	112320	12	1.4		
Meriva MK II 1.7 CDTi	[A17DTC]					06.10-	112320	12	1.4		
Midi 1.8	[ZB1]					09.84-	05.88	110317			
Midi 2.0 Diesel	[55D]					09.84-	05.88	110718#	12	1.4	
Midi 2.2 Diesel	[4FD1]	01.88-	111291	14	55	07.90-	110316	12	2.0		
Midi 2.4 Diesel	[Z4TD]					10.94-	08.97	110316	12	2.0	
	[4FG1T]					09.94-	110316	12	2.0		
Monterey A 3.1 TD 4x4	[4JG2TC]	09.91-	111267	14	50	01.95-	111559	12	2.0		
		09.91-	112228	14	60						
		03.92-	111767	14	80						
Monterey B 3.0 DTi	[4JX1]					04.98-	12.99	112083	12	2.8	
Movano 1.9 DTi	[F9Q770]					09.00-	10.01	113256#	12	1.8	
	[F9Q774]	10.01-	113248	14	120	10.01-	112474	12	1.8		
		AC 10.01-	112471	14	125						
Movano 2.0 DTi	[G9T720]	09.00-	112471	14	125	09.00-	112475	12	2.1		
		09.00-	113248	14	120						
Movano 2.2 DTi	[G9T720]	09.00-	112471	14	125	09.00-	112475	12	2.1		
		09.00-	113248	14	120						
Movano 2.5 CDTi	[G9U754]	04.04-	113837	14	150	04.04-	112475	12	2.1		
Movano 2.5 Diesel	[S8U]	10.98-	111937	14	75						
Movano 2.5 DTi	[G9U720]	10.01-	113245	14	125	10.01-	112475	12	2.1		
		10.01-	113248	14	120						
		10.01-	113837	14	150						
	[G9U724]	10.01-	113248	14	120						
		10.01-	113837	14	150						
	[G9U750]	10.01-	113248	14	120						
		10.01-	113837	14	150						
	[G9U754]	10.01-	113248	14	120						
		10.01-	113837	14	150						
Movano 2.8 DTi	[S9W702]	06.98-	10.01	111937	14	75					
Movano 2.8 TDi	[S9W702]	10.98-	10.01	111937	14	75	10.98-	10.01	112103	12	2.2
Movano 3.0 DTi	[ZD3-202]	10.03-	113993	14	135	10.03-	114032	12	2.5		
	[ZD3200]	10.03-	113993	14	135	10.03-	114032	12	2.5		
Movano MK II 2.3 CDTi 16V FWD	[M9T67..]					05.10-	114074	12	2.2		
	[M9T69..]					05.10-	114074	12	2.2		
Movano MK II 2.3 CDTi 16V RWD	[M9T67..]					05.10-	114074	12	2.2		
	[M9T69..]					05.10-	114074	12	2.2		
Nova 1.4 S	[14NV]	01.90-	02.93	111166	14	70	01.90-	02.93	111123	12	0.9
		01.90-	02.93	113376	14	55	01.90-	02.93	111127	12	1.4
Nova 1.5 TD	[15DT (T4EC1)]	01.90-	02.93	111187	14	70	01.90-	02.93	111274	12	1.2
		01.90-	02.93	111467	14	70					
Nova A 1.0	[10S]	09.82-	08.88	111656	14	45	09.82-	03.93	110364	12	0.65
		09.82-	08.88	113376	14	55					
		09.88-	03.93	111166	14	70					
Nova A 1.2	[12ST]	05.83-	02.90	111656	14	45	05.83-	02.90	111055	12	0.7
		05.83-	02.90	113376	14	55					
Nova A 1.2 i	[12NC]	05.83-	03.93	111166	14	70	05.83-	03.93	111055	12	0.7
		05.83-	08.88	111656	14	45					
		05.83-	08.88	113376	14	55					
	[C12NZ]	09.89-	03.93	111166	14	70	09.90-	03.93	111127	12	1.4
						09.90-	03.93	111123	12	0.9	
	[E12GV]	01.85-	03.93	111166	14	70	05.83-	03.93	111055	12	0.7
		01.85-	08.88	111656	14	45					
		01.85-	08.88	113376	14	55					



Nova A 1.2 N	[12NC]	01.85- 10.87	111656	14	45	01.85- 10.87	111055	12	0.7
		01.85- 10.87	113376	14	55				
	[12NV]	01.90- 03.93	111166	14	70	01.90- 03.93	111123	12	0.9
		01.90- 03.93	113376	14	55	01.90- 03.93	111127	12	1.4
		[E12GV]	05.83- 08.94	111166	14	70	05.83- 03.93	111055	12
05.83- 08.94	111656		14	45					
Nova A 1.2 S	[12ST]	09.82- 02.90	111656	14	45	09.82- 02.90	111055	12	0.7
		09.82- 02.90	113376	14	55				
Nova A 1.3 I	[13NB]	09.85- 10.89	111656	14	45	09.85- 10.89	111055	12	0.7
		09.85- 10.89	113376	14	55				
Nova A 1.3 S	[13SB]	09.82- 10.89	111656	14	45	09.82- 10.89	111055	12	0.7
		09.82- 10.89	113376	14	55				
Nova A 1.4 I	[C14NZ]	01.89- 03.93	113376	14	55	01.90- 03.93	111127	12	1.4
		01.90- 03.93	111166	14	70				
Nova A 1.4 S	[14NV]	01.90- 03.93	111166	14	70	09.89- 01.90- 03.93	111055	12	0.7
Nova A 1.5 Diesel	[15D]	08.89- 03.93	111187	14	70	09.87- 03.93	111136	12	1.4
		01.90- 03.93	111467	14	70				
Nova A 1.5 TD	[15DT (T4EC1)]	08.89- 03.93	111187	14	70	01.90- 03.93	111274	12	1.2
		01.90- 03.93	111467	14	70				
Nova A 1.6 GSI	[C16SE]	02.92- 03.93	111166	14	70				
		02.92- 03.93	113376	14	55				
	[C16SEI]	09.89- 03.93	111166	14	70				
Nova A 1.6 GSI	[E16SE]	05.88- 08.88	113376	14	55	05.88- 03.92	111127	12	0.9
		09.88- 03.92	111166	14	70				
Novavan 1.2	[12NV]	01.90- 10.94	111166	14	70	01.90- 10.94	111127	12	1.4
Novavan 1.5 Diesel	[15D (4EC1)]	01.91- 10.94	111187	14	70	01.91- 10.94	111136	12	1.4
		01.91- 10.94	111467	14	70				
Omega 2.0	[X20SE]	03.94- 09.99	111514	14	100	03.94- 12.00	111698		
		04.94- 12.00	112229	14	70				
		Chas. -Y1999999 04.94- 12.00	111426	14	100				
		Chas. -Y1999999 04.94- 12.00	111732	14	120				
Omega 2.0 16V	[X20XE]	09.93- 08.99	112229	14	70	09.93- 08.99	111848	12	1.0
		03.94- 09.99	111514	14	100				
		Chas. -Y1999999 09.93- 08.99	111426	14	100				
		Chas. -Y1999999 09.93- 08.99	111732	14	120				
Omega 2.0 I	[20SE]	03.94- 12.00	111426	14	100	03.94- 12.00	111698		
		03.94- 12.00	111514	14	100				
		03.94- 12.00	111732	14	120				
	[X20SE]	03.94- 12.00	112229	14	70	04.94- 03.94- 12.00	111848	12	1.0
		03.94- 12.00	111514	14	100				
		Chas. -Y1999999 03.94- 12.00	111426	14	100				
Omega 2.0 DTI 16V	[X20DTH]	10.98- 09.00	111998	14	120	10.98- 09.00	113674	12	2.0
Omega 2.2 I 16V	[Y22XE]	10.98- 111997#	14	70	Chas. W1000001-09.99-	111848	12	1.0	
		09.99- 111426	14	100					
		09.99- 111514	14	100					
		09.99- 111732	14	120					
Omega 2.2 DTI 16V	[Y22DTH]	09.99- 112229	14	70	Chas. W1000001-09.00-	111848	12	1.0	
		09.99- 112229	14	70					
Omega 2.2 DTI 16V	[Y22DTH]	09.00- 112415	14	120	09.00- 09.03	113674	12	2.0	
Omega 2.5 V6	[X25XE]	04.94- 111514	14	100	03.94- 112459	12	1.4		
Omega 2.5 DTI 24V	[Y25DT]	11.96- 112558#	14	120	09.01- 113446	12	2.2		
		09.01- 112468	14	150					
Omega 2.5 TD	[25DT]	04.94- 02.01	111788	14	105	04.96- 113446	12	2.2	
		[X25DT]	04.96- 111788	14	105				
Omega 2.6 I V6	[Y26SE]	09.00- 113304#	14	120	04.94- 02.01	113446	12	2.2	
		04.94- 02.01	111514	14					100
Omega 3.0 V6	[X30XE]	04.94- 02.01	111514	14	100	09.00- 112533	12	2.2	
Omega 3.2 I V6	[Y32SE]	04.94- 02.01	112558#	14	120	09.00- 113266			
Rascal 1.0		02.01- 113304#	14	120	01.88- 111127	12	1.4		
Royale 2.8	[28H]				10.79- 10.82	111134			
Royale 3.0	[30E]	01.80- 12.82	111178	14	70	10.79- 10.82	111134		
Royale A 2.0	[H20E]	10.79- 12.82	111178	14	70	03.83- 10.84	110341	12	0.8
Royale A 2.5 E	[25E]	09.84- 08.87	111178	14	70	03.83- 10.84	110589		
Royale A 2.8	[28H]					09.84- 08.87	111134		
Royale A 3.0	[30E]					02.78- 04.81	111134		
Royale A 3.0	[30H]	02.78- 12.82	111178	14	70	02.78- 08.86	111134		
Royale A 3.0 E	[30E]	01.80- 07.82	111178	14	70	09.85- 08.87	111134		
Royale A 3.0 E	[30E]	10.78- 12.86	111178	14	70	10.78- 12.82	111134		
Senator 2.5 I	[25E]	09.84- 08.87	111178	14	70	09.84- 08.87	111134		
Senator 3.0	[30NE]					09.87- 10.90	112225		
Senator 3.0 I	[30E]					09.84- 08.87	111134		
Senator B 2.6 I	[C26NE]	09.90- 09.93	112801#	14	90	09.90- 09.93	112225		
Senator B 3.0	[30NE]					09.84- 08.93	111134		
Senator B 3.0	[C30LE]					01.88- 09.90	111134		
Senator B 3.0 24V	[C30SE]	09.89- 09.93	112801#	14	90	09.87- 09.93	112225		
Senator B 3.0 I	[C30NE]	01.88- 09.93	111178	14	70	01.88- 09.93	112225		
Signum 1.8	[Z18XER]	08.05- 114431	14	120					
Signum 1.9 CDTi 16V	[Z19DTH]	04.04- 113904	14	140	04.04- 113931	12	1.7		
		04.04- 113955	14	105					
		04.04- 114088	14	140					
		04.04- 114204	14	120					
Signum 1.9 CDTi	[Z19DT]	04.04- 113904	14	140	04.04- 113931	12	1.7		
		04.04- 113955	14	105					
		04.04- 114088	14	140					
		04.04- 114204	14	120					
Signum 2.0 I Turbo	[ZZONET]	05.03- 113352	14	120					
Signum 2.0 DTI	[Y20DTH]	05.03- 112415	14	120	05.03- 113674	12	2.0		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VAUXHALL Continued

Sianum 2.2 i	[Z22YH]	05.03-	113352	14	120	05.03-	114341	12	1.2
Sianum 2.2 DTi	[Y22DTR]	05.03-	112415	14	120	05.03-	113674	12	2.0
Sianum 3.2 V6	[Z32SE]	05.03-	113264	14	140				
Sintra 2.2 16V	[X22XE]					09.96- 09.99	111848	12	1.0
Sintra 2.2 DTi	[X22DTH]					09.97- 09.99	113674	12	2.0
Speedster 2.2 i	[Z22SE]	09.00-	113352	14	120	09.00-	114341	12	1.2
Tigra 1.3 CDTi TwinTop	[Z13DT]	06.04-	113720	14	75	06.04-	113719	12	1.3
		06.04-	113722	14	90	06.04-	113843	12	1.1
Tigra 1.4	[Z14XEP]					09.04-	111123	12	0.9
Tigra 1.4 16V	[X14XE]	07.94-	111123			PS 07.94-	111897		
						09.94- 08.99	111684	12	1.4
						07.94-	112229		
Tigra 1.6 16V	[X16XE]	09.94- 08.99	111426	14	100	07.94-	112229		
		09.94- 08.99	112229	14	70	09.94- 08.99	111684	12	1.4
						PS 07.94-	111897		
Tigra 1.8	[Z18XE]	06.04-	112416	14	100	11.94-	111123	12	0.9
						09.04-	113276	12	1.1
Various Models						01.75- 01.78	111102	12	0.8
						01.89- 01.91	111123	12	0.9
						01.89- 01.91	111127	12	1.4
Vectra 1.6	[Z16XEP]	01.06-	114431	14	120				
Vectra 1.6 GTS	[Z16XEP]	01.06-	114431	14	120				
Vectra 1.6 16V	[X16XEL]	10.95-	111426	14	100	10.95-	111123	12	0.9
		10.95-	111514	14	100				
		10.95-	111732	14	120				
		10.95-	112229	14	70				
	[Y16XE]	10.95-	111514	14	100	10.95-	111123	12	0.9
						09.95- 08.01	111684	12	1.4
	[Z16XE]	10.95-	111514	14	100	10.95-	111123	12	0.9
						09.95- 08.01	111684	12	1.4
Vectra 1.6 i	[X16SZR]	10.95-	111426	14	100	10.95-	110779	12	2.0
		10.95-	111514	14	100	10.95-	111123	12	0.9
		10.95-	111732	14	120	10.95-	111127	12	1.4
		10.95-	112229	14	70				
Vectra 1.7 TD	[X17DT (TC4EE1)]	10.95- 11.96	111515	14	70	10.95- 11.96	111690	12	1.1
	[X17DT(TC4EE1)]	11.96- 12.97	111515	14	70	11.96- 12.97	111690	12	1.1
Vectra 1.8	[Z18XER]	01.06-	114431	14	120				
Vectra 1.8 GTS	[Z18XER]	01.06-	114431	14	120				
Vectra 1.8 16V	[Z18XE]	10.03- 08.05	112416	14	100				
Vectra 1.8 Dualfuel 16V	[Z18XE]	04.02-	112416	14	100	04.02-	113276	12	1.1
Vectra 1.8 Dualfuel 16V GTS	[Z18XE]	04.02-	112416	14	100	04.02-	113276	12	1.1
Vectra 1.8 i 16V	[X18XE]	10.95-	111426	14	100	11.96- 09.00	111123	12	0.9
		10.95- 09.00	111514	14	100	10.95-	111848	12	1.0
		10.95-	111732	14	120	06.98-	112431	12	1.1
		10.95-	112229	14	70				
	[X18XE1]	10.95- 09.00	111514	14	100	09.98- 08.99	112431	12	1.1
	[Z18XE]	09.00-	111514	14	100	04.02-	113276	12	1.1
		09.00- 08.01	111732	14	120	09.00- 08.01	112431	12	1.1
		09.00- 08.01	112229	14	70				
		04.02-	112416	14	100				
Vectra 1.8 i 16V GTS	[Z18XE]	08.02-	112416	14	100	08.02- 08.05	113276	12	1.1
Vectra 1.9 CDTi 16V	[Z19DTH]	04.04-	113904	14	140	04.04-	113931	12	1.7
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
Vectra 1.9 CDTi 16V GTS	[Z19DTH]	04.04-	113904	14	140	04.04-	113931	12	1.7
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
Vectra 1.9 CDTi	[Z19DT]	04.04-	113904	14	140	04.04-	113931	12	1.7
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
	[Z19DTL]	10.05-	113904	14	140	10.05-	113931	12	1.7
		10.05-	113955	14	105				
Vectra 1.9 CDTi GTS	[Z19DT]	04.04-	113904	14	140	04.04-	113931	12	1.7
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
	[Z19DTL]	10.05-	113955	14	105	10.05-	113931	12	1.7
		10.05-	114088	14	140				
Vectra 2.0 i 16V	[X20XEV]	10.95-	111426	14	100	10.95-	111848	12	1.0
		10.95- 09.00	111514	14	100				
		10.95-	111732	14	120				
		10.95-	112229	14	70				
Vectra 2.0 i	[Z20NEJ]	10.95- 03.02	111426	14	100	10.95- 03.02	111698		
		10.95- 03.02	111732	14	120				
		10.95- 03.02	112229	14	70				
Vectra 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14	120				
		Chas. 31085253- 03.03-	112423						
		38060500-							
Vectra 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14	120				
		Chas. 31085253- 03.03-	112423						
		38060500-							
Vectra 2.0 Diesel 16V	[X20DTL]	11.96-	111998	14	120	11.96-	113674	12	2.0
		11.96-	111997#	14	70				
Vectra 2.0 Diesel DI 16V	[X20DTL]	11.96-	111998	14	120	11.96-	113674	12	2.0
		11.96-	111997#	14	70				
Vectra 2.0 DTi 16V	[X20DTH]	06.97-	111514	14	100	06.97-	113674	12	2.0
		06.97-	111998	14	120				
		06.97-	111997#	14	70				
	[Y20DTH]	06.97-	111514	14	100	06.97- 09.05	113674	12	2.0
		06.97-	112415	14	120				
Vectra 2.0 DTi	[Y20DTH]	04.02-	112415	14	120	04.02-	113674	12	2.0
Vectra 2.2 Direct	[Z22YH]	10.03-	113352	14	120	10.03-	114341	12	1.2
Vectra 2.2 Direct GTS	[Z22YH]	10.03-	113352	14	120	10.03-	114341	12	1.2
Vectra 2.2 i 16V	[Z22SE]	09.00- 08.01	112423			09.00-	114341	12	1.2
		09.00- 08.01	113352	14	120				
Vectra 2.2 i	[C22SEL]	10.99- 08.01	111732	14	120				
Vectra 2.2 DTi 16V	[Y22DTR]	09.00- 08.01	112415	14	120	09.00- 08.01	113674	12	2.0
Vectra 2.2 DTi 16V GTS	[Y22DTR]	04.02-	112415	14	120	04.02-	113674	12	2.0
Vectra 2.2 DTi	[Y22DTR]	04.02-	112415	14	120	04.02-	113674	12	2.0
Vectra 2.5 i V6	[X25XE]					05.98- 09.99	112103	12	2.2
		05.95- 08.01	112806	14	120	05.98- 09.99	112819#	12	1.4
		10.95-	111514	14	100				
		10.95-	112558#	14	120				
		AC							
Vectra 2.6 i V6	[Y26SE]	09.00-	113264	14	140				
Vectra 3.2 i V6 GTS	[Z32SE]	08.02-	113264	14	140				
Vectra 3.2 V6	[Z32SE]	06.03-	113264	14	140				
Vectra MK II 1.8	[Z18XEL]	04.02- 07.08	112416	14	100	04.02- 07.08	113276	12	1.1
Ventora 3.3 3300		03.69- 10.76	110179	14	36				
Viceroy 2.5 2500	[25S]	01.80- 10.82	111178	14	70	01.80- 10.82	111134		
Victor 1.6 1600		01.70- 09.72	110179	14	36	01.70- 09.72	111103	12	0.8



Victor 1.8 1800					01.70- 10.76	111103	12	0.8		
			01.70- 10.76	110179	14	36				
Victor 2.0 2000					01.70- 09.72	111103	12	0.8		
			01.70- 09.72	110179	14	36				
Victor 2.3 2300					10.72- 10.76	111103	12	0.8		
			10.72- 10.76	110179	14	36				
Viva 1.1 1100	[11N]				01.63- 10.70	111102	12	0.8		
					01.66- 09.71	111102	12	0.8		
Viva 1.3			10.71- 10.75	110178	14	36				
Viva 1.3 1300			10.75- 10.79	110178	14	36				
Viva 1.6 1600			01.68- 01.78	110179	14	36				
			01.68- 01.78	111184	14	43				
Viva 1.8 1800			01.73- 10.79	111184	14	43				
			01.73- 10.79	110179	14	36				
Vivaro 1.9 Diesel Di	[F9Q762]		08.01- 112471	14	125					
			08.01- 113248	14	120	08.01-	112474	12	1.8	
			AC 08.01- 112471	14	125					
Vivaro 1.9 DTI	[F9Q760]		08.01- 112471	14	125	08.01-	112474	12	1.8	
			08.01- 113248	14	120					
			AC 08.01- 112471	14	125					
Vivaro 2.0 16V	[F4R720]		08.01- 113248	14	120					
			08.01- 114122	14	150					
			AC 08.01- 112471	14	125					
			A22 08.01- 113245	14	125					
Vivaro 2.5 CDTI 16V	[G9U630]		01.06- 113837	14	150	01.06-	112475	12	2.1	
Vivaro 2.5 DTI	[G9U730]		04.04- 112471	14	125	04.04-	112475	12	2.1	
			04.04- 113245	14	125					
			AC 04.04- 113245	14	125					
VX 1.8 1800					01.76- 10.78	111103	12	0.8		
VX 2.0 i Turbo 220	[Z20LET]		04.03- 112423		04.03-	111848	12	1.0		
			04.03- 113352	14	120					
Zafira 1.6 16V	[X16XEL]		04.99- 111990	14	70	09.98- 08.99	111123	12	0.9	
			04.99- 112416	14	100					
Zafira 1.8 16V	[X18XE1]		04.99- 111990	14	70	03.99- 09.00	112431	12	1.1	
			04.99- 112416	14	100					
	[Z18XE]		09.00- 111990	14	70	09.00-	113276	12	1.1	
			09.00- 112416	14	100					
Zafira 2.0 Turbo 16V	[Z20LET]		09.01- 06.05	112416	14	100	09.01-	111848	12	1.0
Zafira 2.0 Diesel Di 16V	[X20DTL]		10.99- 111514	14	100	10.99-	113674	12	2.0	
		A19								
Zafira 2.0 DTI 16V	[Y20DTH]		04.99- 111514	14	100	04.99-	113674	12	2.0	
Zafira 2.2 16V	[Z22SE]		09.00- 112423		09.00-	114341	12	1.2		
			09.00- 113352	14	120					
Zafira MK I 1.8 Dualfuel Dualfuel	[Z18XE]		09.00- 08.05	112416	14	100	09.00- 08.05	112431	12	1.1
	[Z18XE]		09.00- 111990	14	70					
Zafira MK II 1.6	[Z16XEP]		07.05- 114431	14	120	07.05-	113276	12	1.1	
	[Z16XER]		12.07- 114431	14	120					
Zafira MK II 1.6 CNG	[Z16YNG]		07.05- 111990	14	70	07.05-	111123	12	0.9	
	[Z16YNG]		07.05- 112416	14	100					
Zafira MK II 1.6 Turbo CNG	[A16XNT]				02.09-	114298	12	1.1		
	[Z16XNT]				02.09-	114298	12	1.1		
Zafira MK II 1.7 CDTI	[A17DTR]				01.08-	112320	12	1.4		
Zafira MK II 1.8	[Z18XEP]		07.05- 114431	14	120					
	[Z18XER]		07.05- 114431	14	120					
Zafira MK II 1.9 CDTI	[Z19DTL]		07.05- 114088	14	140	07.05-	113931	12	1.7	
	[Z19DT]		07.05- 113904	14	140	07.05-	113931	12	1.7	
			07.05- 113955	14	105					
			07.05- 114088	14	140					
			07.05- 114204	14	120					
	[Z19DTH]		07.05- 113904	14	140	07.05-	113931	12	1.7	
			07.05- 113955	14	105					
			07.05- 114088	14	140					
			07.05- 114204	14	120					
	[Z19DTL]		07.05- 113904	14	140					
			07.05- 113955	14	105					
Zafira MK II 2.2	[Z22YH]		07.05- 114076	14	120	07.05-	114341	12	1.2	
Zafira MK III 1.6 CNG	[A16XNT]				10.11-	114298	12	1.1		
Zafira MK III 1.8	[A18XEL]				10.11-	114298	12	1.1		
Zafira MK III 2.0 CDTI	[A20DTL]		10.11-	114202	14	100	10.11-	114058	12	1.7
	[A20DTL]				10.11-	113931	12	1.7		
<b>Vetus</b>										
<b>MARINE</b>										
M2.06	[Mitsubishi]					112178	12	1.6		
						112185	12	1.2		
M2.C5	[Mitsubishi]		114079	14	40	112185	12	1.2		
						112178	12	1.6		
M2.D5	[Mitsubishi]		114079	14	40	112185	12	1.2		
						112178	12	1.6		
M3.09	[Mitsubishi]		114079	14	40	112178	12	1.6		
						112185	12	1.2		
M4.15			112492	14	50					
M4.17			112492	14	50					
<b>VM (Stabilimentl Mec)</b>										
<b>MOTORS</b>										
Stationnaires 2.1 235	[HR494..]				04.85-	112173	12	2.7		
Stationnaires 2.8 279	[HR494..]				01.86-	112173	12	2.7		
Stationnaires 2.8 282	[HR494..]				09.89-	112173	12	2.7		
Stationnaires 3.5	[HR594..]				01.84- 12.90	112173	12	2.7		
<b>VM Motori</b>										
<b>MOTORS</b>										
Various Models			114466	14	55	114402	12	2.3		
						114313	24	2.5		
						114265	12	2.7		
<b>Volvo</b>										
<b>PASSENGER CARS EU</b>										
66 1.1	[B11]		12.67- 08.78	110744#	14	50				
			08.75- 08.78	110899	14	33				
66 1.3	[B130]		12.67- 08.78	110744#	14	50				
			08.75- 08.78	110899	14	33				
164 3.0	[B30E]				09.67- 07.74	111054	12	1.1		
164 3.0 E	[B30A]				08.68- 07.73	111054	12	1.1		
240 2.0	[B19ET]		10.82- 08.84	111085	14	55	10.82- 08.84	111489	12	1.4
	[B19A]		08.76- 07.84	111085	14	55	08.76- 07.84	111054	12	1.1
	[B19A]				08.83- 07.84	111134				
	[B200K]		08.84- 07.85	112753	14	55	08.84- 07.85	111054	12	1.1
	[B200K]		08.84- 07.85	111085	14	55				
	[B20A]				08.74- 07.76	111054	12	1.1		
240 2.1	[B21E]		08.74- 07.80	111085	14	55	08.74- 07.80	111054	12	1.1
	[B21F]		08.81- 07.84	111085	14	55	08.80- 07.83	111054	12	1.1
	[B21A]				08.74- 07.84	111054	12	1.1		
	[B21A]									
	[B21E]									
	[B21F]									





Application list

**VOLVO** Continued

240 2.1 Turbo	[B21ET]				08.80- 07.83	111054	12	1.1
	[B21ET]	08.81- 07.85	111085	14	55			
240 2.3	[B230K]	08.84- 07.90	112753	14	55	08.84- 07.90	111489	12 1.4
	[B230F]	08.86- 07.93	112746	14	80	08.86- 07.93	111489	12 1.4
	[B23E]					08.78- 07.83	111054	12 1.1
	[B23E]	08.81- 07.84	111085	14	55	03.87- 12.89	111489	12 1.4
	[B230A]	08.84- 07.86	112753	14	55	08.84- 07.86	111489	12 1.4
	[B23A]					08.80- 07.84	111054	12 1.1
	[B230A]	08.84- 07.86	111085	14	55			
	[B230E]					08.83- 07.84	111054	12 1.1
	[B230F]	08.86- 07.91	112753	14	55			
		08.88- 07.91	112813	14	65			
		08.91- 07.93	112810	14	65			
		08.91- 07.93	112815	14	80			
		AC 08.92- 07.93	112815	14	80			
	[B230K]	08.86- 07.90	112746	14	80			
		AC 08.84- 07.86	112753	14	55			
		AC 08.86- 07.90	112746	14	80			
	[B23A]	08.81- 07.84	111085	14	55			
	[B23E]	08.84- 07.86	112753	14	55			
		07.86- 12.88	112746	14	80			
		08.86- 12.89	112813	14	65			
		AC 08.86- 12.89	112746	14	80			
240 2.4 Diesel	[D24]					08.78- 05.84	111112	12 2.0
	[D24]	08.81- 08.93	110881	14	55	06.84- 08.93	111120	12 2.2
240 2.7 i	[B27E]							
260 2.7	[B27E]					08.81- 07.82	111054	12 1.1
340 1.4	[B14.3E]	08.78- 08.81	110744#	14	50	08.79- 07.91	111064	12 1.05
	[B14.4S]	09.81- 12.88	110921	14	55	02.76- 09.78	110367	12 1.0
	[B14.4S]	06.78- 08.81	110744#	14	50	05.81- 12.88	111064	12 1.05
	[B14.3E]	09.81- 07.91	110921	14	55			
340 1.6 Diesel	[D16]					08.84- 07.91	112295	12 1.7
	[D16]							
		Eng. -3319636 08.84- 07.91	111172#	14	60			
		Eng. 14932-08.84- 07.91	111172#	14	60			
340 1.7	[B172K]	08.85- 07.91	112744	14	60	08.85- 07.91	110585	12 1.2
	[B172K]							
340 2.0	[B19A]					08.80- 07.84	111054	12 1.1
	[B200K]	08.84- 07.88	111085	14	55	08.84- 07.88	110160	12 1.2
		08.84- 07.88	112746	14	80	08.84- 07.88	111054	12 1.1
	[B19A]	08.80- 07.84	111085	14	55			
	[B200K]	08.84- 07.90	112753	14	55			
343 1.4	[B14.4S]	06.78- 04.81	110744#	14	50	01.76- 01.78	110367	12 1.0
		05.81- 07.86	110921	14	55	08.83- 07.86	111064	12 1.05
360 2.0	[B19E]					08.82- 07.84	110160	12 1.2
	[B19A]	08.82- 07.84	111085	14	55	08.82- 07.84	110160	12 1.2
	[B200EA]	08.86- 07.88	112746	14	80	08.86- 07.88	111489	12 1.4
	[B19E]	08.82- 07.84	111085	14	55	08.82- 07.84	111054	12 1.1
	[B200F]	08.86- 07.90	112746	14	80	08.87- 07.90	111489	12 1.4
	[B19A]					08.82- 07.84	111054	12 1.1
	[B200E]	08.84- 07.89	112753	14	55	08.84- 07.89	111489	12 1.4
	[B200F]	08.86- 07.90	112753	14	55	08.88- 07.89	110160	12 1.2
	[B200K]	08.84- 07.90	111085	14	55	08.84- 07.90	111489	12 1.4
	[B200E]	08.86- 07.89	112746	14	80			
	[B200K]	08.84- 07.86	112753	14	55			
		08.86- 07.90	112746	14	80			
440 1.6	[B16F]	09.88-	111321	14	70	09.88-	110585	12 1.2
		09.88- 12.96	111403	14	70			
		09.88- 12.96	113839	14	70			
440 1.7	[B18EP]	09.88- 08.94	111321	14	70	09.88- 08.94	110585	12 1.2
	[B18F]	08.88- 08.91	111321	14	70	08.88- 08.91	110585	12 1.2
	[B18EP]	08.89- 12.96	111403	14	70	08.89- 07.92	110585	12 1.2
	[B18KP]	09.88- 08.93	111321	14	70	09.88- 08.93	110585	12 1.2
	[B18EP]	09.88- 08.94	111503#	14	60			
	[B18F]	08.88- 07.89	111403	14	70			
		08.88- 07.89	113839	14	70			
		08.88- 08.91	111503#	14	60			
	[B18FP]	08.89- 07.92	111321	14	70			
		08.89- 12.96	113839	14	70			
		08.89- 07.92	111503#	14	60			
	[B18KP]	09.88- 12.96	111403	14	70			
		09.88- 12.96	113839	14	70			
		09.88- 08.93	111503#	14	60			
	[F3N..]	10.95-	112463#	14	75			
440 1.7 Turbo	[B18FT]	08.88- 07.96	111503#	14	60	08.88- 07.96	110585	12 1.2
	[B18FT]	08.88- 07.96	111321	14	70	01.91- 12.96	111251	12 1.1
		08.88- 12.96	111403	14	70			
		08.88- 12.96	113839	14	70			
440 1.8	[B18U]	08.91- 07.96	111321	14	70	08.91- 07.96	111251	12 1.1
	[B18U]	08.91- 12.96	111403	14	70	09.95- 12.96	110585	12 1.2
		08.91- 12.96	113839	14	70			
		08.91- 07.96	111503#	14	60			
		09.95-	111326	14	110			
440 1.9 TD	[D19T]	07.94- 12.96	111403	14	70	07.94-	112295	12 1.7
		AC 07.94- 12.96	111321	14	70			
440 2.0	[B20F]	08.92- 07.96	111503#	14	60	08.92- 07.96	111251	12 1.1
	[B20F]	08.92- 07.96	111321	14	70			
		08.92- 07.96	111403	14	70			
		08.92- 07.96	113839	14	70			
		01.95- 07.96	111326	14	110			
460 1.6	[B16F]	07.92-	111321	14	70	07.92-	111251	12 1.1
		07.92- 07.96	111403	14	70	07.92- 07.96	110585	12 1.2
		07.92- 07.97	113839	14	70			
		07.92-	111503#	14	60			
		01.95-	111326	14	110			
460 1.7	[B18EP]	08.89- 07.92	111403	14	70	08.89- 07.92	111251	12 1.1
	[B18EP]	08.89- 07.92	113839	14	70	08.89- 07.92	110585	12 1.2
	[B18EP]	08.89- 07.92	111321	14	70			
		08.89- 07.92	111503#	14	60			
	[F3N..]	10.95-	112463#	14	75			
460 1.7 Turbo	[B18FT]	06.88- 07.96	111321	14	70	08.89- 07.96	110585	12 1.2
	[B18FT]	01.95-	111326	14	110	08.89- 07.96	111251	12 1.1
	[B18FT]	08.86- 07.96	113839	14	70			
		08.89- 07.96	111403	14	70			
		08.89- 07.96	111503#	14	60			
460 1.8	[B18U]	03.90- 07.96	111321	14	70	08.91- 07.96	111251	12 1.1
	[B18U]	08.91- 07.96	111503#	14	60	08.91- 07.96	110585	12 1.2
	[B18U]	08.91- 07.96	111403	14	70			
		08.91- 07.96	113839	14	70			
460 1.9 TD	[D19T]	09.91- 07.97	111503#	14	60	07.94-	112295	12 1.7
		09.93- 07.97	113839	14	70			
		07.94- 07.96	111403	14	70			
460 2.0	[B20F]	08.92- 07.96	111503#	14	60	08.92- 07.96	111251	12 1.1
	[B20F]	08.92- 12.96	111321	14	70			
		08.92- 07.96	111403	14	70			
		08.92- 07.96	113839	14	70			
		01.95- 07.96	111326	14	110			



480 1.7	[B18E]	04.86- 07.89	111321	14	70	04.86- 07.89	110585	12	1.2
		04.86- 07.89	111403	14	70	08.85- 07.89	111489	12	1.4
		04.86- 07.89	113839	14	70				
		04.86- 07.89	111503#	14	60				
	[B18EP]	08.89- 07.90	111321	14	70	08.89- 07.90	110585	12	1.2
		08.89- 07.96	111403	14	70				
		08.89- 07.96	113839	14	70				
		08.89- 07.90	111503#	14	60				
	[B18F]	08.87- 07.89	111321	14	70	08.87- 07.89	110585	12	1.2
		08.87- 07.89	111403	14	70				
		08.87- 07.89	113839	14	70				
		08.87- 07.89	111503#	14	60				
[F3N...]	10.95-	112463#	14	75					
480 1.7 Turbo	[B18FT]	08.87- 07.96	111321	14	70	08.87- 07.96	111251	12	1.1
		08.87- 07.96	111403	14	70	08.87- 07.96	110585	12	1.2
		08.87- 07.96	113839	14	70				
		08.87- 07.96	111503#	14	60				
		01.95- 07.96	111326	14	110				
480 2.0	[B20F]	08.92- 09.95	111321	14	70	08.92- 09.95	111251	12	1.1
		08.92- 09.95	111403	14	70	08.92- 09.95	110585	12	1.2
		08.92- 09.95	113839	14	70				
		08.92- 09.95	111503#	14	60				
740 2.0	[B200ET]	01.85- 07.86	112753	14	55	01.85- 07.89	111489	12	1.4
	[B200F]	08.89- 07.91	112746	14	80	08.89- 07.91	111489	12	1.4
	[B200E]	01.87- 08.88	112815	14	80	08.85- 07.91	111489	12	1.4
	[B200K]	08.86- 07.89	112746	14	80	08.85- 07.89	111489	12	1.4
	[B19ET]					12.83- 07.84	111489	12	1.4
	[B200ET]	08.86- 08.90	112746	14	80				
	[B200K]	08.84- 07.86	112753	14	55				
	[B230F]	09.85- 07.91	112813	14	65	08.87- 07.92	110160	12	1.2
	[B23A]	08.86- 07.90	112746	14	80	08.85- 07.90	111489	12	1.4
	[B230A]	08.84- 07.86	112753	14	55	08.85- 07.87	111489	12	1.4
740 2.3	[B230E]	08.84- 08.87	112753	14	55	08.84- 07.88	110160	12	1.2
	[B230E]	08.86- 07.88	112746	14	80	08.85- 07.88	111489	12	1.4
	[B230K]	09.85- 07.87	112753	14	55	09.85- 07.90	111489	12	1.4
	[B234F]					08.87- 07.89	110160	12	1.2
	[B230F]					08.87- 08.92	111489	12	1.4
	[B230FB]	08.90- 07.95	112815	14	80	08.85- 07.92	111489	12	1.4
	[B230F]	08.84- 07.87	112753	14	55	08.88- 07.90	111054	12	1.1
	[B230F]	06.86- 07.90	112746	14	80				
		AC 09.85- 07.91	112746	14	80				
		AC 08.91- 07.92	112815	14	80				
	[B230K]	06.86- 07.90	112746	14	80				
	[B23A]	08.84- 07.87	112753	14	55				
	[B23E]					08.83- 07.84	111054	12	1.1
	[B234F]					08.88- 07.91	111489	12	1.4
	[B234F]					08.88- 07.91	110160	12	1.2
[B234F]					07.89- 08.92	111489	12	1.4	
[B230ET]					08.85- 07.89	111489	12	1.4	
[B230FT]					08.86- 07.91	111489	12	1.4	
[B230FT]	09.90- 07.91	112813	14	65					
[B230GT]					08.89- 07.90	111489	12	1.4	
740 2.4 Diesel	[D24]	08.86- 07.88	112788#	14	55	08.82- 04.84	111112	12	2.0
	[D24]	08.88- 07.91	112753	14	55	08.84- 07.92	111120	12	2.2
	[D24]	04.84- 07.84	110881	14	55				
740 2.4 TD	[D24TIC]	08.86- 10.88	112746	14	80	08.86- 10.88	111120	12	2.2
	[D24T]	09.85- 07.92	110881	14	55	04.85- 07.92	111120	12	2.2
	[D24T]	08.88- 07.91	112788#	14	55	02.82- 04.84	111112	12	2.0
	[D24T]	04.87- 07.88	112753	14	55				
		Chas. 294100- 08.88- 07.91	112753	14	55				
	Chas. -294099	08.86- 07.88	112788#	14	55				
	Chas. 176800- 08.88- 09.91	112753	14	55					
	Chas. -176799	08.86- 07.88	112788#	14	55				
740 2.4 TD Intercooler	[D24TIC]	08.86- 07.88	110881	14	55	08.86- 07.92	111120	12	2.2
	[D24TIC]	08.86- 07.91	112753	14	55				
760 2.3	[B230FT]					08.85- 07.92	111489	12	1.4
760 2.3 Turbo	[B230ET]					08.84- 07.92	111489	12	1.4
	[B23ET]					08.82- 07.83	111054	12	1.1
760 2.4 Diesel	[D24]	01.82- 07.92	110881	14	55	01.82- 07.92	111120	12	2.2
760 2.4 TD	[D24T]	08.82- 07.92	112788#	14	55	08.82- 07.92	111120	12	2.2
	[D24T]	08.82- 07.92	110881	14	55				
760 2.4 TD Intercooler	[D24TIC]	08.87- 07.92	112746	14	80	08.87- 07.92	111120	12	2.2
	[D24TIC]	08.87- 07.92	110881	14	55				
780 2.4 Diesel	[D24TIC]					04.86- 07.90	111120	12	2.2
	[B5202S]	08.94- 12.96	111734		BO	08.94- 12.96	112818	12	1.4
	[B5204F]	06.91- 12.96	111734		BO	06.91- 12.96	112818	12	1.4
850 2.0 Turbo	[B5204FT]	02.93- 01.98	111734		BO	02.93- 01.98	112818	12	1.4
	[B5204T]	01.94- 08.96	112557	14	120	02.93- 12.96	112818	12	1.4
850 2.3 T5	[B5234FT]	02.93- 12.96	111734		BO	02.93- 12.96	112818	12	1.4
	[B5234FT]	02.93- 12.96	112557	14	120				
850 2.3 T5R	[B5234T4]	09.94- 08.97	112557	14	120	08.95- 12.96	112818	12	1.4
	[B5234T4]	08.95- 12.96	111734		BO				
850 2.5	[B5252]	08.92- 07.94	111734		BO	08.92- 07.94	112818	12	1.4
	[B5252S]	08.92- 07.94	112557	14	120				
	[B5252S]	08.94- 12.96	111734		BO	08.94- 12.96	112818	12	1.4
	[B5252S]	08.94- 12.96	112557	14	120				
850 2.5 AWD	[B5254T]	04.96- 12.96	111734		BO	04.96- 12.96	112818	12	1.4
	[B5254T]	04.96- 12.96	112557	14	120				
850 2.5 10V	[B5252]	06.91- 07.94	111734		BO	06.91- 07.94	112818	12	1.4
	[B5252S]	06.91- 07.94	112557	14	120				
	[B5252S]	08.94- 12.96	111734		BO	08.94- 12.96	112818	12	1.4
	[B5252S]	08.94- 12.96	112557	14	120				
850 2.5 20V	[B5254S]	08.91- 12.96	111734		BO	08.91- 12.96	112818	12	1.4
	[B5254S]	08.91- 12.96	112557	14	120				
850 2.5 TDI	[D5252T]	05.96- 08.97	111894	14	115	05.96- 08.97	111907		
	[B200F]	01.92- 08.93	112815	14	80	01.92- 07.94	111489	12	1.4
940 2.0	[B200F]	09.90- 08.91	112813	14	65				
	[B200F]	01.92- 08.93	112810	14	65				
		AC 09.90- 08.91	112746	14	80				
		AC 09.91- 08.95	112815	14	80				
	[B200FT]	04.96- 10.98	112746	14	80	04.96- 10.98	111489	12	1.4
940 2.0 Turbo	[B200FT]	09.91- 07.97	112815	14	80				
	[B230G]	08.90- 12.94	113865	14	90	08.90- 12.94	111489	12	1.4
	[B230FD]	08.92- 08.93	112810	14	65	08.92- 07.95	111489	12	1.4
	[B230FD]	08.92- 08.97	112815	14	80	08.92- 07.95	110160	12	1.2
	[B230FB]	08.90- 08.95	112810	14	65	08.90- 12.94	110160	12	1.2
	[B230FB]	08.90- 08.97	112815	14	80	08.90- 12.94	111489	12	1.4
	[B234F]					08.88- 07.91	110160	12	1.2
	[B234F]	AC				08.88- 07.91	111489	12	1.4
940 2.3 Turbo	[B234G]	08.90- 07.91	113865	14	90				
	[B230FK]					01.95- 08.97	111489	12	1.4
	[B230FT]					08.90- 08.97	111489	12	1.4
	[B230FK]	09.94- 08.97	112815	14	80	01.95- 08.97	110160	12	1.2
	[B230FT]	08.90- 08.97	112815	14	80	08.90- 08.97	110160	12	1.2
940 2.4 Diesel	[D24]	08.90- 07.95	112746	14	80	08.90- 12.94	111120	12	2.2
	[D24T]	08.90- 08.91	112746	14	80	08.90- 08.97	111120	12	2.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VOLVO Continued

940 2.4 TD Intercooler	[D24TIC]	08.90- 08.94	112746	14	80	08.90- 08.97	111120	12	2.2
960 2.0	[B204E]					09.90- 07.91	111489	12	1.4
	[B204FT]	08.90- 09.93	113865	14	90	08.90- 09.91	111489	12	1.4
960 2.4 TD Intercooler	[D24TIC]					08.90- 08.97	111120	12	2.2
960 2.5 24V	[B6254S]					09.95- 08.97	112013#	12	1.7
		08.94- 08.97	112557	14	120				
960 2.9	[B6304F]	08.90- 08.97	112557	14	120	08.95- 08.97	112013#	12	1.7
	[B6304S]	08.90- 08.97	112557	14	120	08.95- 08.97	112013#	12	1.7
	[B6304F]	08.90- 08.97	111734						
	[B6304S]	08.90- 08.97	111734						
960 2.9 24V	[B6304S]					08.95- 08.97	112013#	12	1.7
		08.95- 08.97	112557	14	120				
960 3.0	[B6304F]	08.90- 07.94	112557	14	120	08.90- 07.94	112013#	12	1.7
	[B6304F]								
		08.95-	111736	14	90				
66 DL 1.1	[B11]	12.67- 11.79	110744#	14	50				
		10.75- 11.79	110899	14	33				
66 GL 1.3	[B130]	12.67- 11.79	110744#	14	50				
		10.75- 11.79	110899	14	33				
C30 1.6	[B4164S3]	10.06-	113849	14	150				
C30 1.6 Diesel	[D4164T]	10.06-	113849	14	150	10.06-	113908	12	1.2
		10.06-	113922	14	120				
C30 1.8	[B4184S11]					10.06-	113906	12	1.2
C30 1.8 Flexfuel	[B4184S8]					01.07-	113906	12	1.2
C30 2.0	[B4204S3]	10.06-	113849	14	150	10.06-	113906	12	1.2
C30 2.0 Diesel	[D4204T]	10.06-	113849	14	150	10.06-	113911	12	2.2
		10.06-	113922	14	120				
C70 2.0 20V	[B5204T2]	03.97- 08.98	111734			03.97-	112818	12	1.4
		03.98-	112072	14	120				
C70 2.0 Turbo	[B5204T3]	03.97- 08.98	111734			03.97-	112818	12	1.4
		03.97- 07.00	111894	14	115				
		08.98-	112072	14	120				
	[B5204T4]	03.00- 09.02	112072	14	120	03.00- 09.02	112818	12	1.4
C70 2.0 Diesel	[D4204T]	01.08-	113849	14	150	01.08-	113911	12	2.2
		01.08-	113922	14	120				
C70 2.3 T5	[B5234T3]	03.97- 08.98	111734			03.97-	112818	12	1.4
		09.97- 09.02	111894	14	115				
		09.98-	112072	14	120				
	[B5234T9]	08.02-	111894	14	115	08.02-	112818	12	1.4
		08.02-	112072	14	120				
C70 2.4	[B5244S5]					03.06-	114315	12	1.4
C70 2.4 1	[B5244S4]					03.06-	114315	12	1.4
C70 2.4 Turbo	[B5244T7]	08.02-	111894	14	115	08.02-	112818	12	1.4
		08.02-	112072	14	120				
C70 2.5	[B5244S]	03.99- 07.00	112072	14	120	03.99- 07.00	112818	12	1.4
	[B5254S]	06.98- 07.00	112072	14	120	06.98- 07.00	112818	12	1.4
C70 2.5 T5	[D5254T3]					03.06-	114315	12	1.4
C70 2.5 Turbo	[B5244T]	03.97- 08.98	111734			03.97- 09.02	112818	12	1.4
		01.98- 07.99	111894	14	115				
		03.98-	112072	14	120				
	[B5254T]	03.97- 08.98	111734			03.97-	112818	12	1.4
		01.98- 07.99	111894	14	115				
		09.98-	112072	14	120				
C70 2.5 Turbo T5	[B5254T7]					03.07-	114315	12	1.4
P 121 1.8	[B18]					02.67- 05.71	111054	12	1.1
P 121 2.0	[B20A]					11.68- 05.71	111054	12	1.1
P 122 S 1.8 Amazon	[B18]					09.66- 05.71	111054	12	1.1
	[B18D]					02.67- 05.71	111054	12	1.1
P 122 S 2.0 Amazon	[B20B]					11.68- 05.71	111054	12	1.1
P 140 1.8	[B18A]					08.66- 07.68	111054	12	1.1
P 140 2.0	[B20A]					08.68- 07.74	111054	12	1.1
	[B20D]					08.71- 07.72	111054	12	1.1
	[B20E]					09.70- 04.75	111054	12	1.1
P 140 S 1.8	[B18B]					07.67- 01.72	111054	12	1.1
P 140 S 2.0	[B20B]					11.68- 09.72	111054	12	1.1
	[B20F]					09.72- 08.75	111054	12	1.1
P 145 2.0	[B20B]					08.72- 07.74	111054	12	1.1
	[B20E]					08.72- 07.73	111054	12	1.1
	[B20F]					09.73- 02.75	111054	12	1.1
P 145 S 2.0	[B20A]					08.68- 07.74	111054	12	1.1
P 1800 1.8						04.62- 05.70	111054	12	1.1
P 1800 ES 2.0	[B20E]					08.70- 07.73	111054	12	1.1
						08.70- 07.73	111054	12	1.1
S40 1.6	[B4164S]	09.95- 08.99	111734			AT 09.95- 08.99	112818	12	1.4
						A15 09.95- 08.99	112080	12	1.4
						AT 09.95- 08.99	113299#	12	1.1
	[B4164S2]	03.99-	111734			03.99-	112080	12	1.4
						AT 03.99-	112818	12	1.4
						03.99- 12.03	113605	12	1.1
	[B4164S3]					01.05-	111906	12	1.1
S40 1.6 Diesel	[D4164T]	01.05-	113849	14	150	01.05-	113908	12	1.2
	[D4164T]	01.05-	113922	14	120				
S40 1.8	[B4184S]	07.95-	111734			A15 07.95-	112080	12	1.4
						AT 07.95-	112818	12	1.4
						07.95- 12.03	113605	12	1.1
						07.95-	113299#	12	1.1
	[B4184S11]					04.04-	113906	12	1.2
	[B4184S2]					03.99-	112080	12	1.4
						03.99-	112818	12	1.4
	[B4184S3]					07.95- 08.99	113605	12	1.1
	[B4184S9]					03.99- 12.03	113605	12	1.1
S40 1.8 Flexfuel	[B4184S8]					01.06-	113906	12	1.2
S40 1.8 t	[B4184SJ]					06.01-	113299#	12	1.1
	[B4184SM]					03.98-	113299#	12	1.1
S40 1.9 T4	[B4194T]	05.97-	111734			05.97-	113299#	12	1.1
						A15 05.97-	112080	12	1.4
						AT 05.97-	112818	12	1.4
	[B4194T2]	05.97- 07.00	113272	14	140	05.97- 07.00	113605	12	1.1
S40 1.9 Diesel Di	[D4192T3]	07.00- 12.03	112471	14	125	07.00- 12.03	112474	12	1.8
		07.00- 12.03	113248	14	120	07.00- 12.00	112295	12	1.7
	[D4192T4]	Eng. -36180 07.00- 12.03	112679	14	110	07.00- 12.03	112474	12	1.8
		Eng. -36180 07.00- 12.03	112696	14	80	07.00- 12.00	112295	12	1.7
	[D4192T2]	03.99-	111775	14	120	03.99-	112295	12	1.7
		03.99- 07.00	113248	14	120				
	[D4192T3]	Eng. 36181- 07.00- 12.03	111932#	14	80				
		Eng. -36180 07.00- 12.03	112679	14	110				
		Eng. -36180 07.00- 12.03	112696	14	80				
	[D4192T4]	07.00- 12.03	112471	14	125				
		07.00- 12.03	113248	14	120				
		Eng. -36180 07.00- 12.03	111932#	14	80				
S40 1.9 TD	[D4192T]	07.95- 08.99	113248	14	120	07.95- 08.99	112295	12	1.7
		Eng. 36181- 05.96- 07.99	111932#	14	80				
		Eng. -36180 05.96- 07.99	112696	14	80				
S40 2.0	[B4204S]	07.95-	111734			A15 07.95-	112080	12	1.4
	[B4204S]					AT 07.95-	112818	12	1.4
	[B4204S3]					10.06-	113906	12	1.2

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



S40 2.0 16V	[B4204S]	07.95-	111734		BO	AT 07.95-07.99	113299#	12 1.1
						A15 07.95-	112080	12 1.4
						AT 07.95-	112818	12 1.4
	[B4204S2]	Chas. 964075-07.95-12.03	113272	14 140		AT 07.99-12.03	113299#	12 1.1
		Chas. 415000-964074.07.95-12.03	112072	14 120		07.95-12.03	113605	12 1.1
S40 2.0 Turbo	[B4204T3]	Chas. 964075 -08.00-01.04	113272	14 140		07.00-06.01	113299#	12 1.1
	[B4204T]	04.98-07.99	113272	14 140		10.97-	113299#	12 1.1
						AT 10.97-	112818	12 1.4
						DK, IS, N, S, SF 10.97-	112080	12 1.4
	[B4204T3]	Chas. 964075-08.00-01.04	113272	14 140				
		Chas. -964074 08.00-01.04	112072	14 120				
		Chas. -964074 08.00-01.04	112072	14 120				
S40 2.0 Turbo T4	[B4204T5]	Chas. 964075-07.00-12.03	113272	14 140		07.00-12.03	112080	12 1.4
	[B4204T5]					AT 07.00-12.03	112818	12 1.4
						07.00-12.03	113299#	12 1.1
S40 2.0 F	[B4204S4]					10.06-	113906	12 1.2
S40 2.0 Diesel	[D4204T]	01.04-	113849	14 150		01.04-	113911	12 2.2
	[D4204T]	01.04-	113922	14 120				
S40 2.4	[B5244S]					01.04-	114315	12 1.4
	[B5244S5]					01.04-	114315	12 1.4
S40 2.5 T5	[B5254T3]					01.04-	114315	12 1.4
S40 2.5 T5 AWD	[B5254T3]					04.04-	114315	12 1.4
S40 2.5 Turbo T5	[B5254T7]					03.07-	114315	12 1.4
S40 2.5 Turbo T5 AWD	[B5254T7]					03.07-	114315	12 1.4
S60 2.0 T5	[B4204T6]					04.10-	113906	12 1.2
S60 2.0 Turbo	[B4204T6]					04.10-	113906	12 1.2
	[B5204T5]	09.01-	112072	14 120		11.00-	112818	12 1.4
		09.01-	113272	14 140				
		AT 09.01-	112078	14 120				
S60 2.3 T5	[B5234T3]	11.00-	112072	14 120		11.00-03.04	112818	12 1.4
		11.00-	113272	14 140				
		AT 11.00-	112078	14 120				
S60 2.4	[B5244S]	11.00-	112072	14 120		11.00-	112818	12 1.4
		11.00-	113272	14 140				
		AT 11.00-	112078	14 120				
	[B5244S2]	11.00-	112072	14 120		11.00-	112818	12 1.4
		11.00-	113272	14 140				
		AT 11.00-	112078	14 120				
S60 2.4 T5	[B5244T5]	04.04-08.04	113272	14 140		04.04-	112818	12 1.4
S60 2.4 Turbo	[B5244T3]	11.00-	112072	14 120		11.00-07.02	112818	12 1.4
		11.00-	113272	14 140				
		AT 11.00-	112078	14 120				
S60 2.4 Turbo AWD	[B5244T3]	11.01-07.02	112072	14 120		11.01-	112818	12 1.4
		11.01-07.02	112078	14 120				
		11.01-	113272	14 140				
S60 2.4 Bifuel	[B5244SG2]	06.02-08.04	112072	14 120		06.02-	112818	12 1.4
		06.02-	112078	14 120				
		06.02-	113272	14 140				
S60 2.4 Diesel	[D5244T]	07.01-	113272	14 140		01.07-	113754	12 2.0
						Chas. -61385 07.01-	112434	12 2.0
						Chas. 61386-07.01-	113303	12 2.2
	[D5244T2]	08.02-08.04	113272	14 140		Chas. 61386-08.02-	113303	12 2.2
						Chas. -61385 08.02-	112434	12 2.0
						12.01-	113754	
	[D5244T5]					01.07-	112434	12 2.0
						01.07-	113303	12 2.2
	[D5244T7]					09.05-	111907	
						09.05-	112434	12 2.0
S60 2.4 Diesel D5	[D5244T4]					09.05-	111907	
						09.05-	112434	12 2.0
S60 2.5 Turbo	[B5254T2]	04.04-08.04	113272	14 140		04.04-	112818	12 1.4
S60 2.5 Turbo AWD	[B5254T2]	04.04-08.04	113272	14 140		04.04-	112818	12 1.4
S60 R 2.5 Turbo AWD	[B5254T4]	03.03-08.04	112072	14 120		03.03-	112818	12 1.4
		03.03-08.04	112078	14 120				
		03.03-08.04	113272	14 140				
S70 2.0	[B5202S]	01.97-08.98	111734		BO	AT 01.97-	112818	12 1.4
	[B5204F]	01.97-08.98	111894	14 115		01.97-	112818	12 1.4
	[B5204T4]	01.97-11.00	112072	14 120		01.97-11.00	112818	12 1.4
	[B5202S]	09.98-	112072	14 120				
	[B5204F]	01.97-08.98	111734		BO			
		09.98-03.00	112072	14 120				
S70 2.0 20V	[B5204T2]	09.98-	112072	14 120		01.97-07.98	112818	12 1.4
	[B5204T2]	01.97-08.98	111734		BO			
S70 2.0 Turbo	[B5204T]	01.97-03.00	111894	14 115		01.97-	112818	12 1.4
	[B5204T3]	09.98-11.00	112072	14 120		08.98-11.00	112818	12 1.4
	[B5204T]	01.97-08.98	111734		BO			
		09.98-03.00	112072	14 120				
	[B5204T3]	01.97-08.98	111734		BO			
		01.97-11.00	111894	14 115				
S70 2.3 T5	[B5234T3]	01.97-08.98	111894	14 115		AT 01.97-	112818	12 1.4
	[B5234T3]	01.97-08.98	111734		BO			
		09.98-	112072	14 120				
S70 2.3 Turbo	[B5234FT]	09.98-11.00	112072	14 120		01.97-11.00	112818	12 1.4
	[B5234FT]	01.97-08.98	111734		BO			
		01.97-08.98	111894	14 115				
S70 2.4	[B5244S]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
	[B5244S2]	08.99-07.00	112072	14 120		08.99-07.00	112818	12 1.4
	[B5252S]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
	[B5254S]	06.98-08.98	111734		BO	06.98-	112818	12 1.4
	[GB5252S]	10.98-	112072	14 120		AT 10.98-	112818	12 1.4
	[B5244S]	01.97-08.98	111734		BO			
		01.97-	111894	14 115				
	[B5252S]	01.97-08.98	111734		BO			
		01.97-	111894	14 115				
	[B5254S]	06.98-	111894	14 115				
		09.98-	112072	14 120				
	[GB5252S]	10.98-	111894	14 115				
S70 2.4 Turbo	[B5244T]	01.97-11.00	112072	14 120		AT 01.97-	112818	12 1.4
	[B5254T]	01.97-	111894	14 115		AT 01.97-	112818	12 1.4
	[B5254T]	01.97-08.98	111734		BO			
		09.98-	112072	14 120				
S70 2.5 Bifuel	[B5244SG]	07.99-11.00	111894	14 115		07.99-	112818	12 1.4
	[B5244SG]	07.99-	112072	14 120				
S70 2.5 TDI	[D5252T]	01.97-	111894	14 115		01.97-11.00	113754	
		01.97-	113272	14 140			111907	
S80 2.0	[B5204T4]	06.98-	112078	14 120		06.98-	112818	12 1.4
	[B4204S3]					01.08-	113906	12 1.2
	[B5204T4]	06.98-	113272	14 140				
S80 2.0 T5	[B4204T7]					10.10-	113906	12 1.2
S80 2.0 FlexFuel	[B4204S4]					01.08-	113906	12 1.2
S80 2.0 Turbo	[B5204T3]	06.98-	113272	14 140		06.98-	112818	12 1.4
	[B5204T5]	12.99-	112078	14 120		12.99-	112818	12 1.4
	[B4204T6]					01.10-	113906	12 1.2
	[B5204T3]	06.98-	112078	14 120				
	[B5204T5]	12.99-	113272	14 140				
S80 2.0 Diesel D3	[D5204T2]					01.10-	113303	12 2.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VOLVO Continued

S80 2.4	[B5244S]	01.99-	113272	14	140	01.99-	112818	12	1.4
	[B5244S2]	01.99-	113272	14	140	01.99-	112818	12	1.4
	[B5244S]	01.99-	112072	14	120				
	[B5244S]	01.99-	112078	14	120				
[B5244S2]	01.99-	112072	14	120					
	01.99-	112078	14	120					
S80 2.4 T5 AWD	[B5244T3]	08.00- 07.03	113272	14	140	04.00- 09.03	112818	12	1.4
	[B5244T3]	08.00- 07.03	112078	14	120				
S80 2.4 Turbo	[B5244T3]	06.00-	112072	14	120	03.00-	112818	12	1.4
	[B5244T3]	03.00-	112078	14	120				
	[B5244T3]	03.00-	113272	14	140				
S80 2.4 Bifuel	[B5244SG2]	09.01-	113272	14	140	09.01-	112818	12	1.4
	[B5244SG2]	09.01-	112072	14	120				
S80 2.4 Diesel	[D5244T2]	10.01-	113272	14	140	10.01- 07.06	113754		
	[D5244T2]					10.01-	112434	12	2.0
	[D5244T5]					01.08-	113303	12	2.2
S80 2.4 Diesel D5	[D5244T]	08.01-	113272	14	140	AT 08.01-	113303	12	2.2
	[D5244T]					08.01-	112434	12	2.0
	[D5244T11]					06.11-	113303	12	2.2
	[D5244T15]					06.11-	113303	12	2.2
	[D5244T11]					06.11-	113303	12	2.2
S80 2.4 Diesel D5 AWD	[D5244T15]					06.11-	113303	12	2.2
	[D5244T15]					06.11-	113303	12	2.2
S80 2.5 Turbo	[B5254T2]	07.03-	113272	14	140	03.03-	112818	12	1.4
S80 2.5 Turbo AWD	[B5254T2]	07.03-	113272	14	140	07.03-	112818	12	1.4
S80 2.5 TDI	[D5252T]	01.99- 08.01	113272	14	140	08.98-	112434	12	2.0
	[D5252T]					01.99- 07.06	113754		
S80 2.8 T6	[B6284T]	09.98- 08.01	112078	14	120	06.98- 07.01	113749	12	1.7
	[B6284T]	09.98-	113272	14	140	05.98-	112013#	12	1.7
S80 2.9	[B6294S]	03.99-	112078	14	120	08.99- 07.01	113749	12	1.7
	[B6294S]	03.99-	113272	14	140	03.99-	112013#	12	1.7
S80 2.9 24V	[B6304S3]	09.98- 08.99	112078	14	120	06.98- 07.99	113749	12	1.7
	[B6304S3]	09.98- 08.99	113272	14	140	05.98-	112013#	12	1.7
S80 3.0	[B6294S2]	08.01-	112078	14	120	06.01-	112013#	12	1.7
	[B6294S2]	08.01-	113272	14	140	06.01- 07.06	113749	12	1.7
S80 3.0 T6	[B6294T]	06.01-	112078	14	120	06.01-	112013#	12	1.7
	[B6294T]	06.01-	113272	14	140	06.01- 07.06	113749	12	1.7
	[B6294T]	06.01-	112072	14	120				
S90 2.9	[B6304G]					01.97-	112013#	12	1.7
	[B6304S2]	01.97-	112557	14	120	01.97-	112013#	12	1.7
V40 1.6	[B4164S]	12.95- 08.99	111734		BO	07.95-	113605	12	1.1
	[B4164S]					AT 12.95- 08.99	112818	12	1.4
[B4164S2]	03.99-	111734		BO	12.95- 08.99	113299#	12	1.1	
					DK, IS, N, S, SF 12.95- 08.99	112080	12	1.4	
V40 1.8	[B4184S]	07.95-	111734		BO	AT 03.99-	112818	12	1.4
	[B4184S]					A15 03.99-	112080	12	1.4
	[B4184S]					AT 07.95-	113299#	12	1.1
	[B4184S]					A15 07.95-	112080	12	1.4
	[B4184S]					AT 07.95-	112818	12	1.4
	[B4184S]					07.95-	113605	12	1.1
	[B4184S2]					A15 03.99-	112080	12	1.4
	[B4184S2]					AT 03.99-	112818	12	1.4
	[B4184S2]					03.99-	113299#	12	1.1
	[B4184S3]					07.95- 08.99	113605	12	1.1
[B4184S9]					03.99-	113605	12	1.1	
[B4184SJ]					06.01-	113299#	12	1.1	
V40 1.8 i	[B4194T]					A15 05.97-	112080	12	1.4
V40 1.9 T4	[B4194T]					AT 05.97-	112818	12	1.4
	[B4194T]					05.97-	113299#	12	1.1
	[B4194T]					07.00-	112474	12	1.8
V40 1.9 Diesel Di	[D4192T3]	07.00-	112471	14	125	07.00-	112474	12	1.8
	[D4192T3]	Eng. -36180 07.00-	112679	14	110	07.00- 12.00	112295	12	1.7
	[D4192T4]	Eng. 36181- 07.00-	111932#	14	80	07.00-	112474	12	1.8
	[D4192T4]	Eng. -36180 07.00-	112696	14	80	07.00- 12.00	112295	12	1.7
	[D4192T2]	03.99	111775	14	120	03.99-	112295	12	1.7
	[D4192T2]	03.99- 07.00	113248	14	120				
	[D4192T3]	07.00- 06.04	113248	14	120				
	[D4192T3]	Eng. 36181- 07.00-	111932#	14	80				
[D4192T4]	07.00-	112471	14	125					
[D4192T4]	07.00- 06.04	113248	14	120					
[D4192T4]	Eng. -36180 07.00-	112679	14	110					
V40 1.9 TD	[D4192T]	07.95- 08.99	111775	14	120	07.95-	112295	12	1.7
[D4192T]	07.95- 08.99	113248	14	120					
V40 2.0	[B4204S]	07.95-	111734		BO	AT 07.95-	113299#	12	1.1
	[B4204S]					A15 07.95-	112080	12	1.4
	[B4204S]					AT 07.95-	112818	12	1.4
V40 2.0 16V	[B4204S2]	07.95-	111734		BO	AT 07.95-	113299#	12	1.1
	[B4204S2]					A15 07.95-	112080	12	1.4
	[B4204S2]					07.95-	113605	12	1.1
V40 2.0 Turbo 16V	[B4204T]	10.97- 07.00	111734		BO	AT 07.95-	112818	12	1.4
	[B4204T]	10.97- 07.00	112072	14	120	AT 10.97-	113299#	12	1.1
V40 2.0 Turbo	[B4204T2]	07.00- 06.01	113272	14	140	A15 10.97-	112080	12	1.4
	[B4204T2]	07.00- 06.01	112072	14	120	AT 07.00- 06.01	112818	12	1.4
	[B4204T2]	07.00- 06.01	113272	14	140	07.00- 06.01	112080	12	1.4
	[B4204T3]					07.00- 06.01	113299#	12	1.1
	[B4204T3]	06.01-	113272	14	140	AT 06.01-	112818	12	1.4
V40 2.0 Turbo T4	[B4204T5]	06.01-	113272	14	140	06.01-	113299#	12	1.1
	[B4204T5]	Chas. - 964074 08.00- 04.04	112072	14	120	06.01-	112080	12	1.4
	[B4204T5]	07.00-	112072	14	120	A15 07.00- 04.04	112080	12	1.4
	[B4204T5]	07.00-	113272	14	140	AT 07.00- 04.04	112818	12	1.4
V50 1.6	[B4164S3]					AT 07.00- 04.04	113299#	12	1.1
	[D4164T]	01.05-	113922	14	120	01.05-	111906	12	1.1
	[D4164T]	01.05-	113849	14	150	01.05-	113908	12	1.2
V50 1.8	[B4184S11]					04.04-	113906	12	1.2
V50 1.8 FlexFuel	[B4184S8]					01.05-	113906	12	1.2
V50 2.0	[B4204S3]					10.06-	113906	12	1.2
V50 2.0 Flexfuel	[B4204S4]					01.10-	113906	12	1.2
V50 2.0 Diesel	[D4204T]	04.04-	113849	14	150	04.04-	113911	12	2.2
	[D4204T]	04.04-	113922	14	120				
V50 2.4	[B5244S]					04.04-	114315	12	1.4
	[B5244S5]					04.04-	114315	12	1.4
V50 2.5 T5	[B5254T3]					04.04-	114315	12	1.4
V50 2.5 T5 AWD	[B5254T3]					04.04-	114315	12	1.4
V50 2.5 Turbo T5	[B5254T7]					03.07-	114315	12	1.4
V50 2.5 Turbo T5 AWD	[B5254T7]					03.07-	114315	12	1.4
V60 2.0 T5	[B4204T7]					09.10-	113906	12	1.2
V60 2.0 Turbo	[B4204T6]					09.10-	113906	12	1.2
V70 1.6 D5 AWD	[B4164T]					10.10-	113906	12	1.2
V70 1.6 T4F	[B4164T2]					01.11-	113906	12	1.2



V70 2.0	[B5202S]	09.98-	112072	14	120		01.97-	112818	12	1.4
	[B5204S]	01.97- 03.00	111894	14	115		01.97- 03.00	112818	12	1.4
	[B5204T4]	01.97- 03.00	112072	14	120		01.97- 03.00	112818	12	1.4
	[B4204S3]						10.07-	113906	12	1.2
	[B5202S]	01.97- 08.98	111734							
[B5204S]	01.97- 08.98	111734								
[B5204S]	09.98- 03.00	112072	14	120						
V70 2.0 T6 AWD	[B4204T7]						01.10-	113906	12	1.2
V70 2.0 20V	[B5204T2]	01.97- 08.98	111734				01.97- 03.06	112818	12	1.4
	[B5204T2]	01.97- 08.98	111894	14	115					
V70 2.0 FlexFuel	[B4204S4]						01.08-	113906	12	1.2
V70 2.0 Turbo	[B5204T]	01.97- 03.00	111894	14	115			112818	12	1.4
	[B5204T3]	09.98- 08.99	112072	14	120		01.97- 08.99	112818	12	1.4
	[B5204T5]	03.00-	113272	14	140		07.01-	112818	12	1.4
	[B4204T6]						01.10-	113906	12	1.2
	[B5204T]	03.00- 03.00	113272	14	140					
	[B5204T]	01.97- 08.98	111734							
[B5204T]	09.98- 03.00	112072	14	120						
[B5204T3]	01.97- 08.98	111734								
[B5204T3]	01.97- 08.99	111894	14	115						
[B5204T5]	03.00-	112072	14	120						
V70 2.0 Turbo AWD	[B5204T3]	01.97- 08.99	111894	14	115		01.97- 08.99	112818	12	1.4
[B5204T3]	01.97- 08.98	111734								
[B5204T3]	09.98- 08.99	112072	14	120						
V70 2.0 Diesel	[D4204T]						10.07-	113911	12	2.2
V70 2.0 Diesel D5 AWD	[D5204T2]						03.10- 07.11	113303	12	2.2
V70 2.3	[B5234FT]	01.97- 03.00	111894	14	115		01.97- 03.00	112818	12	1.4
	[B5234FT]	01.97- 08.98	111734							
[B5234FT]	09.98- 03.00	112072	14	120						
V70 2.3 T5	[B5234T3]	03.00-	113272	14	140		01.97-	112818	12	1.4
[B5234T3]	01.97- 08.98	111734								
[B5234T3]	09.98-	112072	14	120						
[B5234T3]	AT 03.00-	112078	14	120						
V70 2.3 T5 AWD	[B5234T3]	01.97-	111894	14	115		01.97-	112818	12	1.4
[B5234T3]	01.97- 08.98	111734								
[B5234T3]	09.98-	112072	14	120						
V70 2.3 Turbo AWD	[B5234FT]	09.98-	112072	14	120		04.97-	112818	12	1.4
[B5234FT]	04.97- 08.98	111734								
V70 2.4	[B5244S]	03.00-	113272	14	140		03.00-	112818	12	1.4
	[B5244S2]	AT 03.00-	112078	14	120		03.00-	112818	12	1.4
	[B5252S]	01.97- 08.98	111734				01.97-	112818	12	1.4
	[B5254S]	09.98-	112072	14	120		01.97-	112818	12	1.4
	[B5244S]	03.00-	112072	14	120					
	[B5244S]	AT 03.00-	112078	14	120					
	[B5244S2]	03.00-	112072	14	120					
	[B5244S2]	03.00-	113272	14	140					
[B5252S]	09.98-	112072	14	120						
[B5254S]	01.97- 08.98	111734								
[B5254S]	06.98-	111894	14	115						
[GB5244SG2]							05.99- 03.00	112818	12	1.4
V70 2.4 Turbo	[B5244T]	01.97- 03.00	112072	14	120		01.97- 03.00	112818	12	1.4
	[B5244T3]	AC 03.00-	112072	14	120		03.00-	112818	12	1.4
	[B5254T]	01.97- 08.98	111734				01.97-	112818	12	1.4
	[B5244T3]	03.00-	112078	14	120					
	[B5244T3]	03.00-	113272	14	140					
	[B5254T]	01.97-	111894	14	115					
[B5254T]	09.98-	112072	14	120						
V70 2.4 Turbo AWD	[B5244T]	01.97- 05.00	112072	14	120		01.97- 05.00	112818	12	1.4
	[B5244T3]	09.00-	112072	14	120		03.00-	112818	12	1.4
	[B5254T]	01.97- 08.98	111734				01.97-	112818	12	1.4
	[B5244T3]	03.00-	112078	14	120					
	[B5244T3]	03.00-	113272	14	140					
[B5254T]	01.97-	111894	14	115						
[B5254T]	09.98-	112072	14	120						
V70 2.4 Turbo T5	[B5244T5]	04.04-	113272	14	140		04.04-	112818	12	1.4
[B5244T5]	04.04-	112072	14	120						
[GB5252S]	10.98-	111894	14	115		10.98-	112818	12	1.4	
[GB5252S]	10.98-	112072	14	120						
V70 2.4 Bifuel	[B5244SG]	08.99-	112072	14	120		08.99-	112818	12	1.4
[B5244SG]	09.01-	112078	14	120						
[B5244SG]	08.99-	111894	14	115						
[B5244SG]	08.99-	113272	14	140						
V70 2.4 Diesel	[D5244T2]	12.01-	113272	14	140		12.01-	112434	12	2.0
V70 2.4 Diesel D5	[D5244T]	08.01-	113272	14	140		08.01-	112434	12	2.0
	[D5244T4]	05.05-	113272	14	140		05.05-	112434	12	2.0
	[D5244T11]						06.11-	113303	12	2.2
	[D5244T15]						06.11-	113303	12	2.2
V70 2.4 Diesel D5 AWD	[D5244T2]	08.02-	113272	14	140		08.02-	112434	12	2.0
	[D5244T4]	05.05-	113272	14	140		05.05-	112434	12	2.0
	[D5244T15]						06.11-	113303	12	2.2
	[D5244T15]						06.11-	113303	12	2.2
V70 2.5 AWD	[B5244T2]	03.99- 03.00	112072	14	120		03.99- 03.00	112818	12	1.4
	[B5244T2]	03.99- 03.00	111894	14	115					
V70 2.5 Turbo	[B5254T2]	04.04-	113272	14	140		04.04-	112818	12	1.4
	[B5254T2]	04.04-	112072	14	120					
V70 2.5 Turbo AWD	[B5254T2]	09.02-	113272	14	140		09.02-	112818	12	1.4
	[B5254T2]	09.02-	112072	14	120					
V70 2.5 Turbo R AWD	[B5254T4]	03.03-	113272	14	140		03.03-	112818	12	1.4
	[B5254T4]	03.03-	112072	14	120					
V70 2.5 TDI	[D5252T]	01.97-	111828	14	120		03.00-	112434	12	2.0
	[D5252T]	01.97-	111894	14	115		01.97-	111907		
V90 2.9	[D5252T]	01.97- 03.00	113272	14	140					
	[B6304G]						01.97-	112013#	12	1.7
	[B6304S2]	01.97-	112557	14	120		01.97-	112013#	12	1.7
[B6304S2]	01.97-	112557	14	120						
XC60 2.0 T5	[B4204T7]						09.10-	113906	12	1.2
XC60 2.0 Turbo	[B4204T6]						03.10-	113906	12	1.2
XC60 2.4 Diesel D5 AWD	[D5244T11]						06.11-	113303	12	2.2
	[D5244T15]						06.11-	113303	12	2.2
XC70 2.4 Turbo AWD	[B5244T3]	09.00-	112072	14	120		09.00-	112818	12	1.4
	[B5244T3]	09.00-	113272	14	140					
	[B5244T3]	AT 09.00-	112078	14	120					
XC70 2.4 Diesel AWD	[D5244T]	09.02-	113272	14	140		09.02-	112434	12	2.0
XC70 2.4 Diesel D5 AWD	[D5244T11]						06.11-	113303	12	2.2
	[D5244T15]						06.11-	113303	12	2.2
	[D5244T4]	05.05-	113272	14	140		05.05-	112434	12	2.0
	[D5244T4]	09.02-	113272	14	140		09.02-	112818	12	1.4
XC70 2.5 Turbo AWD	[B5254T2]	09.02-	113272	14	140		09.02-	112818	12	1.4
XC90 2.4 Diesel	[D5244T]	10.02-	113272	14	140		10.02-	113303	12	2.2
XC90 2.4 Diesel D5	[D5244T18]	01.11-	114312	14	140		01.11-	113303	12	2.2
XC90 2.5 Turbo	[B5254T2]	AC 10.02-	113272	14	140		10.02-	112818	12	1.4
XC90 3.0 Turbo	[B6294T]	10.02-	113272	14	140		10.02-	113749	12	1.7
<b>PASSENGER CARS US</b>										
122 1.8 S	[B18]						01.68- 01.68	111054	12	1.1
[B18]							01.62- 01.67	111054	12	1.1
142 1.8 S	[B18]						01.68- 01.68	111054	12	1.1
142 2.0	[B20B]						01.70- 01.71	111054	12	1.1
[B20E]							01.72- 01.74	111054	12	1.1
142 2.0 E	[B20B]						01.71- 01.71	111054	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VOLVO Continued

142 2.0 GL	[B20E]					01.74- 01.74	111054	12	1.1
142 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1
144 1.8 S	[B18]					01.68- 01.68	111054	12	1.1
						01.67- 01.67	111054	12	1.1
144 2.0	[B20B]					01.70- 01.71	111054	12	1.1
	[B20E]					01.72- 01.74	111054	12	1.1
144 2.0 GL	[B20E]					01.74- 01.74	111054	12	1.1
144 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1
145 1.8 S	[B18]					01.68- 01.68	111054	12	1.1
145 2.0	[B20B]					01.70- 01.71	111054	12	1.1
	[B20E]					01.72- 01.74	111054	12	1.1
145 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1
164 3.0	[B30A]					01.70- 01.71	111054	12	1.1
	[B30E]					01.72- 01.75	111054	12	1.1
164 3.0 E	[B30E]					01.73- 01.74	111054	12	1.1
240 2.3	[B230F]	01.90- 01.93	112746	14	80	01.90- 01.93	111489	12	1.4
240 2.3 DL	[B230F]	01.90- 01.90	112746	14	80	01.90- 01.90	111489	12	1.4
240 2.3 GL	[B230F]	01.92- 01.92	112746	14	80	01.92- 01.92	111489	12	1.4
240 2.3 SE	[B230F]	01.91- 01.91	112746	14	80	01.91- 01.91	111489	12	1.4
242 2.0 GL	[B20E]					01.75- 01.75	111054	12	1.1
242 2.1	[B21F]					01.76- 01.79	111054	12	1.1
		01.81- 01.81	112788#	14	55				
		01.81- 01.81	111085	14	55				
242 2.1 DL	[B21F]					01.80- 01.82	111054	12	1.1
		01.80- 01.82	111085	14	55				
		01.80- 01.82	112788#	14	55				
		01.83- 01.83	112788#	14	55	01.83- 01.83	111054	12	1.1
		01.83- 01.83	111085	14	55				
242 2.1 GL	[B21F]					01.81- 01.81	111054	12	1.1
		01.81- 01.81	111085	14	55				
		01.81- 01.81	112788#	14	55				
242 2.1 GLT		01.82- 01.82	112788#	14	55	01.82- 01.82	111054	12	1.1
		01.82- 01.82	111085	14	55				
242 2.1 Turbo	[B21FT]					01.81- 01.81	111054	12	1.1
		01.81- 01.81	111085	14	55				
		01.81- 01.81	112788#	14	55				
242 2.1 Turbo GLT	[B21FT]					01.81- 01.84	111054	12	1.1
		01.81- 01.84	111085	14	55				
		01.81- 01.84	112788#	14	55				
242 2.3									
242 2.3 DL	[B23F]	01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
		01.83- 01.84	112788#	14	55				
242 2.3 GLT		01.82- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
		01.82- 01.83	112788#	14	55				
244 2.0 GL	[B20E]					01.75- 01.75	111054	12	1.1
244 2.1	[B21F]					01.76- 01.78	111054	12	1.1
		01.81- 01.81	112788#	14	55	01.81- 01.81	111054	12	1.1
		01.81- 01.81	111085	14	55				
244 2.1 DL	[B21F]					01.79- 01.82	111054	12	1.1
		01.79- 01.82	111085	14	55				
		01.79- 01.82	112788#	14	55				
		01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
		01.83- 01.84	112788#	14	55				
244 2.1 GL	[B21F]					01.82- 01.82	111054	12	1.1
		01.82- 01.82	111085	14	55				
244 2.1 Turbo GLT	[B21FT]					01.82- 01.84	111054	12	1.1
		01.82- 01.84	111085	14	55				
		01.82- 01.84	112788#	14	55				
244 2.3									
244 2.3 DL	[B230F]	01.85- 01.89	112746	14	80	01.85- 01.89	111489	12	1.4
						01.85- 01.89	111054	12	1.1
	[B23F]	01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
		01.83- 01.84	112788#	14	55				
244 2.3 GL	[B230F]	01.85- 01.89	112746	14	80	01.85- 01.89	111489	12	1.4
						01.85- 01.89	111054	12	1.1
	[B23F]	01.84- 01.84	111085	14	55	01.84- 01.84	111054	12	1.1
		01.84- 01.84	112788#	14	55				
		01.82- 01.83	112788#	14	55				
		01.82- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
244 2.3 GLT		01.82- 01.82	112788#	14	55				
		01.82- 01.82	111085	14	55				
244 2.4 DL	[D24]	01.82- 01.84	110881	14	55	01.82- 01.84	111120	12	2.2
244 2.4 GL	[D24]	01.82- 01.84	110881	14	55	01.82- 01.84	111120	12	2.2
245 2.0	[B20E]					01.75- 01.75	111054	12	1.1
245 2.1	[B21F]					01.76- 01.78	111054	12	1.1
		01.81- 01.81	112788#	14	55	01.81- 01.81	111054	12	1.1
		01.81- 01.81	111085	14	55				
245 2.1 DL	[B21F]					01.79- 01.82	111054	12	1.1
		01.79- 01.82	111085	14	55				
		01.79- 01.82	112788#	14	55				
		01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
		01.83- 01.84	111085	14	55				
245 2.1 GL	[B21F]					01.82- 01.82	111054	12	1.1
		01.82- 01.82	111085	14	55				
245 2.1 Turbo	[B21FT]					01.85- 01.85	111054	12	1.1
		01.85- 01.85	111085	14	55				
		01.85- 01.85	112788#	14	55				
245 2.1 Turbo GLT	[B21FT]					01.81- 01.84	111054	12	1.1
		01.81- 01.84	111085	14	55				
		01.81- 01.84	112788#	14	55				
245 2.3	[B230F]	01.85- 01.85	112746	14	80	01.85- 01.85	111054	12	1.1
						01.85- 01.85	111489	12	1.4
	[B23F]	01.84- 01.84	111085	14	55	01.84- 01.84	111054	12	1.1
		01.84- 01.84	112788#	14	55				
245 2.3 DL	[B230F]	01.86- 01.89	112746	14	80	01.86- 01.89	111054	12	1.1
						01.86- 01.89	111489	12	1.4
	[B23F]	01.83- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
		01.83- 01.83	112788#	14	55				
245 2.3 GL	[B230F]	01.86- 01.89	112746	14	80	01.86- 01.89	111054	12	1.1
						01.86- 01.89	111489	12	1.4
	[B23F]	01.83- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
		01.83- 01.83	112788#	14	55				
		01.82- 01.82	112788#	14	55				
		01.82- 01.82	111085	14	55				
245 2.4	[D24]	01.84- 01.84	110881	14	55	01.84- 01.84	111120	12	2.2
245 2.4 DL	[D24]	01.82- 01.82	110881	14	55	01.82- 01.82	111120	12	2.2
245 2.4 GL	[D24]	01.83- 01.83	110881	14	55	01.83- 01.83	111120	12	2.2
264 2.4 GL	[D24]					01.80- 01.81	110368	12	2.3
264 2.4 GLE	[D24]					01.80- 01.80	110368	12	2.3
265 2.4 GLE	[D24]					01.80- 01.80	110368	12	2.3
544 1.8						01.62- 01.65	111054	12	1.1
740 2.3	[B230F]	01.90- 01.92	112746	14	80	01.90- 01.92	111489	12	1.4
740 2.3 GL	[B230F]	01.89- 01.90	112746	14	80	01.89- 01.90	111489	12	1.4
740 2.3 GLE	[B230F]	01.85- 01.88	112788#	14	55	01.85- 01.86	111054	12	1.1
		01.87- 01.89	112746	14	80	01.87- 01.89	111489	12	1.4
	[B234F]					01.90- 01.90	111489	12	1.4



740 2.3 Turbo	[B230FT]					01.89-	01.92	111489	12	1.4		
740 2.3 Turbo GLE	[B230FT]	01.86-	01.86	112788#	14	55		01.86-	01.88	111489	12	1.4
740 2.3 Turbo SE	[B230FT]							01.91-	01.91	111489	12	1.4
740 2.4 Turbo GLE	[D24T]	01.86-	01.86	110881	14	55		01.86-	01.86	111120	12	2.2
745 2.3 GLE	[B230F]	01.85-	01.85	112788#	14	55		01.85-	01.85	111054	12	1.1
745 2.3 Turbo GLE	[B230FT]	01.85-	01.85	112788#	14	55		01.85-	01.85	111054	12	1.1
745 2.4 Turbo GLE	[D24T]	01.85-	01.85	110881	14	55		01.85-	01.85	111120	12	2.2
760 2.3 Turbo	[B230FT]	01.85-	01.85	112788#	14	55		01.85-	01.85	111054	12	1.1
		01.89-	01.90	112746	14	80		01.89-	01.90	111489	12	1.4
760 2.3 Turbo GLE	[B230FT]	01.85-	01.87	112788#	14	55		01.85-	01.87	111054	12	1.1
		01.88-	01.88	112746	14	80		01.88-	01.88	111489	12	1.4
	[B23FT]	01.84-	01.84	112788#	14	55		01.84-	01.84	111054	12	1.1
760 2.4 GLE	[D24]	01.83-	01.84	110881	14	55		01.83-	01.84	111120	12	2.2
760 2.4 Turbo GLE	[D24T]	01.83-	01.85	110881	14	55		01.83-	01.85	111120	12	2.2
780 2.3 Turbo	[B230FT]							01.89-	01.90	111489	12	1.4
850 2.3 Turbo	[B5234FT]							01.94-	01.94	112818	12	1.4
		01.96-		111734								
								01.95-	01.96	112818	12	1.4
850 2.3 Turbo R	[B5254FT]	01.97-	01.97	111734								
		01.97-	01.97	111734				01.97-	01.97	112818	12	1.4
850 2.3 Turbo T-5	[B5234T]	01.97-	01.97	111734								
850 2.4	[B5254FS]							01.93-	01.94	112818	12	1.4
		01.97-	01.97	111734								
850 2.4 GLT	[B5254FS]							01.95-	01.96	112818	12	1.4
850 2.4 Turbo GLT	[B52354F]	01.97-	01.97	111734								
850 2.4 Turbo T-5R	[B5234FT]											
940 2.3	[B230FD]	01.94-	01.95	112746	14	80		01.94-	01.95	111489	12	1.4
940 2.3 GLE	[B230F]							01.91-	01.91	111489	12	1.4
940 2.3 Turbo	[B230FT]							01.91-	01.95	111489	12	1.4
								01.92-	01.92	111489	12	1.4
940 2.3 Turbo SE	[B230FT]							01.91-	01.91	111489	12	1.4
960 2.9	[B6304F]	01.92-	01.97	112557	14	120						
1800 1.8	[B18B]							01.67-	01.67	111054	12	1.1
								01.62-	01.65	111054	12	1.1
1800 1.8 S	[B18]							01.68-	01.68	111054	12	1.1
1800 2.0 E	[B20E]							01.70-	01.72	111054	12	1.1
1800 2.0 ES	[B20E]							01.72-	01.73	111054	12	1.1
1800 2.0 S	[B20B]							01.69-	01.69	111054	12	1.1
C70 2.3 Turbo	[B5234T3]	01.00-	01.03	112072	14	120		01.02-	01.03	112818	12	1.4
		01.98-		111734								
C70 2.4	[B5254FS]	01.98-	01.98	111734								
C70 2.4 Turbo	[B5244T]	01.02-	01.02	112072	14	120		01.02-	01.02	112818	12	1.4
	[B5244T3]	01.03-		112072	14	120						
	[B5254T]	01.99-		111734								
DL 2.1	[B21A]	01.84-	01.84	111085	14	55		01.84-	01.84	111054	12	1.1
		01.84-	01.84	112788#	14	55						
GLE 2.3	[B23F-LH]	01.84-	01.84	111085	14	55		01.84-	01.84	111054	12	1.1
		01.84-	01.84	112788#	14	55						
S60 2.3 Turbo	[B5234FT]	01.01-	01.01	112072	14	120						
		01.01-	01.01	112078	14	120						
S60 2.3 Turbo T5	[B5234T3]	01.02-	01.03	112072	14	120		01.02-	01.03	112818	12	1.4
		01.02-	01.03	112078	14	120						
S60 2.4	[B5244S]	01.01-		112072	14	120		01.02-	01.03	112818	12	1.4
		01.01-		112078	14	120						
S60 2.4 Turbo	[B5244T3]	01.01-		112072	14	120		01.02-	01.02	112818	12	1.4
		01.01-		112078	14	120						
S70 2.3 Turbo	[B5234FT]	01.98-	01.00	111734								
S70 2.4	[B5254FS]	01.98-	01.98	111734								
		01.99-	01.00	112072	14	120						
S70 2.4 Turbo		01.99-	01.00	112072	14	120						
S70 2.4 Turbo GLT	[B5254FT]	01.98-	01.98	111734								
S80 2.8 Turbo	[B6284T]	01.99-	01.03	112078	14	120		01.99-	01.03	112013#	12	1.7
								01.99-	07.01	113749	12	1.7
S80 2.9	[B6294S]	01.00-		112078	14	120		01.00-	07.01	113749	12	1.7
								01.02-	01.03	112013#	12	1.7
	[B6304S3]	01.99-		112078	14	120		01.99-	07.99	113749	12	1.7
	[B6304F]							01.98-	01.98	112013#	12	1.7
S90 2.9	[B6304F]											
V70 2.3 Turbo	[B5234FT]	01.99-	01.01	112072	14	120						
	[B5234T3]	01.01-		112072	14	120						
V70 2.3 Turbo R	[B5234FT]	01.98-		111734								
V70 2.3 Turbo T5	[B5234T3]	01.02-	01.03	112072	14	120		01.02-	01.03	112818	12	1.4
V70 2.4	[B5244S]	01.01-	01.03	112072	14	120		01.02-	01.03	112818	12	1.4
		01.01-	01.03	112078	14	120						
	[B5254FS]	01.98-	01.98	111734								
		01.99-	01.00	112072	14	120						
V70 2.4 Turbo	[B5234T3]	01.99-		112072	14	120						
	[B5244T2]	01.00-		112072	14	120						
	[B5244T3]	01.01-	01.02	112072	14	120		01.02-	01.02	112818	12	1.4
		01.01-	01.02	112078	14	120						
	[B5254T]	01.98-		111734								
		01.99-		112072	14	120						
V70 2.4 Turbo GLT	[B5254T]	01.98-		111734								
V70 2.4 Turbo X/C	[B5244T3]	01.02-	01.02	112072	14	120		01.02-	01.02	112818	12	1.4
		01.02-	01.02	112078	14	120						
V70 2.4 Turbo X/C AWD	[B5244T3]	01.01-		112072	14	120						
		01.01-		112078	14	120						
	[B5254T]	01.98-		111734								
		01.99-		112072	14	120						
V90 2.9	[B6304F]							01.98-	01.98	112013#	12	1.7
<b>PASSENGER CARS AO</b>												
740 2.0 GLE	[B19E]							08.83-	07.84	111054	12	1.1
740 2.0 Turbo	[B200ET]	05.85-	07.86	111085	14	55		08.85-	07.92	111489	12	1.4
740 2.3 Turbo	[B230FT]							09.89-	08.91	111489	12	1.4
760 2.3 Turbo	[B230FT]							09.87-	08.90	111489	12	1.4
850 2.0 Turbo	[B5204T2]	01.91-	08.97	112557	14	120		09.93-	07.97	112818	12	1.4
	[B5204T2]	01.96-	07.97	111734								
850 2.3 T5 R	[B5234T2]							04.96-	10.96	112818	12	1.4
850 2.3 T5R	[B5234T2]							04.96-	10.96	112818	12	1.4
850 2.3 Turbo R	[B5234T5]	06.95-	10.97	112557	14	120		06.95-	10.97	112818	12	1.4
	[B5234T5]	06.95-	07.97	111734								
850 2.4 GLE	[B5254T]	09.96-	07.97	112557	14	120		09.93-	10.97	112818	12	1.4
	[B5254T]	09.96-	07.97	111734								
940 2.0	[B200G]							09.90-	09.93	111489	12	1.4
940 2.0 GL	[B204E]							09.90-	04.92	111489	12	1.4
940 2.3	[B230GK]	06.95-	05.97	113865	14	90		10.94-	05.97	111489	12	1.4
960 2.0	[B200F]	09.91-	08.97	112815	14	80						
960 2.3 Turbo	[B230FT]							09.90-	08.93	111489	12	1.4
S 60 2.4 AWD	[B5244T5]	04.04-	07.04	113272	14	140						
S40 1.8								06.01-	08.03	113605	12	1.1
								06.01-	08.03	112080	12	1.4
								AT 06.01-	08.03	113299#	12	1.1
S40 2.0	[B4204S3]							03.06-		113906	12	1.2
S60 2.3 T5	[B5234T7]	11.00-	09.02	112072	14	120						
		11.00-	09.02	113272	14	140						
S70 2.3 T5 GLT AWD	[B5234T3]	01.97-	07.98	111734				01.97-	07.98	113178	12	1.4
	[B5234T3]	08.98-	07.00	112072	14	120						
S70 2.3 T5 R AWD	[B5234T2]	08.98-	07.00	112072	14	120		01.97-	07.98	113178	12	1.4
S70 2.3 T5 Sport AWD	[B5234T4]	07.97-	07.98	111734				01.97-	07.98	113178	12	1.4

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VOLVO Continued

S70 2.4 T5 Sport AWD	[B5254T]	08.98- 04.99	112072	14	120				
S80 2.0 TDI	[D4204T]					02.08-	113911	12	2.2
S80 2.4 LTP	[B5244T4]	06.04- 07.06	112072	14	120	06.04- 07.06	112818	12	1.4
	[B5244T4]	06.04- 07.06	112078	14	120				
		06.04- 07.06	113272	14	140				
V70 2.4		03.00- 09.03	112072	14	120				
		03.00- 09.03	113272	14	140				
V70 2.5 R Sport	[B5254T4]	03.03- 07.04	112072	14	120				
		03.03- 07.07	113272	14	140				
<b>TRUCKS EU</b>									
8700 12.1	[DH12D340]	01.99-	114212	28	110				
	[DH12D380]	01.99-	114212	28	110				
	[DH12E340]	01.99-	114212	28	110				
	[DH12E380]	01.99-	114212	28	110				
9700 12.1	[DH12D340]	04.01-	111746	28	90	04.01-	113830	24	5.5
		04.01-	112343	28	140				
		10.01-	114212	28	110				
	[DH12D380]	04.01-	114212	28	110	10.01-	113830	24	5.5
		10.01-	111746	28	90				
		10.01-	112343	28	140				
	[DH12D420]	04.01-	114212	28	110				
		10.01-	111746	28	90				
		10.01-	112343	28	140				
	[DH12E460]	10.07-	114212	28	110				
9900 12.1	[DH12D420]	10.01-	114212	28	110				
B 10L	[THD130K]	01.95-	111976#	28	180				
B 10M	[DH10A]	01.95-	111976#	28	180				
	[TD102]	01.82- 01.93	111808	28	120				
B 12 12.0	[TD122FH]	01.92- 10.95	111658	28	55	01.92- 10.95	110207	24	5.4
		01.92-	112019#	28	180				
		01.92- 10.95	112345	28	55				
		01.92- 10.95	112784	28	45				
		01.92- 10.95	112803	28	80				
	[TD122FL]	01.92- 10.95	111658	28	55	01.92- 10.95	110207	24	5.4
		01.92- 10.95	112345	28	55				
		01.92- 10.95	112784	28	45				
		01.92- 10.95	112803	28	80				
	[TD123ES]	01.92- 10.95	111658	28	55	01.92- 10.95	110207	24	5.4
		01.92- 10.95	112345	28	55				
		01.92- 10.95	112803	28	80				
B 12 12.1	[D12A420]	10.95-	111631	28	60				
	[D12C420]	02.06-	114212	28	110				
	[D12D420]	02.06-	114212	28	110				
	[DH12D340]	02.06-	114212	28	110				
	[DH12E340]	02.06-	114212	28	110				
	[DH12E380]	02.06-	114212	28	110				
	[DH12E420]	02.06-	114212	28	110				
	[DH12E460]	02.06-	114212	28	110				
B 12	[D12]	01.95-	111976#	28	180				
B 7TL	[D7C]								
B10M 9.6	[THD100DA]						110208	24	5.4
	[THD100DC]						110208	24	5.4
	[THD100DD]						110208	24	5.4
	[THD100EA]						110208	24	5.4
F 10/260 9.6	[TD100G]	02.82- 06.85	110112	28	40	02.82- 06.85	110207	24	5.4
		02.82- 06.85	111528	28	55				
		02.82- 06.85	112742	14	90				
		11.83- 06.85	113477	28	55				
	[TD100GA]	02.82- 06.85	110112	28	40				
		02.82- 06.85	111528	28	55				
		02.82- 06.85	112742	14	90				
		11.83- 06.85	113477	28	55				
	[TD101G]	02.82- 06.85	110112	28	40	02.82- 06.85	110207	24	5.4
		02.82- 06.85	111528	28	55				
		01.83- 06.85	113477	28	55				
F 10/280 9.6	[TD100B]	08.77- 02.82	110112	28	40	08.77- 02.82	110205	24	6.5
F 10/300 9.6	[TD101F]	10.83- 12.86	110112	28	40	10.83- 05.88	110207	24	5.4
		10.83- 12.86	111528	28	55				
		11.83- 01.86	113477	28	55				
		01.86- 01.88	112113	28	60				
		02.86- 05.88	111658	28	55				
		02.86- 05.88	112345	28	55				
		02.86- 05.88	112784	28	45				
	[TD101FA]	10.83- 01.86	110112	28	40	10.83- 05.88	110207	24	5.4
		10.83- 12.86	111528	28	55				
		11.83- 01.86	113477	28	55				
		01.86- 01.88	112113	28	60				
		02.86- 05.88	111658	28	55				
		02.86- 05.88	112345	28	55				
		02.86- 05.88	112784	28	45				
F 10/320 9.6	[TD102F]	10.87- 12.94	111528	28	55	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28	55				
		10.87- 12.94	112345	28	55				
		10.87- 12.94	112784	28	45				
	[TD102FBQ]	10.87- 12.94	111528	28	55	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28	55				
		10.87- 12.94	112345	28	55				
		10.87- 12.94	112784	28	45				
	[TD102FDQ]	10.87- 12.94	111528	28	55	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28	55				
		10.87- 12.94	112345	28	55				
		10.87- 12.94	112784	28	45				
	[TD102FF]	10.87- 12.94	111528	28	55	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28	55				
		10.87- 12.94	112345	28	55				
		10.87- 12.94	112784	28	45				
	[TD102FL]	10.87- 12.94	111528	28	55	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28	55				
		10.87- 12.94	112345	28	55				
		10.87- 12.94	112784	28	45				
	[TD102FM]	10.87- 12.94	111528	28	55	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28	55				
		10.87- 12.94	112345	28	55				
		10.87- 12.94	112784	28	45				
	[TD103ES]	10.87- 12.94	111528	28	55	10.87- 12.94	110207	24	5.4
		08.91- 12.94	111658	28	55				
		08.91- 12.94	112345	28	55				
		08.91- 12.94	112784	28	45				
F 12/320 12.0	[TD120G]	08.77- 10.84	110112	28	40	08.77- 12.86	110205	24	6.5
		08.77- 12.86	111528	28	55				
		11.83- 10.84	113477	28	55				
	[TD121G]	08.77- 12.87	111528	28	55	08.77- 12.87	110205	24	6.5
		10.83- 01.86	110112	28	40	02.87- 05.88	110207	24	5.4
		11.83- 01.86	113477	28	55				
		01.86- 01.88	112113	28	60				
		02.86- 05.88	111658	28	55				
		02.86- 05.88	112345	28	55				
		02.86- 05.88	112784	28	45				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	[TD121GD]	08.77-12.86 10.83-01.86 11.83-12.94 01.86-01.88 02.86-12.94 02.86-12.94 02.86-12.94 05.88-12.94	111528 110112 113477 112113 111658 112345 112784 112803	28 28 28 28 28 28 28 28	55 40 55 60 55 55 45 80	DR  PR  BO	08.77-01.87 02.87-12.94	110205 110207	24 24	6.5 5.4
F 12/330 12.0	[TD120G]	08.77-10.84 08.77-12.86	110112 111528	28 28	40 55	DR	08.77-12.86	110205	24	6.5
	[TD121G]	08.77-12.86 09.80-01.86 02.86-05.88 02.86-05.88	111528 110112 112345 112784	28 28 28 28	55 40 55 45	DR	02.87-05.88 08.77-01.87	110207 110205	24 24	5.4 6.5
	[TD121GD]	08.77-12.86 10.83-01.86 02.86-12.94 02.86-12.94 05.88-12.94	111528 110112 112345 112784 112803	28 28 28 28 28	55 40 55 45 80	DR	08.77-01.87 02.87-12.94	110205 110207	24 24	6.5 5.4
F 12/360 12.0	[TD122F]	10.87-12.94 10.87-12.94 10.87-12.94 01.88-12.94 01.88-12.94	111658 112345 112784 111528 112803	28 28 28 28 28	55 55 45 55 80	PR BO  DR	10.87-12.94	110207	24	5.4
	[TD122FH]	01.88-12.94 01.90-12.94 01.90-12.94 01.90-12.94 01.90-12.94	111528 111658 112345 112784 112803	28 28 28 28 28	55 55 55 45 80	DR PR BO	01.90-12.94	110207	24	5.4
F 12/370 12.0	[TD121F]	08.77-12.87 10.83-01.86 11.83-01.86 02.86-05.88 02.86-05.88 02.86-05.88	111528 110112 113477 111658 112345 112784	28 28 28 28 28 28	55 40 55 55 55 45	DR  PR PR BO	02.87-05.88 10.83-01.87	110207 110205	24 24	5.4 6.5
F 12/400 12.0	[TD122FL]	01.88-12.94 01.88-12.94 01.88-12.94 01.88-12.94 01.88-12.94	111528 111658 112345 112784 112803	28 28 28 28 28	55 55 55 45 80	DR PR BO	10.87-12.94	110207	24	5.4
	[TD122FS]	10.87-12.94 10.87-12.94 10.87-12.94 10.87-12.94 01.88-12.94	111658 112345 112784 112803 111528	28 28 28 28 28	55 55 45 80 55	PR BO	10.87-12.94	110207	24	5.4
	[TD123ES]	01.88-12.94 01.88-12.94 01.88-12.94 01.88-12.94	111528 111658 112345 112803	28 28 28 28	55 55 55 80	DR PR BO	01.88-12.94	110207	24	5.4
F 12/410 12.0	[TD122FL]	01.88-12.94 01.88-09.01 10.89-09.01 10.89-09.01 10.89-09.01	111528 111658 112345 112784 112803	28 28 28 28 28	55 55 55 45 80	DR PR	01.88-12.94	110207	24	5.4
	[TD122FS]	11.87-09.01 11.87-09.01 11.87-09.01 11.87-09.01 01.88-12.94	111658 112345 112784 112803 111528	28 28 28 28 28	55 55 45 80 55	PR	11.87-12.94	110207	24	5.4
	[TD123ES]	01.88-12.94 01.92-12.94 01.92-12.94 01.92-12.94 01.92-12.94 01.92-12.94	111528 111658 112345 112784 112803 111528	28 28 28 28 28 28	55 55 55 45 80 80	DR	01.88-12.94	110207	24	5.4
F 16/470 16.1	[TD162F]	01.88-12.89 01.88-12.94 01.88-12.94 01.88-12.94 01.88-12.94	111528 111658 112345 112784 112803	28 28 28 28 28	55 55 55 45 80	DR PR BO BO	01.88-12.94 01.88-12.94	110999 111983#	24 24	6.6
	[TD162FJ]	01.88-12.89 01.88-12.94 01.88-12.94 01.88-12.94 01.88-12.94	111528 111658 112345 112784 112803	28 28 28 28 28	55 55 55 45 80	DR PR BO BO	01.88-12.94 01.88-12.94	110999 111983#	24 24	6.6
	[TD162FL]	01.88-12.89 01.88-12.94 01.88-12.94 01.88-12.94 01.88-12.94	111528 111658 112345 112784 112803	28 28 28 28 28	55 55 55 45 80	DR PR BO BO	01.88-12.94 01.88-12.94	110999 111983#	24 24	6.6
	[TD162FS]	01.88-12.89 01.88-12.94 01.88-12.94 01.88-12.94 01.88-12.94	111528 111658 112345 112784 112803	28 28 28 28 28	55 55 55 45 80	DR PR BO BO	01.88-12.94 01.88-12.94	110999 111983#	24 24	6.6
F 16/485 16.1	[TD162F]	10.87-12.94 10.87-12.94 10.87-12.94 10.87-12.94 01.90-12.92	111658 112345 112784 112803 111528	28 28 28 28 28	55 55 45 80 55	PR BO	10.87-12.94 10.87-12.94	111983# 110999	24 24	6.6
	[TD162FJ]	10.87-12.94 10.87-12.94 10.87-12.94 10.87-12.94 01.90-12.92	111658 112345 112784 112803 111528	28 28 28 28 28	55 55 45 80 55	PR BO	10.87-12.94 10.87-12.94	111983# 110999	24 24	6.6
	[TD162FL]	10.87-12.94 10.87-12.94 10.87-12.94 10.87-12.94 01.90-12.92	111658 112345 112784 112803 111528	28 28 28 28 28	55 55 45 80 55	PR BO	10.87-12.94 10.87-12.94	111983# 110999	24 24	6.6
	[TD162FS]	10.87-12.94 10.87-12.94 10.87-12.94 10.87-12.94 01.90-12.92	111658 112345 112784 112803 111528	28 28 28 28 28	55 55 45 80 55	PR BO	10.87-12.94 10.87-12.94	111983# 110999	24 24	6.6
F 16/500 16.1	[TD163ES]	01.92-12.94	112803	28	80		01.92-12.94	110999	24	
F 406 3.9	[D39B]	09.75-02.86	112742	14	90		09.75-02.86	111793	12	3.0
F 408 3.6	[TD40A]	04.78-02.86	112742	14	90		04.78-02.86	111047	12	3.1
F 609 5.5	[D60A]						03.75-01.80	110519	12	3.0
F 610 5.5	[TD60C]	02.80-10.86 02.80-10.80 11.80-01.86 11.80-01.86 01.86- 02.86-10.86 02.86-10.86 02.86-10.86	111528 112742 110112 113477 112113 111658 112345 112784	28 14 28 28 28 28 28 28	55 90 40 55 60 55 55 45	DR  PR  PR BO	11.80-02.86 02.80-10.86	111638 110519	24 12	4.0 3.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VOLVO** Continued

F 611 5.5	[D60A]						09.75- 01.80	110519	12	3.0
	[TD60C]	02.80- 02.86	111528	28	55	DR	02.80- 10.80	110519	12	3.0
		02.80- 10.80	112742	14	90		11.80- 02.86	111638	24	4.0
		11.80- 02.86	110112	28	40					
		11.80- 02.86	112345	28	55					
		11.80- 02.86	113477	28	55	PR				
		01.86- 02.86	111658	28	55					
		01.86- 02.86	112113	28	60					
F 612 5.5	[TD60C]	11.80- 02.86	112345	28	55		04.83- 02.86	111638	24	4.0
		04.83- 02.86	110112	28	40					
		04.83- 02.86	111528	28	55	DR				
		01.86- 02.86	111658	28	55					
		01.86- 02.86	112113	28	60					
		01.86- 02.86	112784	28	45					
F 613 5.5	[TD60A]	09.75- 02.86	111528	28	55	DR	09.75- 11.78	110519	12	3.0
		11.80-	111658	28	55	PR	09.75- 02.86	111638	24	4.0
		11.80-	112345	28	55					
		01.86-	112113	28	60					
		02.86-	112784	28	45					
	[TD60B]	09.75- 02.86	111528	28	55	DR	12.78- 02.86	110519	12	3.0
		03.80- 10.80	112742	14	90		03.79- 02.86	111638	24	4.0
		11.80- 02.86	110112	28	40					
		11.80- 02.86	112345	28	55					
		11.80- 02.86	113477	28	55	PR				
		01.86- 02.86	111658	28	55					
	F 614 5.5	[TD60A]	09.75- 02.86	111528	28	55	DR	09.75- 02.86	111638	24
		11.80-	111658	28	55	PR				
		11.80-	112345	28	55					
		01.86-	112113	28	60					
		02.86-	112784	28	45					
[TD60B]		09.75- 02.86	111528	28	55	DR	09.75- 02.86	111638	24	4.0
		11.80-	111658	28	55	PR	12.78- 02.86	110519	12	3.0
		11.80-	112345	28	55					
F 615 S 5.5	[TD60B]	12.78- 10.81	112742	14	90		12.78- 10.81	110519	12	3.0
		03.79- 01.86	111528	28	55					
		01.86- 02.86	111658	28	55					
		01.86- 02.86	112784	28	45					
F 616 5.5	[TD60B]	02.81- 02.86	110112	28	40		02.81- 02.86	111638	24	4.0
		02.81- 02.86	111528	28	55	DR				
		02.81- 02.86	113477	28	55	PR				
F 617 S 5.5	[TD60B]	12.78- 02.86	112742	14	90		12.78- 02.86	110519	12	3.0
		03.79- 01.86	111528	28	55					
		09.81- 02.86	112345	28	55					
		01.86- 02.86	111658	28	55					
		01.86-	112113	28	60					
		01.86- 02.86	112784	28	45					
F 7 6.7	[TD70F]	08.78- 01.86	110112	28	40		08.78- 05.88	111638	24	4.0
		08.78- 12.85	111528	28	55	DR				
		08.78- 05.88	112742	14	90					
		08.78- 01.86	113477	28	55	PR				
		01.86- 01.88	112113	28	60					
		02.86- 05.88	111658	28	55	PR				
		02.86- 05.88	112345	28	55	BO				
		02.86- 05.88	112784	28	45					
	[TD70FS]	11.83- 12.85	112345	28	55		08.78- 12.85	111638	24	4.0
		01.86- 01.88	112113	28	60					
	[TD70G]	11.83- 12.85	112345	28	55		08.78- 12.85	111638	24	4.0
		01.86- 01.88	112113	28	60					
F 88/260 9.6	[TD100A]	08.65- 06.77	112742	14	90					
F 89 12.0	[TD120A]	10.70- 06.77	112742	14	90					
F 89/330 12.0	[TD120A]	10.70- 06.77	112742	14	90					
FE 240-18 7.1	[D7E240]						05.06-	114323	24	4.0
FE 240-22 7.1	[D7E240]						05.06-	114323	24	4.0
FE 240-26 7.1	[D7E240]						05.06-	114323	24	4.0
FH 12/340 12.1	[D12A340]	08.93-	111631	28	60		08.93-	112116	24	6.6
		08.93-	111746	28	90					
	[D12C340]	08.98-	111631	28	60		08.98-	112116	24	6.6
		08.98-	111746	28	90					
	[D12D340]	12.01-	111631	28	60		08.93- 12.01-	113830	24	5.5
		08.93-	114212	28	110		112116	24	6.6	
		Chas. - 12.01-	111746	28	90					
		A557642, B330019								
	[D12A380]	08.93-	111631	28	60		08.93-	112116	24	6.6
		08.93-	111746	28	90					
	[D12C380]	08.98-	111631	28	60		08.98-	112116	24	6.6
		08.98-	111746	28	90					
[D12D380]	12.01-	111631	28	60		08.93- 12.01-	113830	24	5.5	
	08.93-	114212	28	110		112116	24	6.6		
	Chas. - 12.01-	111746	28	90						
	A557642, B330019									
FH 12/420 12.1	[D12A340]	08.93-	111631	28	60		08.93-	112116	24	6.6
		08.93-	111746	28	90					
	[D12A420]	08.93-	111631	28	60		08.93-	112116	24	6.6
		08.93-	111746	28	90					
	[D12C420]	08.98-	111631	28	60		08.98-	112116	24	6.6
		08.98-	111746	28	90					
	[D12D340]	12.01-	111631	28	60		08.93- 12.01-	113830	24	5.5
		08.93-	114212	28	110		112116	24	6.6	
		Chas. - 12.01-	111746	28	90					
		A557642, B330019								
	[D12D420]	12.01-	111631	28	60		08.93- 12.01-	113830	24	5.5
		08.93-	114212	28	110		112116	24	6.6	
	Chas. - 12.01-	111746	28	90						
	A557642, B330019									
FH 12/460 12.1	[D12C460]	08.98-	111631	28	60		08.98-	112116	24	6.6
		08.98-	111746	28	90					
	[D12D460]	12.01-	111631	28	60		08.98-	113830	24	5.5
		08.98-	114212	28	110					
	Chas. - 12.01-	111746	28	90						
	A557642, B330019									



FH 12/500 12.1	[D12D500]	09.01- 111631 28 60	09.01- 112116 24 6.6	
		09.01- 111746 28 90		09.01- 113830 24 5.5
		09.01- 114212 28 110		
FH 16/470 16.1	[D16A470]	08.93- 12.99 111631 28 60 08.93- 12.99 111746 28 90		
FH 16/520 16.1	[D16A520]	08.93- 111631 28 60	08.93- 111983# 24 6.6	
		08.93- 111746 28 90		
		D16A520		
FH 16/540 16.1	[D16B520]	08.98- 111631 28 60	08.98- 111983# 24 6.6	
		08.98- 111746 28 90		
		D16B520		
FH 16/540 16.1	[D16C550]	08.07- 111631 28 60	08.07- 114310 24 7.0	
		08.07- 111746 28 90		
		08.07- 114212 28 110		
FH 16/550 16.1	[D16G540]	08.07- 111631 28 60	01.03- 114310 24 7.0	
		08.07- 111746 28 90		
		08.07- 114212 28 110		
FH 16/580 16.1	[D16E580]	01.09- 111631 28 60	09.06- 114310 24 7.0	
		01.09- 111746 28 90		
		01.09- 114078 28 120 01.09- 114212 28 110		
FH 16/600 16.1	[D16G600]	09.06- 111631 28 60	09.06- 114310 24 7.0	
		09.06- 111746 28 90		
		09.06- 114212 28 110		
FH 16/610 16.1	[D16C610]		01.03- 114310 24 7.0	
FH 16/660 16.1	[D16E660]	01.07- 111631 28 60	09.06- 114310 24 7.0	
FH 16/700 16.1	[D16G700]	09.06- 111631 28 60	09.06- 114310 24 7.0	
		09.06- 111746 28 90		
		09.06- 114212 28 110		
FH 400 12.8	[D13A400]	09.05- 114212 28 110		
	[D13B400]	09.05- 114212 28 110		
FH 420 12.8	[D13C420]	01.09- 114212 28 110		
FH 440 12.8	[D13A440]	09.05- 114212 28 110		
	[D13B440]	09.05- 114212 28 110		
FH 460 12.8	[D13C460]	01.09- 114212 28 110		
FH 480 12.8	[D13A480]	09.05- 114212 28 110		
FH 500 12.8	[D13B500]	09.07- 114212 28 110		
	[D13C500]	09.07- 114212 28 110		
FH 520 12.8	[D13A520]	09.05- 114212 28 110		
FH 540 12.8	[D13C540]	01.09- 114212 28 110		
FH 550 16.1	[D16C550]		09.05- 114310 24 7.0	
FH 610 16.1	[D16C610]		09.05- 114310 24 7.0	
FL 10/280 9.6	[TD101G]	09.85- 01.86 110112 28 40	09.85- 12.93 110207 24 5.4	
		09.85- 12.90 111528 28 55		
		09.85- 01.86 113477 28 55		
		01.86- 01.93 112113 28 60		
		02.86- 12.93 111658 28 55		
		02.86- 12.93 112345 28 55		
FL 10/320 9.6	[D10A320]	02.95- 111631 28 60	12.95- 110207 24 5.4	
		12.95- 111746 28 90		
FL 10/320 9.6	[D10A320]	02.95- 111631 28 60	12.95- 110207 24 5.4	
		12.95- 111746 28 90		
FL 10/360 9.6	[D10A360]	02.95- 111631 28 60	12.95- 110207 24 5.4	
		12.95- 111746 28 90		
FL 10H/320 9.6	[D10A320]	02.95- 111631 28 60	12.95- 110207 24 5.4	
		12.95- 111746 28 90		
FL 10H/360 9.6	[D10A360]	02.95- 111631 28 60	12.95- 110207 24 5.4	
		12.95- 111746 28 90		
FL 12/380 12.1	[D12A380]	09.95- 111631 28 60	09.95- 112116 24 6.6	
		09.95- 111746 28 90		
FL 12/420 12.1	[D12A420]	09.95- 111631 28 60	09.95- 112116 24 6.6	
		09.95- 111746 28 90		
FL 12H/380 12.1	[D12A380]	09.95- 111631 28 60	09.95- 112116 24 6.6	
		09.95- 111746 28 90		
FL 12H/420 12.1	[D12A420]	09.95- 111631 28 60	09.95- 112116 24 6.6	
		09.95- 111746 28 90		
FL 180 5.5	[D6B]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
FL 220 5.5	[20NE]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
FL 240-12 7.1	[D7E240]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
FL 240-14 7.1	[D7E240]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
FL 240-15 7.1	[D7E240]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
FL 240-16 7.1	[D7E240]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
FL 240-18 7.1	[D7E240]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
FL 250 5.5	[D6B]	05.00- 111658 28 55	05.00- 111638 24 4.0	
		05.00- 112345 28 55		
		05.00- 112784 28 45		
		05.00- 112803 28 80		
		05.00- 112874 14 140		
FL 408 3.6	[TD41G]	02.86- 10.89 111528 28 55	02.86- 10.89 111528 28 55	
		02.86- 10.89 111658 28 55		
		02.86- 10.89 112345 28 55		
		02.86- 10.89 112784 28 45		
		02.86- 10.89 112803 28 80		
FL 608 5.5	[D6A180]	01.91- 111658 28 55	01.91- 111638 24 4.0	
		01.91- 112345 28 55		
		01.91- 112784 28 45		
		01.91- 112803 28 80		
		01.93- 12.99 111528 28 55		
FL 608 5.5	[D6A210]	02.95- 111658 28 55	02.95- 111638 24 4.0	
		02.95- 112345 28 55		
		02.95- 112784 28 45		
		02.95- 112803 28 80		





VOLVO Continued

Application list

	[TD61G]	01.86- 01.94	112113	28	60		03.87-	111638	24	4.0
		03.87-	111658	28	55	PR				
		03.87-	112345	28	55	BO				
		03.87-	112784	28	45					
		03.87-	112803	28	80					
	[TD61GA]	01.86- 01.94	112113	28	60		09.86-	111638	24	4.0
		09.86-	111658	28	55	PR				
		09.86-	112345	28	55	BO				
		09.86-	112784	28	45					
		09.86-	112803	28	80					
	[TD63E]	01.91-	111658	28	55	PR	01.91-	111638	24	4.0
		01.91-	112345	28	55	BO				
		01.91-	112784	28	45					
		01.91-	112803	28	80					
	[TD63ES]	01.93- 12.99	111528	28	55	DR	01.93-	111638	24	4.0
		01.93-	111658	28	55	PR				
		01.93-	112345	28	55	BO				
		01.93-	112784	28	45					
		01.93-	112803	28	80					
FL 610 5.5	[TD61G]	09.85- 11.94	111658	28	55	PR	09.85- 11.94	111638	24	4.0
		09.85- 11.94	112345	28	55					
		09.85- 11.94	112784	28	45					
		09.85- 11.94	112803	28	80					
FL 611 5.5	[D6A180]	09.85- 03.00	111528	28	55	DR	02.95-	111638	24	4.0
		02.95-	111658	28	55	PR				
		02.95-	112345	28	55	BO				
		02.95-	112784	28	45					
		02.95-	112803	28	80					
	[D6A210]	12.94-	111658	28	55	PR	12.94-	111638	24	4.0
		12.94-	112345	28	55	BO				
		12.94-	112784	28	45					
		12.94-	112803	28	80					
	[TD61G]	09.85- 01.86	110112	28	40		09.85- 12.94	111638	24	4.0
		09.85- 11.94	111528	28	55	DR				
		09.85- 12.94	112803	28	80					
		09.85- 01.86	113477	28	55	PR				
		02.86- 12.94	111658	28	55	PR				
		02.86- 12.94	112345	28	55	BO				
		02.86- 12.94	112784	28	45					
		02.86- 12.94	112803	28	80					
	[TD61GA]	09.85- 11.94	111528	28	55	DR	09.86- 12.94	111638	24	4.0
		09.86- 12.94	111658	28	55	PR				
		09.86- 12.94	112345	28	55	BO				
		09.86- 12.94	112784	28	45					
		09.86- 12.94	112803	28	80					
	[TD61GC]	09.85- 03.00	111528	28	55	DR	01.90-	111638	24	4.0
		01.90-	111658	28	55	PR				
		01.90-	112345	28	55	BO				
		01.90-	112784	28	45					
		01.90-	112803	28	80					
	[TD61GS]	09.85- 01.86	110112	28	40		09.85-	111638	24	4.0
		09.85- 03.00	111528	28	55	DR				
		09.85-	112803	28	80					
		09.85- 01.86	113477	28	55	PR				
		02.86-	111658	28	55	PR				
		02.86-	112345	28	55	BO				
		02.86-	112784	28	45					
		02.86-	112803	28	80					
	[TD63E]	09.85- 03.00	111528	28	55	DR	01.90-	111638	24	4.0
		01.90-	111658	28	55	PR				
		01.90-	112345	28	55	BO				
		01.90-	112784	28	45					
		01.90-	112803	28	80					
	[TD63ES]	12.94-	111658	28	55	PR	12.94-	111638	24	4.0
		12.94-	112345	28	55	BO				
		12.94-	112784	28	45					
		12.94-	112803	28	80					
FL 612 5.5	[D6A180]	09.85- 12.99	111528	28	55	DR	02.95-	111638	24	4.0
		02.95-	111658	28	55	PR				
		02.95-	112345	28	55	BO				
		02.95-	112784	28	45					
		02.95-	112803	28	80					
	[D6A210]	11.91- 12.99	111528	28	55	DR	02.95-	111638	24	4.0
		02.95-	111658	28	55	PR				
		02.95-	112345	28	55	BO				
		02.95-	112784	28	45					
		02.95-	112803	28	80					
	[D6A230]	12.95-	111658	28	55	PR	12.95-	111638	24	4.0
		12.95-	112345	28	55	BO				
		12.95-	112784	28	45					
		12.95-	112803	28	80					
	[D6A250]	12.95-	111658	28	55	PR	12.95-	111638	24	4.0
		12.95-	112345	28	55	BO				
		12.95-	112784	28	45					
		12.95-	112803	28	80					
	[TD61GC]	09.85- 12.99	111528	28	55	DR	01.90-	111638	24	4.0
		01.90-	111658	28	55	PR				
		01.90-	112345	28	55	BO				
		01.90-	112784	28	45					
		01.90-	112803	28	80					
	[TD61GS]	09.85- 01.86	110112	28	40		09.85-	111638	24	4.0
		09.85- 12.99	111528	28	55	DR				
		09.85-	112803	28	80					
		09.85- 01.86	113477	28	55	PR				
		02.86-	111658	28	55	PR				
		02.86-	112345	28	55	BO				
		02.86-	112784	28	45					
		02.86-	112803	28	80					
	[TD63E]	09.85- 12.99	111528	28	55	DR	01.90-	111638	24	4.0
		01.90-	111658	28	55	PR				
		01.90-	112345	28	55	BO				
		01.90-	112784	28	45					
		01.90-	112803	28	80					
	[TD63ES]	11.91- 12.99	111528	28	55	DR	11.91-	111638	24	4.0
		11.91-	111658	28	55	PR				
		11.91-	112345	28	55	BO				
		11.91-	112784	28	45					
		11.91-	112803	28	80					
FL 614 5.5	[D6A180]	09.85- 03.00	111528	28	55	DR	02.95-	111638	24	4.0
		09.85-	112757	28	55					
		02.95-	111658	28	55	PR				
		02.95-	112345	28	55	BO				
		02.95-	112784	28	45					
		02.95-	112803	28	80					
	[D6A210]	09.85- 03.00	111528	28	55	DR	02.95-	111638	24	4.0
		09.85-	112757	28	55					
		02.95-	111658	28	55	PR				
		02.95-	112345	28	55	BO				
		02.95-	112784	28	45					
		02.95-	112803	28	80					



[D6A230]	09.85-	112757	28	55		12.95-	111638	24	4.0
	12.95- 03.00	111528	28	55	DR				
	12.95-	111658	28	55	PR				
	12.95-	112345	28	55	BO				
	12.95-	112784	28	45					
	12.95-	112803	28	80					
[D6A250]	09.85-	112757	28	55		12.95-	111638	24	4.0
	12.95- 03.00	111528	28	55	DR				
	12.95-	111658	28	55	PR				
	12.95-	112345	28	55	BO				
	12.95-	112784	28	45					
	12.95-	112803	28	80					
[TD61F]	09.85- 01.86	110112	28	40		09.85-	111638	24	4.0
	09.85- 03.00	111528	28	55	DR				
	09.85-	112757	28	55					
	09.85-	112803	28	80					
	09.85- 01.86	113477	28	55	PR				
	02.86-	111658	28	55	PR				
	02.86-	112345	28	55	BO				
	02.86-	112784	28	45					
[TD61GC]	09.85- 03.00	111528	28	55	DR	01.90-	111638	24	4.0
	09.85-	112757	28	55					
	01.90-	111658	28	55	PR				
	01.90-	112345	28	55	BO				
	01.90-	112784	28	45					
	01.90-	112803	28	80					
[TD61GS]	09.85- 01.86	110112	28	40		09.85-	111638	24	4.0
	09.85- 03.00	111528	28	55	DR				
	09.85- 01.86	112757	28	55	BO				
	09.85-	112803	28	80					
	09.85- 01.86	113477	28	55	PR				
	02.86-	111658	28	55	PR				
	02.86-	112345	28	55	BO				
	02.86-	112784	28	45					
[TD63E]	09.85- 03.00	111528	28	55	DR	01.90-	111638	24	4.0
	09.85-	112757	28	55					
	01.90-	111658	28	55	PR				
	01.90-	112345	28	55	BO				
	01.90-	112784	28	45					
	01.90-	112803	28	80					
[TD63ES]	09.85- 03.00	111528	28	55	DR	01.90-	111638	24	4.0
	09.85-	112757	28	55					
	01.90-	111658	28	55	PR				
	01.90-	112345	28	55	BO				
	01.90-	112784	28	45					
	01.90-	112803	28	80					
FL 615 5.5	11.91- 03.00	111528	28	55	DR	02.95-	111638	24	4.0
	02.95-	111658	28	55	PR				
	02.95-	112345	28	55	BO				
	02.95-	112784	28	45					
	02.95-	112803	28	80					
[D6A210]	11.91- 03.00	111528	28	55	DR	11.91-	111638	24	4.0
	02.95-	111658	28	55	PR				
	02.95-	112345	28	55	BO				
	02.95-	112784	28	45					
	02.95-	112803	28	80					
[D6A230]	12.95- 03.00	111528	28	55	DR	12.95-	111638	24	4.0
	12.95-	111658	28	55	PR				
	12.95-	112345	28	55	BO				
	12.95-	112784	28	45					
	12.95-	112803	28	80					
[D6A250]	12.95- 03.00	111528	28	55	DR	12.95-	111638	24	4.0
	12.95-	111658	28	55	PR				
	12.95-	112345	28	55	BO				
	12.95-	112784	28	45					
	12.95-	112803	28	80					
[TD63E]	11.91- 03.00	111528	28	55	DR	11.91-	111638	24	4.0
	11.91-	111658	28	55	PR				
	11.91-	112345	28	55	BO				
	11.91-	112784	28	45					
	11.91-	112803	28	80					
[TD63ES]	11.91- 03.00	111528	28	55	DR	11.91-	111638	24	4.0
	11.91-	111658	28	55	PR				
	11.91-	112345	28	55	BO				
	11.91-	112784	28	45					
	11.91-	112803	28	80					
FL 618 5.5	11.91- 03.00	111528	28	55	DR	02.95-	111638	24	4.0
	02.95-	111658	28	55	PR				
	02.95-	112345	28	55	BO				
	02.95-	112784	28	45					
	02.95-	112803	28	80					
[D6A210]	11.91- 03.00	111528	28	55	DR	02.95-	111638	24	4.0
	02.95-	111658	28	55	PR				
	02.95-	112345	28	55	BO				
	02.95-	112784	28	45					
	02.95-	112803	28	80					
[D6A230]	12.95- 03.00	111528	28	55	DR	12.95-	111638	24	4.0
	12.95-	111658	28	55	PR				
	12.95-	112345	28	55	BO				
	12.95-	112784	28	45					
	12.95-	112803	28	80					
[D6A250]	12.95- 03.00	111528	28	55	DR	12.95-	111638	24	4.0
	12.95-	111658	28	55	PR				
	12.95-	112345	28	55	BO				
	12.95-	112784	28	45					
	12.95-	112803	28	80					
[TD63E]	11.91- 03.00	111528	28	55	DR	11.91-	111638	24	4.0
	11.91-	111658	28	55	PR				
	11.91-	112345	28	55	BO				
	11.91-	112784	28	45					
	11.91-	112803	28	80					
[TD63ES]	11.91- 03.00	111528	28	55	DR	11.91-	111638	24	4.0
	11.91-	111658	28	55	PR				
	11.91-	112345	28	55	BO				
	11.91-	112784	28	45					
	11.91-	112803	28	80					
FL 619 5.5	09.85- 11.94	111658	28	55	PR	09.85- 11.94	111638	24	4.0
	09.85- 11.94	112345	28	55					
	09.85- 11.94	112784	28	45					
	09.85- 11.94	112803	28	80					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





FS 718/260 6.7	[D7B230]	09.94- 03.96	111658	28	55	PR	09.94- 03.96	110980	24	5.4	
		09.94- 03.96	112345	28	55	BO					
		09.94- 03.96	112784	28	45						
		09.94- 03.96	112803	28	80						
[D7B260]	09.94- 03.96	111528	28	55	DR	09.94- 03.96	110980	24	5.4		
	09.94- 03.96	111658	28	55	PR						
	09.94- 03.96	112345	28	55	BO						
	09.94- 03.96	112784	28	45							
N 7 6.7	[TD70ES]	08.78- 11.87	112345	28	55		11.74- 07.78	110519	12	3.0	
		08.78- 11.87	112784	28	45						
		11.78- 01.86	111528	28	55						
		01.86- 01.87	112113	28	60						
NH 12/380 12.1	[D12C380]	05.99-	111746	28	90		05.99-	112116	24	6.6	
NH 12/420 12.1	[D12C420]	05.99-	111746	28	90		05.99-	112116	24	6.6	
Various Models			113002	14	135		06.61- 12.65	111217	12	3.0	
							01.80-	110550	24	4.0	
			113001	14	110						
		01.90- 01.95	113432	14	145/160						
		01.89- 01.97	112996	14	115/130						
		114359	14	170							
<b>TRUCKS US</b>											
Various Models	[Cummins]						Cummins ISX 01.00- 01.07	113829			
							01.94- 01.04	112089	12		
		01.96- 01.04	113004#	14	135		VED 12 01.96- 01.07	113915	12		
			113002	14	135				112494	24	4.0
							Only B-series / F-series 03.75- 12.97	110519	12	3.0	
			113001	14	110		Caterpillar C.. 01.94- 01.00	113829			
		01.89- 12.93	112994	14	100						
		01.90- 01.95	113432	14	145/160						
		01.94- 01.95	112264	14	105						
		01.83- 01.86	112260	14	80						
			111972#	28	115						
		12.94	111232	14	115						
		01.89-	113740	14	160						
		01.94-	113739	14	130						
		01.00- 01.07	113579	14	145						
		01.83- 01.88	112262	14	90						
		01.89- 01.97	112996	14	115/130						
		01.89- 12.93	112993	14	130						
			112998	14	85						
<b>INDUSTRY</b>											
EC 150 C Excavator		01.97-	111658	28	55						
EC130C	[TD40GDE]							112037	24	4.0	
EC340	[TD103KAE]						01.01-	111046	24	6.6	
EC380	[TD103KAE]						01.01-	111046	24	6.6	
EW130C	[TD40GDE]							112037	24	4.0	
Excavator Diesel	[mitsubishi Equipped]		114079	14	40						
L50	[TD40GFE]						01.93- 01.95	112037	24	4.0	
Various Models								114393	24	7.5	
<b>Volvo BM</b>											
<b>AGRICULTURE</b>											
861 5.5	[TD60B]						09.79- 07.86	113482	12	3.0	
2650 5.5	[TD60B]	05.79- 06.82	112742	14	90		05.79- 06.82	113482	12	3.0	
2654 5.5	[TD60B]	05.79- 06.82	112742	14	90		05.79- 06.82	113482	12	3.0	
A20 6.7							08.86- 08.01	113850	24	5.4	
L 120 6.7		01.87- 01.02	113477	28	55						
		01.87-	112113	28	60						
L 160		01.87- 01.02	113477	28	55		01.87- 12.90	110207	24	5.4	
		01.87-	112113	28	60						
L 70 4.5	[TD45B]	01.87-	111528	28	55						
		01.91-	112113	28	60						
L 90 5.5	[TD61GB]	11.91-	113477	28	55						
		01.91-	112113	28	60						
		11.91- 01.94	113477	28	55						
LM 621 4.0 Diesel	[D42A]						09.70- 06.78	112132	24	4.0	
LM 641 4.0 Diesel	[D42A]						09.70- 06.78	112132	24	4.0	
LM 841 5.0 Diesel	[D50B]						04.72- 05.75	112132	24	4.0	
LM 845 5.0 Diesel	[D50B]						01.71- 12.73	112132	24	4.0	
LM 846 5.0 Diesel	[D50B]						05.72- 12.75	112132	24	4.0	
SM 868 5.0	[D50B]						08.70- 10.74	113482	12	3.0	
SM 980 5.0	[TD50B]						11.71- 06.76	113482	12	3.0	
T 650 4.0	[D42A]						02.70- 06.82	113482	12	3.0	
T 700 4.0	[TD42]						06.76- 06.82	113482	12	3.0	
T350 Diesel							01.61- 08.64	110537	12	3.6	
T800 Diesel	[D50A]		112310	14	55		01.67- 12.75	111217	12	3.0	
							01.67- 01.75	110537	12	3.6	
T810 Diesel	[TD50A]		112310	14	55		01.69- 01.75	110537	12	3.6	
							03.69- 12.75	111217	12	3.0	
T814 Diesel	[TD50A]		112310	14	55		01.69- 01.75	110537	12	3.6	
<b>INDUSTRY</b>											
DR861			111624#	14	45						
<b>MOTORS</b>											
Engine Diesel	[D45]						06.83-	112132	24	4.0	
<b>Volvo Penta</b>											
<b>MARINE</b>											
Engine 0.4	[2001]	01.91-	111397	14	45		01.91-	111404	12	1.1	
Engine 0.7	[MD7B]	06.81- 07.83	110127	14	70		06.81- 07.83	111209	12	1.1	
Engine 0.9	[2002]	06.83- 01.93	111397	14	45		06.83- 01.93	111404	12	1.1	
Engine 1.1	[MD11]	07.75- 06.83	111397	14	45		07.75- 06.83	111209	12	1.1	
			110127	14	70						
Engine 1.3	[2003]	06.83- 01.93	111397	14	45		06.83- 01.93	111404	12	1.1	
Engine 1.7	[MD17]	09.75- 06.84	111397	14	45						
			110127	14	70						
			110048	14	35		05.71- 10.75	113705	12	1.7	
Engine 2.0	[AQ130]		110048	14	35		01.70- 12.77	111054	12	1.1	
Engine 2.3	[AQ140]		110048	14	35		11.75- 12.79	111054	12	1.1	
	[AQ145]	03.79- 12.85	111397	14	45		03.79- 12.85	111054	12	1.1	
			113631	14	90						
Engine 2.3	[AQ131]						01.87-	111404	12	1.1	
Engine 2.4	[TAMD30]	01.83- 06.86	111397	14	45						
	[TMD30]	01.83- 06.86	111397	14	45						
Engine 3.0	[AQ170]		110048	14	35		01.70- 12.78	111054	12	1.1	
Engine 3.5	[TMD40]	01.77- 01.86	111528	28	55						
		01.77- 01.86	112108#	28	35						
		02.77- 06.86	111397	14	45						
Engine 3.6	[TMD41B]	01.86- 12.97	111397	14	45		01.86- 12.97	111047	12	3.1	
Engine 5.0	[AQ200]	01.70-	110127	14	70						
		01.70-	111397	14	45						
			110127	14	70						
Engine 5.1	[TMD50]	10.96-	110048	14	35						
		10.96-	110127	14	70						
			112108#	28	35						

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

**VOLVO PENTA** *Continued*

Engine 5.5	[TAMD60]	10.76-10.86	110112	28	40	10.76-	110538	12	3.6
		10.86-	112784	28	45				
	[TD60.]	01.82-06.86	110112	28	40	01.82-06.86	112507	24	5.4
Engine 5.7	[AC290]	01.86-	112784	28	45	01.82-06.86	111218	24	5.4
Engine 6.7	[ACD70]	03.71-	110127	14	70	03.71-06.82	111218	24	5.4
			110048	14	35	03.71-	110538	12	3.6
	[TAMD72]	07.91-	111658	28	55				
Engine 9.6	[TMD70]	12.72-	110048	14	35	12.72-	110538	12	3.6
		12.72-	110127	14	70	12.72-	111218	24	5.4
		12.72-	112108#	28	35				
	[TMD100]	01.70-01.85	112108#	28	35				
Engine		01.72-05.85	110175	28	100				
		01.72-05.85	110176	28	175				
			112110	28	45				
	[AQ100]		110048	14	35				
			110052	28	40				
			112108#	28	35				
			113477	28	55				
	[AQ120]		110048	14	35				
			110127	14	70				
			111397	14	45				
Engine			113631	14	90				
	[AQ165]		110048	14	35				
	[AQ21]		110048	14	35				
	[KAD32P]		111397	14	45				
	[KAD44P]		111397	14	45				
	[MD2010]	01.93-	111397	14	45				
	[MD2020]	01.93-	111397	14	45				
	[MD2030]	01.93-	111397	14	45	01.93-	110552	12	1.2
	[MD2040]	01.93-	111397	14	45	01.93-	111300	12	1.4
	[TMD22P]	01.97-	111397	14	45				
Engine	[D1-13]	01.05-	113971	14	115				
	[D1-20]	01.05-	113971	14	115				
	[D1-30]	01.05-	113971	14	115				
	[D2-40]	01.05-	113971	14	115				
	[D2-55]	01.05-	113971	14	115				
	[D4-250]	01.05-	113971	14	115				
	[D6-310]	01.05-	113971	14	115				
	[D6-435]	01.05-	113971	14	115				
	[KAD43DP]					01.97-	113207	12	2.8
	Various Models			113382	14	60	01.70-06.84	111219	24
			113477	28	55				PL
			110175	28	100				
			110048	14	35	01.97-	112232	12	2.4
			110176	28	175				
			113631	14	90				

**VW**

**PASSENGER CARS EU**

181 1.5	[H]					AT 09.69-07.70	111099	12	0.7
						09.69-07.70	110363	12	0.7
181 1.6	[AG]					08.70-03.73	110363	12	0.7
411 1.7	[V]					AT 08.69-07.73	111099	12	0.7
						08.69-07.73	110363	12	0.7
	[Z]					AT 08.69-07.73	111099	12	0.7
						08.69-07.73	110363	12	0.7
411 1.7 E	[W]					AT 08.69-07.72	111099	12	0.7
						08.69-07.72	110363	12	0.7
412 1.7	[W]					AT 08.69-07.72	111099	12	0.7
						08.69-07.72	110363	12	0.7
412 1.8 E	[AN]					AT 08.73-07.74	111099	12	0.7
						08.73-07.74	110363	12	0.7
	[AT]					AT 08.73-07.74	111099	12	0.7
						08.73-07.74	110363	12	0.7
1500 1.5	[K]					AT 08.69-07.73	111099	12	0.7
						08.69-07.73	110363	12	0.7
1600 1.5	[K]					AT 08.67-07.73	111099	12	0.7
						08.66-07.73	110363	12	0.7
1600 1.6	[T]					AT 08.67-07.73	111099	12	0.7
						08.66-07.73	110363	12	0.7
	[U]					AT 08.67-07.73	111099	12	0.7
						08.66-07.73	110363	12	0.7
1600 1.6 TL	[T]					AT 08.67-07.73	111099	12	0.7
						08.66-07.73	110363	12	0.7
	[U]					AT 08.67-07.73	111099	12	0.7
						08.66-07.73	110363	12	0.7
Bora 1.4 16V	[AHW]	10.98-	111989	14	90	Stationscar 09.01-05.05	111909	12	1.1
	[BCA]	09.01-	112075	14	70	09.01-05.05	111909	12	1.1
	[AXP]	05.00-10.01	112075	14	70	05.00-05.05	111909	12	1.1
	[AHW]	10.98-	112075	14	70				
		AC 10.98-	111989	14	90				
	[AKO]	09.98-05.00	111989	14	90				
		09.98-05.00	112075	14	70				
	[APE]	01.99-05.00	111989	14	90				
		01.99-05.00	112075	14	70				
	[AXP]	05.00-10.01	111989	14	90				
	AC 09.01-	111989	14	90					
	[BCA]	10.01-	111989	14	90				
		AC 09.01-	111989	14	90				
Bora 1.6	[BAD]	01.02-05.05	113875	14	110	01.02-	113515	12	0.9
	[BFO]	08.00-05.05	112075	14	70	08.00-05.05	111909	12	1.1
	[AVU]	08.00-05.05	112075	14	70	08.00-05.05	111909	12	1.1
	[AEH]	09.98-	111989	14	90	10.98-06.01	111909	12	1.1
		09.98-	112075	14	70				
	[AKL]	09.98-	111989	14	90	09.98-	111909	12	1.1
		09.98-05.05	112002	14	120				
		09.98-	112075	14	70				
	[APF]	05.99-	111989	14	90	05.99-09.00	111909	12	1.1
		05.99-	112075	14	70				
	[ATN]	08.99-05.00	111989	14	90	08.99-05.00	111909	12	1.1
		08.99-05.00	112075	14	70				
		Chas. 1J-X-000001-08.99-05.00	111989	14	90				
		[AVU]	08.00-	111989	14	90			
	[AWB]	08.00-	112002	14	120				
					06.02-10.04	111909	12	1.1	
					06.02-10.04	112005	12	1.1	
Bora 1.6 16V	[ATN]	11.99-05.00	111989	14	90	08.99-05.00	111909	12	1.1
	[AUS]	02.00-10.00	111989	14	90	05.00-10.00	111909	12	1.1
	[AZD]	02.00-11.01	112273	14	70	09.00-11.01	111909	12	1.1
	[BCB]	02.00-	111989	14	90	11.01-	111909	12	1.1
	[ATN]	11.99-05.00	112075	14	70				
		Chas. 1J-X-000 001-11.99-05.00	111989	14	90				
		[AUS]	02.00-10.00	112075	14	70			
		05.00-10.00	112274	14	90				



	[AZD]	02.00-	111989	14	90				
		02.00- 11.01	112075	14	70				
		AC 02.00- 11.01	111989	14	90				
	[BCB]	02.00-	112273	14	70				
		11.01- 05.05	112075	14	70				
		11.01- 05.05	112274	14	90				
		AC 02.00- 05.05	111989	14	90				
Bora 1.8	[ARX]	05.00-	112005			5SP 05.00- 05.05	112005	12	1.1
		09.00- 04.01	111989	14	90	4SP 05.00- 05.05	111909	12	1.1
		09.00- 04.01	112075	14	70	6SP 05.00- 05.05	112429	12	2.0
	[AUM]	09.00- 05.05	111989	14	90	09.00- 05.05	112005	12	1.1
	[AGN]	10.98- 10.00	111989	14	90	10.98- 04.01	112005	12	1.1
		10.98- 10.00	112075	14	70				
	[AUM]	09.00- 05.05	112002	14	120				
		09.00- 05.05	112075	14	70				
	[BAF]					08.01-	112005	12	1.1
Bora 1.8 4 Motion	[AGN]	02.99- 10.00	111989	14	90	02.99- 10.00	112005	12	1.1
		02.99- 10.00	112075	14	70				
Bora 1.8 Turbo	[AUQ]	05.02- 05.03	112075	14	70	03.02- 05.05	114174	12	1.1
	[AGU]	05.00- 05.05	111989	14	90	AT 05.00-	111909	12	1.1
		09.00- 05.05	112002	14	120	6SP 05.00- 04.01	112429	12	2.0
	[ARX]	09.00- 04.01	112075	14	70	09.00-	112429	12	2.0
	[AUM]	05.00- 05.05	111989	14	90	5SP 09.00-	112005	12	1.1
		05.00- 05.05	112002	14	120	AT 09.00-	111909	12	1.1
		05.00- 05.05	112075	14	70	6SP 09.00- 04.01	112429	12	2.0
	[AGU]	05.00- 05.05	112075	14	70	5SP 05.00- 05.05	112005	12	1.1
	[ARX]	09.00- 04.01	111989	14	90				
		09.00- 04.01	112002	14	120				
	[AUQ]	05.02- 05.03	111989	14	90				
		05.02- 05.03	112002	14	120				
		AC 05.02- 05.03	111989	14	90				
	[BAE]					08.01-	111909	12	1.1
						08.01-	112005	12	1.1
Bora 1.9 SDI	[AOM]	10.98-	112002	14	120				
		10.98-	112079	14	90				
		10.98-	113340	14	70				
Bora 1.9 TDI	[AJM]	05.99- 05.00	112075	14	70	12.98- 06.01	112429	12	2.0
	[ASZ]	11.00-	112002	14	120	11.00- 02.05	112429	12	2.0
	[ATD]	09.00-	112002	14	120	6SP 01.00- 05.05	112429	12	2.0
	[AXR]					6SP 05.01- 05.05	112429	12	2.0
	[AUY]	01.00- 04.01	112075	14	70	12.98- 06.01	112429	12	2.0
	[ARL]	10.00-	112002	14	120	09.00- 05.05	112429	12	2.0
	[AGR]	10.98-	112002	14	120	10.98-	111900	12	1.8
		10.98-	112079	14	90	AT 10.98-	112286	12	1.7
		10.98-	113340	14	70	05.99-	112429	12	2.0
	[AHF]	10.98-	112002	14	120	10.98-	111900	12	1.8
		10.98-	112079	14	90	AT 10.98-	112286	12	1.7
		10.98-	113340	14	70				
	[AJM]	12.98- 05.00	112002	14	120				
		12.98- 05.00	112079	14	90				
		12.98- 05.00	113340	14	70				
	[ALH]	10.98-	112002	14	120	AT 10.98-	112286	12	1.7
		10.98-	112079	14	90	10.98-	111900	12	1.8
		10.98-	113340	14	70				
	[ARL]	10.00-	112079	14	90				
		10.00-	113340	14	70				
	[ASV]					AT 10.98-	112286	12	1.7
	[ASZ]	11.00-	112079	14	90				
		11.00-	113340	14	70				
	[ATD]	09.00-	112079	14	90				
		09.00-	113340	14	70				
	[AUY]	01.00- 04.01	112002	14	120				
		01.00- 04.01	112079	14	90				
		01.00- 04.01	113340	14	70				
Bora 1.9 TDI 4 Motion	[ALH]	02.99-	112079	14	90	02.99-	111900	12	1.8
		02.99-	113340	14	70	AT 02.99-	112286	12	1.7
	[ARL]	10.00-	113340	14	70	09.00- 05.05	112429	12	2.0
	[ASZ]	01.01-	113340	14	70	11.00- 02.05	112429	12	2.0
	[ATD]	09.00-	113340	14	70	6SP 05.00- 05.05	112429	12	2.0
	[AGR]					AT 02.99-	112286	12	1.7
	[AJM]	02.99- 05.00	112002	14	120	02.99- 02.00	112429	12	2.0
		02.99- 05.00	112079	14	90				
		02.99- 05.00	113340	14	70				
	[ALH]	02.99-	112002	14	120				
	[ARL]	10.00-	112002	14	120				
		10.00-	112079	14	90				
		05.02-	111880						
	[ASZ]	01.01-	112002	14	120				
		01.01-	112079	14	90				
	[ATD]	09.00-	112002	14	120				
		09.00-	112079	14	90				
	[AUY]	05.00- 04.01	112002	14	120	05.99- 06.01	112429	12	2.0
		05.00- 04.01	112079	14	90				
		05.00- 04.01	113340	14	70				
Bora 2.0	[APK]	11.98-	111989	14	90	AT 11.98-	111909	12	1.1
		11.98-	112075	14	70	11.98-	112005	12	1.1
	[AQY]	09.98-	111989	14	90	09.98-	112005	12	1.1
		09.98-	112075	14	70	AT 09.98-	111909	12	1.1
	[AZG]	05.01- 05.05	111989	14	90	05.99-	112005	12	1.1
		05.01- 05.05	112002	14	120	AT 05.99-	111909	12	1.1
		05.01- 05.05	112075	14	70				
	[AZH]	04.00- 06.01	111989	14	90	04.00- 06.01	112005	12	1.1
		04.00- 06.01	112002	14	120	AT 04.00-	111909	12	1.1
		04.00- 06.01	112075	14	70				
	[AZJ]	05.01- 05.05	111989	14	90	05.01- 05.05	112005	12	1.1
		05.01- 05.05	112002	14	120	AT 05.01- 05.05	111909	12	1.1
		05.01- 05.05	112075	14	70				
Bora 2.0 4 Motion	[AZH]	04.00- 05.05	112002	14	120	04.00- 05.05	112005	12	1.1
		04.00- 05.05	112075	14	70	AT 04.00- 05.05	111909	12	1.1
	[AZJ]	04.00- 06.01	112002	14	120	04.00-	111909	12	1.1
	[AZH]	04.00- 05.05	111989	14	90				
	[AZJ]	04.00- 06.01	111989	14	90				
		04.00- 06.01	112075	14	70				
Bora 2.3 V5	[AQN]	10.00-	113340	14	70	6SP 10.00- 05.05	112429	12	2.0
		10.00-	112079	14	90	5SP 10.00- 05.05	112166	12	1.7
	[AGZ]	08.97-	112002	14	120	AT 08.97-	112286	12	1.7
		08.97-	112079	14	90				
		08.97-	113340	14	70				
	[AQN]	10.00-	112002	14	120				
		10.00-	112429						
Bora 2.3 V5 4 Motion	[AGZ]	12.98-	113340	14	70	AT 12.98-	112286	12	1.7
	[AQN]	10.00-	112002	14	120	5SP 10.00- 05.05	112166	12	1.7
		10.00-	112079	14	90	6SP 10.00- 05.05	112429	12	2.0
	[AGZ]	12.98-	112002	14	120				
		12.98-	112079	14	90				
	[AQN]	10.00-	113340	14	70				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

VW Continued

Bora 2.8 V6 4 Motion	[AUE]	01.00-01.00	112079	14	90	01.00-04.01	112429	12	2.0
			113340	14	70	AT 05.00-05.05	114308	12	1.4
	[ADP]	03.99-	112079	14	90	05.99-05.00	112429	12	2.0
	[ADP]	03.99-	113340	14	70				
	[AUE]	01.00-	112002	14	120				
	[BDE]					05.01-05.05	112429	12	2.0
Caddy 1.2 CDTI 16V	[CBZA]					09.10-	114175	12	1.1
Caddy 1.4	[BCA]	03.04-05.06	113874	14	110	03.04-	114175	12	1.1
	[AUA]	08.00-01.04	112274	14	90	08.00-	112307	12	1.1
	[AKV]	PS 11.97-09.00	111353	14	70	11.95-01.04	112307	12	1.1
	[APO]	PS 12.97-01.04	111353	14	70	11.95-01.04	112307	12	1.1
	[AUD]	09.00-01.04	112274	14	90	11.95-01.04	112307	12	1.1
	[AEX]	PS 11.95-12.97	111353	14	70	11.95-01.04	112307	12	1.1
	[AEX]	11.95-12.97	111352	14	70				
		11.95-	111479	14	90				
		PS 11.95-12.97	111477	14	90				
	[AKV]	11.97-09.00	111352	14	70				
		PS 11.97-09.00	111477	14	90				
	[APO]	12.97-01.04	111352	14	70				
		PS 12.97-01.04	111477	14	90				
	[AUA]	08.00-01.04	113340	14	70				
	[AUD]	09.00-01.04	112273	14	70				
Caddy 1.4 16V	[BUD]					05.06-	114175	12	1.1
	[AUA]	08.00-01.04	112274	14	90	08.00-01.04	112307	12	1.1
	[AUA]	08.00-01.04	112273	14	70				
Caddy 1.5	[JB]	08.82-07.83	111652	14	65				
		08.82-07.83	111653	14	45				
Caddy 1.6	[BGU]	04.04-05.05	113992	14	140	04.04-05.05	114175	12	1.1
	[BSF]	03.05-	113992	14	140	03.05-	114175	12	1.1
	[BSE]	06.05-	113992	14	140	06.05-	114175	12	1.1
	[TF]	11.95-05.97	111479	14	90	11.95-	111059	12	0.9
						11.95-05.97	111748	12	1.1
	[AEE]	06.97-09.00	111353	14	70	06.97-09.00	112307	12	1.1
	[TF]	11.95-05.97	111352	14	70	11.95-05.97	111909	12	1.1
		AC 11.95-05.97	111477	14	90	11.95-	112236	12	1.8
	[AEE]	06.97-09.00	111477	14	90	10.97-	111214	12	1.0
		AC 06.97-	111477	14	90				
	[BGU]	04.04-	111989	14	90				
	[EM]	08.82-07.85	111652	14	65	01.83-07.92	111059	12	0.9
		08.82-07.83	111653	14	45				
	[EW]	01.83-07.92	110360	14	45	AT 08.83-07.92	110864	12	1.0
		08.83-07.85	110919	14	70	08.86-07.92	111059	12	0.9
		08.83-07.85	111652	14	65				
		08.83-07.85	111653	14	45				
		08.85-07.92	112149	14	65				
Caddy 1.6 Diesel	[JK]	08.82-07.85	110360	14	45	08.82-07.90	110996	12	1.7
		08.82-07.85	110913	14	70				
		08.85-07.90	111287	14	70				
	[ME]	08.82-07.92	110360	14	45	08.82-07.92	111060	12	1.7
						08.82-03.90	110996	12	1.7
Caddy 1.6 TDI	[CAYD]	08.10-	113992	14	140				
	[CAYE]	08.10-	113992	14	140				
Caddy 1.7 SDI	[AHB]	07.96-09.98	111884	14	90	07.96-09.00	112286	12	1.7
	[AHB]	07.96-09.00	111828	14	120				
		Chas. 9K-X-515716-							
		Chas. -9K-X-515715	07.96-09.98	111884	14	90			
Caddy 1.8	[JH]	08.85-07.92	112149	14	65	08.85-07.92	113844	12	0.95
		11.95-	111477	14	90	11.95-02.02	111059	12	0.9
Caddy 1.9 Diesel	[IY]	11.95-01.04	111352	14	70				
	[IY]	AC 11.95-01.04	111477	14	90				
	[AEF]	06.96-12.00	111820	14	90	10.97-	112236	12	1.8
		06.96-12.00	111825	14	70				
Caddy 1.9 SDI	[AYQ]	09.00-01.04	112079	14	90	09.00-	112307	12	1.1
	[AEY]	09.00-01.04	113340	14	70	11.95-01.04	112286	12	1.7
		Chas. 9K-X-515716-				11.95-01.04	112286	12	1.7
	[AEY]	11.95-09.00	111353	14	70				
		11.95-09.00	111477	14	90				
		11.95-09.00	111828	14	120				
		Chas. -9K-X-515715	11.95-08.98	111884	14	90			
	[AYQ]	09.00-01.04	112002	14	120				
Caddy 1.9 TDI	[BJB]	04.04-	113992	14	140	04.04-	113842	12	1.7
	[BSU]	09.05-	113992	14	140	09.05-	113842	12	1.7
	[BLS]	06.05-	113992	14	140	04.04-	113842	12	1.7
	[ALH]	09.00-01.04	113340	14	70	10.96-01.04	111900	12	1.8
	[ALE]	Chas. 9K-X-515716-				10.96-01.04	111900	12	1.8
	[AHU]	10.96-09.98	111884	14	90	10.96-01.04	111900	12	1.8
	[IZ]					09.97-01.04	111900	12	1.8
	[AHU]	10.96-09.00	111828	14	120				
		Chas. 9K-X-515716-							
		Chas. -9K-X-515715	10.96-08.98	111884	14	90			
	[ALE]	09.97-09.00	111828	14	120				
		Chas. -9K-X-515715	09.97-09.00	111884	14	90			
	[ALH]	09.00-01.04	112002	14	120				
		09.00-01.04	112079	14	90				
		09.97-	111828	14	120				
		09.97-09.98	111884	14	90				
Caddy 1.9 TDI 4 Motion	[BJB]	05.08-	113992	14	140				
	[BLS]	05.08-	113992	14	140				
Caddy 2.0 SDI	[BDJ]	03.04-	113992	14	140	03.04-	114173	12	1.7
	[BST]	06.05-	113992	14	140	03.04-	114173	12	1.7
Caddy 2.0 TDI 16V	[CFHC]	11.10-	113992	14	140	11.10-	113841	12	1.7
Caddy 2.0 TDI 16V 4motion	[CFHC]					11.10-	113841	12	1.7
Caddy 2.0 TDI	[CFHE]	11.10-	113992	14	140	11.10-	113841	12	1.7
	[BMM]	09.07-	113992	14	140				
Caddy 2.0 TDI 4motion	[CFHE]	12.10-	113992	14	140	12.10-	113841	12	1.7
	[CFHF]	08.10-	113992	14	140	08.10-	113841	12	1.7
Caddy 2.0 EcoFuel	[BSX]	04.06-	113992	14	140	04.06-	114175	12	1.1
Caravelle 1.8	[PD]	12.90-07.92	112149	14	65	12.90-07.92	112306	12	1.1
Corrado 1.8 16V	[KR]	09.88-07.89	111160	14	65	08.91-07.92	111749	12	1.1
						AT 09.88-07.91	111059	12	0.9
		08.89-07.92	112750	14	90	09.88-07.90	111751	12	1.0
						AT 08.91-07.92	111748	12	1.1
						08.90-07.91	112131	12	1.4
		AC							



Corrado 1.8 G60	[PG]	09.88- 09.93	112797	14	90		AT 09.88- 07.91	111059	12	0.9
		09.88- 09.93	112796#	14	65		08.91- 09.93	111749	12	1.1
Corrado 2.0 i 16V	[9A]	08.91- 07.95	112750	14	90		AT 08.91- 07.95	111748	12	1.1
							08.91- 07.95	111749	12	1.1
							04.93- 09.94	111749	12	1.1
Corrado 2.0 i	[2E]	04.93- 09.94	111352	14	70					
		04.93- 09.94	111479	14	90					
		AC 04.93- 09.94	111477	14	90					
Corrado 2.0 i	[ADY]	10.94- 07.95	111352	14	70		10.94- 07.95	111749	12	1.1
		10.94- 07.95	111479	14	90		AT 10.94- 07.95	111748	12	1.1
							08.91-	112166	12	1.7
Corrado 2.9 VR6	[ABV]	08.91- 07.92	111353	14	70		AT 08.91-	112286	12	1.7
		08.91- 06.95	111733#	14	120					
		08.92-	111477	14	90					
Corrado 2.9 VR6	[ABV]	08.92-	111477	14	90					
		08.92- 06.95	111991	14	120					
		06.95-	112709	14	120					
Crafter 30-35 2.5 TDI	[BJJ]	04.06-	114109	14	180		04.06-	114317	12	2.0
		04.06-	114109	14	180		04.06-	114317	12	2.0
		04.06-	114109	14	180		04.06-	114317	12	2.0
		04.06-	114109	14	180		04.06-	114317	12	2.0
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	113992	14	140					
Crafter 30-50 2.5 TDI	[BJJ]	04.06-	114109	14	180		04.06-	114317	12	2.0
		04.06-	114109	14	180		04.06-	114317	12	2.0
		04.06-	114109	14	180		04.06-	114317	12	2.0
		04.06-	113992	14	140		04.06-	114317	12	2.0
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	113992	14	140					
		04.06-	114109	14	180					
Derby 0.9	[HA]	02.77- 07.79	111083#	14	70		02.77- 09.81	110339	12	0.8
		08.79- 09.81	110913	14	70					
		02.80- 09.81	110360	14	45					
Derby 1.0	[GL]	10.81- 12.84	110360	14	45		10.81- 07.84	110339	12	0.8
		10.81- 12.84	110913	14	70		08.84- 12.84	111058	12	0.8
		08.83- 12.84	111083#	14	70					
Derby 1.1	[HB]	02.77- 07.83	110360	14	45		01.77- 07.83	110339	12	0.8
		02.77- 01.80	111083#	14	70					
		08.79- 07.83	110913	14	70					
Derby 1.3	[HJ]	01.77- 07.79	111083#	14	70		01.77- 09.81	110339	12	0.8
		09.82- 12.84	110360	14	45		08.84- 12.84	111058	12	0.8
		09.82- 12.84	110913	14	70		09.82- 07.84	110339	12	0.8
	[GK]	08.83- 12.84	111083#	14	70					
		02.77- 07.79	111083#	14	70		01.77- 07.83	110339	12	0.8
		08.79- 07.83	110913	14	70					
	[HH]	02.80- 07.83	110360	14	45					
		01.77- 09.81	110360	14	45					
		08.79- 09.81	110913	14	70					
	[HJ]	01.77- 09.81	110360	14	45					
08.79- 09.81		110913	14	70						
08.83- 12.84		110360	14	45		08.84- 12.84	111058	12	0.8	
[HK]	08.83- 12.84	110913	14	70		08.83- 07.84	110339	12	0.8	
	08.83- 12.84	111083#	14	70						
Eos 1.4 TSi	[CAVD]						05.08-	114163	12	1.1
							05.08-	114163	12	1.1
EOS 1.6 FSi	[BLF]					06.06-	114175	12	1.1	
EOS 2.0 FSi	[BVY]	03.06-	113992	14	140		03.06-	114163	12	1.1
EOS 2.0 TFSi	[BWA]	03.06-	113992	14	140					
EOS 2.0 TFSi	[CAWB]	03.06-	113992	14	140		03.06-	113509	12	1.7
Eos 2.0 TSi	[CCZB]					03.06-	113773	12	1.1	
Eos 2.0 TDi 16V	[CBAB]	05.08-	113992	14	140		11.09-	113773	12	1.1
EOS 2.0 TDi	[BNM]	06.06-	113992	14	140		06.06-	113841	12	1.7
EOS 3.2 FSi	[BUB]	06.06-	113992	14	140		06.06-	113509	12	1.7
Fox 1.2	[BMD]	04.05-	113880	14	70		04.05-	113515	12	0.9
		09.10-	113253	14	90		09.10-	113515	12	0.9
		04.05-	113253	14	90					
Fox 1.4	[BKR]	AC 04.05-	112274	14	90		04.05-	113515	12	0.9
		04.05-	113870	14	70					
Fox 1.4 TDi	[BNM]	04.05-	112079	14	90		04.05-	112438	12	2.0
		04.05-	113873	14	70					
Golf 1.2 TSi	[CBZA]					05.10-	114175	12	1.1	
Golf 1.6 Bi-Fuel Plus	[CHGA]	05.09-	113992	14	140					
Golf 1.6 TDi Plus	[CAYB]	02.09-	113992	14	140					
Golf VI 1.2 TSi	[CBZA]						05.10-	114175	12	1.1
							06.11-	114175	12	1.1
Golf VI 1.4 TSi	[CAVD]	06.11-	113861	14	110		06.11-	114163	12	1.1
		06.11-	113861	14	110					
Golf VI 1.6 MultiFuel	[CMXA]	07.09-	113861	14	110		07.09-	114176	12	1.0
		07.09-	113992	14	140					
		06.11-	113992	14	140					
Golf VI 1.6 TDi	[CAVC]	06.11-	113992	14	140					
Golf I 1.1	[FA]	04.74- 07.79	110360	14	45		04.74- 07.79	110339	12	0.8
		04.74- 07.79	111083#	14	70					
		08.74- 07.79	111083#	14	70		08.74- 07.79	110339	12	0.8
		04.74- 07.83	110360	14	45		08.81- 07.83	111058	12	0.8
		04.74- 07.79	111083#	14	70					
Golf I 1.3	[GF]	09.79- 07.83	110913	14	70		06.74- 07.83	110864	12	1.0
		02.80- 07.83	110360	14	45		08.79- 07.83	110339	12	0.8
		08.82- 07.83	110360	14	45		08.82- 07.83	111058	12	0.8
		08.82- 07.83	110913	14	70		08.82- 07.83	110339	12	0.8
Golf I 1.5	[FH]	04.74- 12.75	110357	14	55		AT 04.74- 12.75	110864	12	1.0
		04.74- 11.83	110726#	14	35		AT 04.74- 07.83	110864	12	1.0
		08.76- 07.79	110357	14	55					
		08.77- 07.83	110360	14	45					
		08.79- 07.83	111652	14	65					
Golf I 1.5 Diesel	[CK]	08.79- 07.83	111653	14	45					
		08.77- 07.79	111083#	14	70		08.77- 07.80	110777	12	1.5
		08.79- 07.80	110360	14	45					
Golf I 1.6	[EG]	01.79- 07.82	110357	14	55		AT 08.79- 07.82	110864	12	1.0
		01.79- 07.82	111652	14	65					
		01.79- 07.82	111653	14	45					
	[EW]	08.83- 07.85	110919	14	70		AT 08.83- 12.92	110864	12	1.0
							08.83- 12.92	111059	12	0.9
		08.85- 12.92	112149	14	65					
	[FN]	08.75- 07.77	110357	14	55		08.75- 02.84	111059	12	0.9
		08.75- 07.77	110726#	14	35					
		08.75- 07.77	110357	14	55		AT 08.75- 07.77	110864	12	1.0
	[FP]	08.75- 07.77	110357	14	55					
		08.75- 07.77	110726#	14	35					
		08.75- 07.77	110357	14	55		AT 08.75- 07.77	110864	12	1.0
[FT]	08.75- 07.77	110357	14	55		AT 08.75- 07.77	110864	12	1.0	
						04.86- 02.90	111059	12	0.9	
	04.86- 07.90	112149	14	65		AT 04.86- 02.90	110864	12	1.0	
[RE]										





Application list

VW Continued

Golf I 1.6 GTI	[EG]	08.76- 07.79	110357	14	55				
		08.76- 07.82	110726#	14	35				
		09.77- 07.82	111652	14	65				
		09.77- 07.82	111653	14	45				
Golf I 1.6 Diesel	[CR]	08.80- 07.83	110360	14	45	08.80- 07.83	110996	12 1.7	
		08.80- 07.83	110913	14	70				
		08.80- 07.83	110360	14	45	08.80- 07.83	110996	12 1.7	
Golf I 1.6 TD	[CY]	08.80- 07.83	110913	14	70				
		03.82- 07.83	110360	14	45	03.82- 07.83	110996	12 1.7	
Golf I 1.8	[ZH]	08.89- 08.93	112149	14	65	08.89- 08.93	111059	12 0.9	
	[DX]	08.82- 07.83	111652	14	65		08.83- 07.92	111059	12 0.9
		08.82- 07.83	111653	14	45				
		08.83- 07.85	110919	14	70				
		08.85- 07.92	112149	14	65				
		01.84- 07.85	110919	14	70	01.84- 07.87	111059	12 0.9	
	[EX]	08.85- 07.87	112149	14	65				
		08.83- 07.85	110919	14	70	08.83- 12.92	111059	12 0.9	
						08.83- 09.92	113844	12 0.95	
	[JH]	08.85- 12.92	112149	14	65				
		08.83- 07.85	110919	14	70	08.83- 04.93	113844	12 0.95	
						08.83- 08.93	111059	12 0.9	
						AT 08.83- 08.93	110864	12 1.0	
	[PB]	08.85- 08.93	112149	14	65	01.87- 07.92	111059	12 0.9	
Golf I 1.8 GTI	[DX]	08.82- 07.83	111652	14	65				
		08.82- 07.83	111653	14	45				
	[JJ]	08.82- 07.83	111652	14	65	08.82- 12.83	111748	12 1.1	
		08.82- 07.83	111653	14	45				
Golf II 1.0	[GN]	08.83- 07.85	111074#	14	70	08.83- 07.85	111058	12 0.8	
		08.85- 10.91	111288	14	65	08.85- 10.91	111058	12 0.8	
Golf II 1.3	[GT]	08.85- 10.91	112763	14	55				
		07.85- 07.87	112763	14	55	08.83- 07.87	111058	12 0.8	
	[2G]	01.89- 07.92	111288	14	65	01.89- 07.92	111058	12 0.8	
		01.89- 07.92	112763	14	55				
	[GT]	08.83- 07.85	111074#	14	70				
		07.85- 07.87	111288	14	65				
	[HK]	08.83- 07.85	111074#	14	70	08.83- 07.85	111058	12 0.8	
	[MH]	08.85- 12.88	111288	14	65	08.85- 12.88	111058	12 0.8	
		08.85- 12.88	112763	14	55				
	[NU]	08.85- 12.87	111288	14	65	08.85- 12.87	111058	12 0.8	
08.85- 12.87		112763	14	55					
[NZ]	08.85- 07.92	111288	14	65	08.85- 07.92	111058	12 0.8		
	08.85- 07.92	112763	14	55					
Golf II 1.6	[ABN]	08.83- 07.85	110919	14	70	08.83- 08.91	111748	12 1.1	
		08.85- 07.88	112149	14	65				
	[EZ]	08.83- 07.85	110919	14	70	08.83- 08.91	111059	12 0.9	
						AT 08.83- 08.91	110864	12 1.0	
	[HM]	08.85- 08.91	112149	14	65				
		08.83- 07.85	110919	14	70	08.83- 07.88	111059	12 0.9	
					AT 08.83- 07.88	110864	12 1.0		
	[PN]	08.85- 07.88	112149	14	65				
					AT 08.86- 07.92	110864	12 1.0		
[RF]	10.86- 07.92	112149	14	65	08.86- 07.92	111059	12 0.9		
					AT 02.86- 10.91	110864	12 1.0		
Golf II 1.6 Diesel	[JP]	02.86- 10.91	112149	14	65	02.86- 10.91	111059	12 0.9	
		08.83- 07.85	111074#	14	70	08.83- 07.92	111059	12 0.9	
		08.85- 10.91	110902	14	45				
		08.85- 10.91	111152	14	45				
		08.85- 10.91	111154	14	65				
		08.85- 10.91	111288	14	65				
	[ME]	AC 08.83- 05.84	112729	14	90				
		AC 05.84- 10.91	112234#	14	85	08.83- 07.92	111059	12 0.9	
		05.88- 10.91	110902	14	45	05.88- 10.91	111060	12 1.7	
	Golf II 1.6 TD	[IV]	05.88- 10.91	111152	14	45			
05.88- 10.91			111154	14	65				
05.88- 10.91			111288	14	65				
AC 05.88- 10.91			112234#	14	85				
[JR]		08.89- 07.92	110902	14	45	08.89- 07.92	111060	12 1.7	
		08.89- 07.92	111152	14	45				
		08.89- 07.92	111154	14	65				
		08.89- 07.92	111288	14	65				
		AC 08.89- 07.92	112234#	14	85	08.83- 07.92	111059	12 0.9	
						08.83- 10.91	111060	12 1.7	
		[MF]	08.83- 07.85	111074#	14	70			
			08.85- 10.91	110902	14	45			
		08.85- 10.91	111152	14	45				
		08.85- 10.91	111154	14	65				
[RA]		08.85- 10.91	111288	14	65				
		AC 08.83- 05.84	112729	14	90				
	AC 05.84- 10.91	112234#	14	85	08.83- 07.92	111059	12 0.9		
[SB]	05.88- 10.91	110902	14	45	08.83- 07.92	111059	12 0.9		
	05.88- 10.91	111152	14	45	05.88- 10.91	111060	12 1.7		
Golf II 1.8	[GU]	04.89- 02.90	110902	14	45	04.89- 02.90	111060	12 1.7	
		04.89- 02.90	111152	14	45				
	[SB]	04.89- 02.90	111154	14	65				
		04.89- 02.90	111288	14	65				
		AC 04.89- 02.90	112234#	14	85	04.89- 10.91	111060	12 1.7	
	[RH]	04.89- 10.91	110902	14	45				
		04.89- 10.91	111152	14	45				
	[RP]	04.89- 10.91	111288	14	65				
AC 04.89- 10.91		112234#	14	85					
Golf II 1.8	[GX]	08.83- 07.85	110919	14	70	08.83- 10.91	111059	12 0.9	
						08.84- 10.91	113844	12 0.95	
	[HV]	08.85- 10.91	112149	14	65	08.84- 10.91	113844	12 0.95	
		08.83- 07.85	110919	14	70	08.83- 07.87	111059	12 0.9	
	[RH]	08.85- 07.87	112149	14	65	08.83- 10.91	113844	12 0.95	
						08.86- 07.90	111059	12 0.9	
[RP]	08.86- 07.90	112149	14	65					
	06.83- 07.85	110919	14	70	08.87- 10.91	111748	12 1.1		
	08.85- 10.91	112149	14	65	08.87- 10.91	113844	12 0.95		



Golf II 1.8 Syncro	[1P]	08.88- 07.91	112149	14	65	08.88- 07.91	111059	12	0.9
	[GU]					02.86- 07.91	111059	12	0.9
	[GX]	02.86- 07.91	112149	14	65				
	[RP]	02.86- 07.88	112149	14	65	02.86- 07.88	111059	12	0.9
Golf II 1.8 G60 GTI		08.87- 10.91	112149	14	65	08.87- 07.91	111059	12	0.9
	[PG]	04.90- 07.91	112797	14	90	04.90- 07.90	111751	12	1.0
		04.90- 07.91	112796#	14	65	08.90- 07.91	112131	12	1.4
Golf II 1.8 G60 Syncro	[1H]	01.89- 01.90	112797	14	90	01.89- 01.90	111751	12	1.0
		01.89- 01.90	112796#	14	65	04.90- 07.91	112131	12	1.4
	[PG]	01.90- 07.91	112797	14	90	08.90- 07.91	112131	12	1.4
Golf II 1.8 GTI 16V		01.90- 07.91	112796#	14	65	01.90- 07.90	111751	12	1.0
	[KR]	02.86- 10.91	111160	14	65	02.86- 10.91	111059	12	0.9
		AC							
Golf II 1.8 GTI	[PL]	02.86- 10.91	111160	14	65	02.86- 10.91	111059	12	0.9
		AC							
	[DX]					AT 11.84- 12.92	110864	12	1.0
Golf II 1.8 GTI	[EV]	08.83- 07.85	110919	14	70	08.83- 07.87	111059	12	0.9
		08.85- 07.87	112149	14	65				
	[GZ]	08.83- 07.85	110919	14	70	08.83- 07.87	111059	12	0.9
		08.85- 07.87	112149	14	65				
	[HT]	01.85- 07.85	110919	14	70				
	[PB]	08.85- 10.91	112149	14	65	01.87- 10.91	111059	12	0.9
						08.85- 10.91	111059	12	0.9
	[PF]					01.87- 10.91	113844	12	0.95
	[RD]	08.85- 10.91	112149	14	65	08.85- 10.87	111059	12	0.9
						08.85- 12.87	113844	12	0.95
Golf III 1.4	[ABD]	08.85- 10.87	112149	14	65	08.85- 12.87	113844	12	0.95
		11.91- 07.95	111352	14	70	11.91- 07.92	113483#	12	0.9
		11.91- 07.95	111479	14	90	08.92- 07.95	112307	12	1.1
		PS 11.91- 07.95	111353	14	70	07.95- 12.97	112236	12	1.8
		AC 10.91- 07.95	111733#	14	120	04.94- 07.95	111748	12	1.1
		AC 11.91- 07.95	111353	14	70	03.95-	111059	12	0.9
	[AEX]	07.95- 04.99	111352	14	70	07.95- 04.99	111909	12	1.1
		07.95- 04.99	111479	14	90	07.95- 12.97	112236	12	1.8
		PS 07.95- 04.99	111353	14	70	03.95-	111059	12	0.9
		PS 07.95- 04.99	111477	14	90	11.91- 04.99	111748	12	1.1
	[APQ]	12.97- 05.98	111352	14	70	07.95- 12.97	112236	12	1.8
		12.97- 05.98	111479	14	90	12.97- 05.98	111748	12	1.1
		AC 12.97- 05.98	111353	14	70	12.97- 05.98	111909	12	1.1
	AC 12.97- 05.98	111477	14	90	03.95-	111059	12	0.9	
[ABD]	PS 11.91- 07.95	111477	14	90					
	AC 11.91- 07.95	111477	14	90					
Golf III 1.6	[AEA]	10.94- 12.97	111352	14	70	10.94- 12.97	111909	12	1.1
		10.94- 12.97	111479	14	90	10.94- 12.97	111748	12	1.1
	[ABU]	09.92- 09.94	111479	14	90	09.92- 09.94	112307	12	1.1
	[AEE]	07.95- 12.97	111353	14	70	07.95- 12.97	111909	12	1.1
		07.95- 12.97	111477	14	90	07.95- 12.97	111748	12	1.1
	[ABU]	09.92- 09.94	111352	14	70				
		ACPS 09.92- 09.94	111353	14	70				
		ACPS 09.92- 09.94	111477	14	90				
		AC 09.92- 09.94	111353	14	70				
		AC 09.92- 09.94	111477	14	90				
	[AEA]					10.94- 12.97	112236	12	1.8
	[AEE]					03.95-	111059	12	0.9
						07.95- 12.97	112236	12	1.8
	[AEK]	10.94- 12.95	111352	14	70	10.94- 12.95	111748	12	1.1
		10.94- 12.95	111479	14	90	10.94- 12.95	111909	12	1.1
		PS 07.94- 12.95	111353	14	70	10.94- 12.97	112236	12	1.8
		PS 07.94- 12.95	111477	14	90				
		PS 07.94- 12.95	111733#	14	120				
		AC 07.94- 12.95	111353	14	70				
		AC 07.94- 12.95	111477	14	90				
		AC 07.94- 12.95	111733#	14	120				
	[AFT]	12.95- 02.99	111352	14	70	12.95- 02.99	111748	12	1.1
		12.95- 02.99	111479	14	90	12.95- 05.98	111909	12	1.1
	PS 12.95- 02.99	111353	14	70	12.95- 12.97	112236	12	1.8	
	PS 12.95- 02.99	111477	14	90					
	AC 12.95- 02.99	111353	14	70					
	AC 12.95- 02.99	111477	14	90					
[AKS]	12.95- 02.99	111352	14	70	05.97- 12.97	112236	12	1.8	
	12.95- 12.97	111353	14	70	04.97- 10.00	111909	12	1.1	
	12.95- 02.99	111479	14	90	12.95- 02.99	111748	12	1.1	
	PS 05.97- 02.99	111353	14	70					
	PS 05.97- 02.99	111477	14	90					
	AC 12.95- 02.99	111477	14	90					
	AC 05.97- 02.99	111353	14	70					
Golf III 1.8	[ABS]	07.93- 09.94	111733#	14	120	11.91- 07.95	111748	12	1.1
		AC 11.91- 09.94	111353	14	70	11.91- 07.95	111909	12	1.1
	[AAM]	11.91- 04.99	111352	14	70	11.91- 05.98	111748	12	1.1
	[AAM]	AC 11.91- 04.99	111477	14	90	11.91-	112236	12	1.8
	[ADZ]	10.94- 04.99	111352	14	70	10.94- 12.97	112236	12	1.8
		10.94- 04.99	111479	14	90	10.94- 04.99	111909	12	1.1
		AC 10.94- 04.99	111477	14	90	10.94- 12.97	111748	12	1.1
	[AAM]	11.91- 04.99	111479	14	90	11.91- 04.99	111909	12	1.1
	[ABS]	11.91- 07.95	111352	14	70				
		11.91- 07.95	111479	14	90				
		AC 11.91- 07.95	111477	14	90				
		AC 11.91- 09.94	111733#	14	120				
	[ACC]					11.91- 08.97	111748	12	1.1
						12.94- 12.97	112236	12	1.8
	[ADZ]	10.94- 04.99	111733#	14	120				
		AC 10.94- 04.99	111353	14	70				
		AC 10.94- 12.97	111733#	14	120				
[ANN]					07.93- 04.99	111909	12	1.1	
[ANP]					07.93- 04.99	111909	12	1.1	
[AAM]	07.93- 04.99	111733#	14	120					
	PS 07.92- 12.97	111353	14	70					
	AC 11.91- 04.99	111353	14	70					
	AC 11.91- 12.97	111733#	14	120					
Golf III 1.8 Syncro	[ABS]	01.93- 09.94	111479	14	90	09.93- 07.95	112236	12	1.8
		AC 01.93- 09.94	111477	14	90	01.93- 09.94	111749	12	1.1
	[ADZ]	AC 10.94- 12.97	111353	14	70	10.94- 12.97	112005	12	1.1
		AC 10.94- 12.97	111733#	14	120	10.94- 12.97	111749	12	1.1
	[ABS]	01.93- 09.94	111352	14	70				
		AC 01.93- 09.94	111353	14	70				
		AC 01.93- 09.94	111733#	14	120				
[ADZ]	10.94- 12.97	111352	14	70					
	10.94- 12.97	111479	14	90					
	AC 10.94- 12.97	111477	14	90					



Application list

VW Continued

Golf III 1.9 Diesel	[1Y]	07.93- 04.99	111733#	14	120			ECO 11.91- 04.99	112286	12	1.7
	[1Y]	11.91- 04.99	111352	14	70						
		11.91- 04.99	111479	14	90						
		AC 11.91- 12.97	111353	14	70						
		AC 11.91- 12.97	111477	14	90						
Golf III 1.9 SDI	[AEY]	01.95- 04.99	111880	14	120			01.95- 12.95	111900	12	1.8
		01.95- 12.97	111733#	14	120			01.95-	111751	12	1.0
		04.97-	111353	14	70			01.95-	112286	12	1.7
	[AEY]	01.95-	111988	14	120						
		AC 01.95-	111353	14	70						
Golf III 1.9 TD	[AAZ]	AC 11.91- 04.99	111353	14	70			11.91- 04.99	112286	12	1.7
		AC 11.91- 04.99	111884	14	90			07.96-	111900	12	1.8
	[AAZ]	11.91- 04.99	111352	14	70						
		11.91- 04.99	111479	14	90						
		07.93- 04.99	111733#	14	120						
Golf III 1.9 TDi	[AFN]	03.96- 04.98	111477	14	90			02.96-	111900	12	1.8
	[1Z]	09.93- 07.96	111353	14	70			07.93- 03.94	112133	12	1.7
		09.93- 07.96	111988	14	120			AT 04.94- 07.96	112286	12	1.7
	[AHU]	GPH 08.96- 12.97	111828	14	120			AT 08.96- 02.99	112286	12	1.7
	[1Z]	09.93- 07.96	111477	14	90			04.94- 07.96	111900	12	1.8
	[AHU]	07.96- 02.99	111988	14	120			07.96- 02.99	111900	12	1.8
	[ALE]	05.97- 12.97	111353	14	70			AT 05.97- 12.97	112286	12	1.7
		AC 05.97- 12.97	111884	14	90			05.97- 12.97	111900	12	1.8
	[1Z]							09.93- 12.95	111751	12	1.0
	[AFN]	03.96- 04.98	111353	14	70			AT 02.96-	112286	12	1.7
		03.96-	111988	14	120						
		04.96- 08.99	111828	14	120						
	[AHU]	07.96- 02.99	111353	14	70						
		07.96- 02.99	111477	14	90						
		AC 08.96- 05.98	111828	14	120						
	AC 08.96- 05.98	111884	14	90							
[ALE]	05.97- 12.97	111477	14	90							
	05.97- 12.97	111988	14	120							
	GPH 05.97- 12.97	111828	14	120							
Golf III 1.9 TDi Syncro	[1Z]	08.95- 07.96	111477	14	90			03.95- 07.96	111900	12	1.8
	[AHU]	A21 08.96- 12.97	111828	14	120			07.96-	111900	12	1.8
	[ALE]	05.96-	111353	14	70			05.96-	111900	12	1.8
	[1Z]	08.95- 07.96	111353	14	70						
		08.95- 07.96	111988	14	120						
Golf III 2.0	[2E]	07.93- 09.94	111352	14	70			09.93- 09.94	111909	12	1.1
	[ADY]	10.94- 05.96	111733#	14	120			10.94- 07.95	112236	12	1.8
	[AGG]	AC 07.95- 04.99	111477	14	90			07.95-	112236	12	1.8
	[ADY]	10.94- 05.96	111352	14	70			10.94- 05.96	111909	12	1.1
		10.94- 05.96	111479	14	90			10.94- 05.96	111748	12	1.1
	[AGG]	07.95- 04.99	111352	14	70			07.95- 04.99	111909	12	1.1
		07.95- 04.99	111479	14	90			07.95- 04.99	111748	12	1.1
	[AKR]	04.97- 04.99	111479	14	90			04.97- 04.99	111909	12	1.1
		AC 04.97- 04.99	111477	14	90			04.97- 04.99	111748	12	1.1
	[2E]	07.93- 09.94	111479	14	90			07.93- 09.94	111748	12	1.1
	[2E]	07.93- 09.94	111733#	14	120						
		AC 09.93- 09.94	111353	14	70						
		AC 09.93- 09.94	111477	14	90						
	[ADY]	AC 10.94- 07.95	111353	14	70						
		AC 10.94- 07.95	111477	14	90						
[AGG]	07.95- 04.99	111733#	14	120							
	AC 07.95- 04.99	111353	14	70							
[AKR]	04.97- 04.99	111352	14	70							
	05.97- 04.99	111733#	14	120							
	AC 04.97- 04.99	111353	14	70							
Golf III 2.0 Syncro	[AGG]	08.95- 12.97	111733#	14	120			10.95- 12.97	112005	12	1.1
		AC 08.95- 12.97	111353	14	70			07.95-	111749	12	1.1
	[AGG]	08.95- 12.97	111352	14	70						
		08.95- 12.97	111353	14	70						
		08.95-	111479	14	90						
Golf III 2.0 GTI 16V	[ABF]	08.92- 12.97	111353	14	70			AT 08.92- 12.97	111748	12	1.1
		08.92- 12.97	111477	14	90			08.92- 12.97	111749	12	1.1
		08.92- 12.97	111733#	14	120			08.92- 12.97	112005	12	1.1
	[ABF]							AT 08.92- 12.97	111909	12	1.1
	[2E]	11.91- 09.94	111479	14	90			11.91- 09.94	111748	12	1.1
Golf III 2.0 GTI	[ADY]	AC 10.94- 12.97	111353	14	70			10.94- 12.97	111748	12	1.1
		AC 10.94- 12.97	111733#	14	120			10.94- 12.97	111909	12	1.1
	[AGG]	AC 07.95- 12.97	111353	14	70			07.95- 12.97	111909	12	1.1
		AC 07.95- 12.97	111733#	14	120			07.95- 12.97	111748	12	1.1
	[AKR]	05.97- 12.97	111352	14	70			05.97- 12.97	111909	12	1.1
		05.97- 12.97	111479	14	90			05.97- 12.97	111748	12	1.1
	[2E]	11.91- 09.94	111352	14	70						
		AC 11.91- 09.94	111353	14	70						
		AC 11.91- 09.94	111477	14	90						
		AC 11.91- 09.94	111733#	14	120						
	[ADY]	10.94- 12.97	111352	14	70						
		10.94- 12.97	111479	14	90						
		AC 10.94- 12.97	111477	14	90						
	[AGG]	07.95- 12.97	111352	14	70						
		07.95- 12.97	111479	14	90						
	AC 07.95- 12.97	111477	14	90							
[AKR]	AC 05.97- 12.97	111353	14	70							
	AC 05.97- 12.97	111477	14	90							
	AC 05.97- 12.97	111733#	14	120							
Golf III 2.8 VR6	[AAA]	01.95- 12.97	112709	14	120			AT 01.92- 12.97	112286	12	1.7
	[AAA]							01.92- 12.97	112166	12	1.7
		04.92- 12.94	111991	14	120						
Golf III 2.9 VR6	[ABV]							07.95-	112166	12	1.7
		07.95-	112709	14	120						
Golf III 2.9 VR6 Syncro	[ABV]							01.94-	112166	12	1.7
	[ABV]										
		01.94- 12.94	111733#	14	120						
	01.95- 12.97	112709	14	120							



Golf IV 1.4 16V	[AHW]	AC 05.98-	111989	14	90	10.97-	111909	12	1.1
	[AKQ]	AC 05.98- 05.00	111989	14	90	10.97- 05.00	111909	12	1.1
	[APE]	05.99- 05.00	112075	14	70	10.97- 05.00	111909	12	1.1
	[AXP]	05.00-	111989	14	90	10.97-	111909	12	1.1
	[AHW]	10.97- 05.98	111820	14	90				
		10.97- 05.98	111878	14	70				
		05.98-	111989	14	90				
		05.98-	112075	14	70				
		AC 05.98-	112075	14	70				
	[AKQ]	10.97- 05.98	111820	14	90				
		10.97- 05.98	111878	14	70				
		05.98- 05.00	111989	14	90				
		05.98- 05.00	112075	14	70				
		AC 05.98- 05.00	112075	14	70				
[APE]	05.99- 05.00	111989	14	90					
	AC 05.99- 05.00	111989	14	90					
	AC 05.99- 05.00	112075	14	70					
[AXP]	05.00-	112075	14	70					
	AC 05.00-	111989	14	90					
	AC 05.00-	112075	14	70					
[BCA]						10.97-	111909	12	1.1
Golf IV 1.6	[AEH]	01.98- 05.98	111820	14	90	01.98-	111909	12	1.1
	[AFT]	AC 06.98-	111353	14	70	06.98-	111909	12	1.1
	[AKL]	05.98-	111989	14	90	10.97-	111909	12	1.1
	[AKS]	06.98-	111352	14	70	05.97- 02.99	112236	12	1.8
		06.98-	111479	14	90	06.98-	111909	12	1.1
	[APF]	05.00- 08.00	112075	14	70	08.97- 02.00	111909	12	1.1
	[AVU]	08.00-	111989	14	90	08.00-	111909	12	1.1
	[AEH]	01.98- 05.98	111878	14	70				
		01.98- 04.01	112002	14	120				
		01.98- 05.98	111857#	14	120				
		05.98-	111989	14	90				
		05.98-	112075	14	70				
	[AFT]	06.98-	111352	14	70				
		06.98-	111479	14	90				
		AC 06.98-	111477	14	90				
	[AKL]	10.97- 05.98	111820	14	90				
		10.97- 05.98	111878	14	70				
		10.97-	112002	14	120				
		10.97- 05.98	111857#	14	120				
		05.98-	112075	14	70				
	[AKS]	AC 06.98-	111353	14	70				
		AC 06.98-	111477	14	90				
	[APF]	05.00- 08.00	111989	14	90				
	05.00- 08.00	112002	14	120					
[AVU]	08.00-	112002	14	120					
	08.00-	112075	14	70					
[AWB]						08.03- 06.05	112286	12	1.7
[BAD]						01.02- 06.05	112034	12	1.7
						01.02-	112435	12	1.1
Golf IV 1.6 16V	[ATN]	11.99-	111989	14	90	11.99-	111909	12	1.1
	[AUS]	05.00-	111989	14	90	05.00-	111909	12	1.1
		05.00-	112273	14	70				
		AC 05.00-	111989	14	90				
	[AZD]	09.00-	111989	14	90	09.00-	111909	12	1.1
		09.00-	112273	14	70				
	AC 09.00-	111989	14	90					
[BCB]	11.01-	112273	14	70	11.01-	111909	12	1.1	
	Chas. 1J-X-000 001- 11.01-	111989	14	90					
	AC 11.01-	111989	14	90					
Golf IV 1.6 FSI	[BAD]	01.02-	113875	14	110	01.02-	112435	12	1.1
Golf IV 1.8	[ADZ]	06.98-	111352	14	70	06.98- 06.02	111909	12	1.1
	[ANN]	06.98-	111479	14	90	06.98- 06.02	111909	12	1.1
	[ANP]	06.98-	111352	14	70	06.98- 06.02	111909	12	1.1
	[AAM]	AC 06.98-	111477	14	90	06.98- 10.00	111909	12	1.1
	[AGN]	08.97-	111820	14	90	AT 10.97-	111909	12	1.1
		08.97-	112075	14	70	08.97-	111748	12	1.1
		08.97-	111857#	14	120	08.97-	111749	12	1.1
	[AGU]	08.97-	112075	14	70	AT 08.97-	111909	12	1.1
		08.97-	111857#	14	120	08.97-	111749	12	1.1
	[AUM]	09.02- 05.03	112002	14	120	6SP 09.00- 05.03	112429	12	2.0
	[ADZ]	06.98-	111479	14	90				
		AC 06.98-	111477	14	90				
	[AGN]	08.97-	111878	14	70				
	[AGU]	08.97-	111820	14	90				
		08.97-	111878	14	70				
	[ANN]	06.98-	111352	14	70				
		AC 06.98-	111477	14	90				
	[ANP]	06.98-	111479	14	90				
		AC 06.98-	111477	14	90				
	[AUM]	09.02- 05.03	111989	14	90				
	[AAM]	06.98-	111352	14	70				
		06.98-	111479	14	90				
	Golf IV 1.8 4 Motion	[AGN]	05.98-	111989	14	90	07.98-	112005	12
[AGN]	05.98-	112075	14	70	AT 05.99-	111909	12	1.1	
Golf IV 1.8 GTI Turbo	[AUG]	06.01-	112002	14	120	AT 08.01- 06.05	114308	12	1.4
		06.01-	112075	14	70	08.01- 06.05	114174	12	1.1
[AUG]	06.01-	111989	14	90					
Golf IV 1.8 Turbo	[AGU]	05.00- 05.03	111989	14	90	5SP 05.00- 05.03	111909	12	1.1
		05.00- 05.03	112002	14	120	6SP 05.00- 05.03	112429	12	2.0
		05.00- 05.03	112075	14	70	AT 05.00-	114308	12	1.4
	[AUM]	09.00- 05.03	111989	14	90	5SP 09.00- 05.03	111909	12	1.1
		09.00- 05.03	112002	14	120	6SP 09.00- 05.03	112429	12	2.0
		09.00- 05.03	112075	14	70				
Golf IV 1.9 SDI	[AGP]	08.97-	112543#	14	90	08.97-	112286	12	1.7
	[AGM]	11.98- 05.04	112079	14	90	08.97-	112286	12	1.7
	[AGP]	08.97-	111353	14	70				
		08.97-	113340	14	70				
		08.97-	113341#	14	70				
		05.99-	112002	14	120				
	05.99-	112079	14	90					
[AOM]									
Golf IV 1.9 TDI		11.98- 05.04	112002	14	120				
	[ALE]	06.98-	111477	14	90	AT 06.98-	112286	12	1.7
		06.98-	111988	14	120	06.98-	111900	12	1.8
	[AUY]	05.99- 07.01	112075	14	70	12.98-	112429	12	2.0
	[AJM]	05.99-	113340	14	70	12.98-	112429	12	2.0
	[AGR]	10.97- 04.98	111820	14	90	10.97-	111900	12	1.8
						AT 10.97-	112286	12	1.7
	[AHF]	08.97- 04.98	111820	14	90	08.97-	111900	12	1.8
		05.98-	112002	14	120	AT 08.97-	112286	12	1.7
	[AHU]	06.98- 06.00	111477	14	90	06.98-	111900	12	1.8
		06.98- 06.00	111988	14	120	AT 06.98-	112286	12	1.7
	[ALH]	05.98-	112002	14	120	AT 10.97-	112286	12	1.7
		05.98-	113340	14	70	10.97-	111900	12	1.8
	[ARL]	10.00-	113340	14	70	05.99- 06.05	112429	12	2.0
[AXR]	09.00-	112002	14	120	09.00-	111900	12	1.8	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





VW Continued

Application list

	[ASZ]	04.01-	112002	14	120						
	[ATD]	09.00-	112002	14	120			04.01- 11.01	112429	12	2.0
		09.00-	112079	14	90			6SP 02.00- 05.04	112429	12	2.0
	[AXR]	09.00-	112079	14	90			09.00-	111900	12	1.8
	[AGR]	09.00-	112079	14	90			6SP 05.01- 05.04	112429	12	2.0
		10.97- 04.98	112543#	14	90						
		10.97- 04.98	113341#	14	70						
		05.98-	112002	14	120						
		05.98-	112079	14	90						
		05.98-	113340	14	70						
	[AHF]	08.97- 04.98	111353	14	70						
		08.97-	112543#	14	90						
		08.97- 04.98	113341#	14	70						
		05.98-	112079	14	90						
		05.98-	113340	14	70						
	[AHU]	06.98- 06.00	111353	14	70						
		AC 04.98- 06.00	111828	14	120						
		AC 06.98- 06.00	111884	14	90						
	[AJM]	05.99-	112002	14	120						
		05.99- 07.01	112075	14	70						
		05.99-	112079	14	90						
	[ALE]	06.98-	111353	14	70						
		AC 06.98-	111828	14	120						
		AC 06.98-	111884	14	90						
	[ALH]	10.97- 04.98	111820	14	90						
		10.97- 04.98	112543#	14	90						
		10.97- 04.98	113341#	14	70						
		05.98-	112079	14	90						
	[ARL]	10.00-	112002	14	120						
		10.00-	112079	14	90						
	[ASV]							08.97- 05.04	112286	12	1.7
	[ASZ]	04.01-	112079	14	90						
		04.01-	113340	14	70						
	[ATD]	09.00-	113340	14	70						
	[AXR]	09.00-	113340	14	70						
Golf IV 1.9 TDI 4 Motion	[AGR]	04.98-	112002	14	120			10.97-	111900	12	1.8
		04.98-	112079	14	90			AT 10.97-	112286	12	1.7
	[ALH]	04.98-	112079	14	90			AT 10.97-	112286	12	1.7
		Chas. -1J-W-200000						10.97-	111900	12	1.8
	[ARL]	10.00-	112079	14	90						
	[ATD]	09.00-	112079	14	90			09.00- 06.05	112429	12	2.0
	[AUJ]	09.99- 06.01	113340	14	70			09.00-	111900	12	1.8
	[AJM]	02.99- 06.01	113340	14	70			09.99- 06.01	112429	12	2.0
	[ATD]	09.00-	113340	14	70			02.99- 06.01	112429	12	2.0
	[ASZ]	04.01-	112079	14	90			6SP 02.00- 06.05	112429	12	2.0
	[AGR]	10.97- 04.98	112543#	14	90			04.01- 11.01	112429	12	2.0
		10.97- 04.98	113341#	14	70						
		04.98-	113340	14	70						
		Chas. 1J-X-000001-07.98- 09.02	111989	14	90						
		Chas. -1J-W-200000									
	[AJM]	02.99- 06.01	112002	14	120						
		02.99- 06.01	112079	14	90						
	[ALH]	10.97-	111989	14	90						
		10.97- 04.98	112543#	14	90						
		10.97- 04.98	113341#	14	70						
		04.98-	112002	14	120						
		04.98-	113340	14	70						
	[ARL]	10.00-	112002	14	120						
		10.00-	113340	14	70						
	[ASZ]	04.01-	112002	14	120						
		04.01-	113340	14	70						
	[ATD]	09.00-	112002	14	120						
	[AUJ]	09.99- 06.01	112002	14	120						
		09.99- 06.01	112079	14	90						
Golf IV 2.0	[AGG]	AC 06.98-	111477	14	90			06.98-	111909	12	1.1
	[AKR]	AC 06.98-	111477	14	90			06.98-	111909	12	1.1
	[ATU]	AC 06.99- 06.00	111477	14	90			06.99- 06.00	111909	12	1.1
	[AWF]	AC 06.00- 06.02	111477	14	90			06.00- 06.02	111909	12	1.1
	[AWG]	AC 06.00- 06.02	111477	14	90			06.00- 06.02	111909	12	1.1
	[APK]	08.98-	111989	14	90			08.98-	112005	12	1.1
		08.98-	112075	14	70			AT 08.98-	111909	12	1.1
	[AOY]	08.98- 05.00	111989	14	90			08.98-	112005	12	1.1
		08.98- 05.00	112075	14	70			AT 08.98-	111909	12	1.1
	[AZG]	05.01- 04.02	111989	14	90			05.01- 04.02	112005	12	1.1
	[AZJ]	04.00-	112002	14	120			05.01-	112005	12	1.1
		07.98- 05.04	112075	14	70			AT 05.01-	111909	12	1.1
	[AGG]	06.98-	111352	14	70						
		06.98-	111479	14	90						
	[AKR]	06.98-	111352	14	70						
		06.98-	111479	14	90						
	[ATU]	06.99- 06.00	111352	14	70						
	[AWF]	06.00- 06.02	111352	14	70						
	[AWG]	06.00- 06.02	111352	14	70						
	[AZG]	05.01- 04.02	112002	14	120						
		05.01- 04.02	112075	14	70						
	[AZJ]	07.98- 05.04	111989	14	90						
Golf IV 2.0 4 Motion	[AZH]	04.00- 06.01	112075	14	70			10.00-	111909	12	1.1
	[AZJ]	05.01- 06.05	112075	14	70			AT 05.01- 06.05	111909	12	1.1
	[AZH]	04.00- 06.01	111989	14	90						
		04.00- 06.01	112002	14	120						
	[AZJ]	05.01- 06.05	111989	14	90						
		05.01- 06.05	112002	14	120						
Golf IV 2.0 Bi-Fuel	[BEH]	AC 05.02-	111989	14	90			02.02-	112005	12	1.1
	[BEH]	05.02-	112002	14	120						
		05.02-	112075	14	70						
Golf IV 2.3 V5	[AGZ]							AT 08.97-	112286	12	1.7
	[AQN]	09.00-	113340	14	70			6SP 09.00-	112429	12	2.0
	[AGZ]										
		05.98-	112002	14	120						
		05.98-	112079	14	90						
		05.98-	113340	14	70						
	[AQN]	09.00-	112002	14	120						
		09.00-	112079	14	90						
Golf IV 2.3 V5 4 Motion	[AGZ]	12.98-	113340	14	70			AT 11.98-	112286	12	1.7
	[AQN]	09.00-	112079	14	90			6SP 09.00-	112429	12	2.0
	[AGZ]	12.98-	112002	14	120						
		12.98-	112079	14	90						
	[AQN]	09.00-	112002	14	120						
		09.00-	113340	14	70						



Golf IV 2.8 V6 4 Motion	[AOP]	05.99- 05.00	113340	14	70	6SP 03.99-	112429	12	2.0
	[AUE]	01.00- 04.01	112079	14	90	AT 03.99- 06.05	114308	12	1.4
		01.00- 04.01	113340	14	70	6SP 03.99- 04.01	112429	12	2.0
	[BDE]	05.01- 06.05	113340	14	70	6SP 03.99-	112429	12	2.0
	[BDE]	05.01- 06.05	112002	14	120	AT 03.99- 06.05	114308	12	1.4
	[AOP]	05.99- 05.00	112002	14	120				
		05.99- 05.00	112079	14	90				
	[AUE]	01.00- 04.01	112002	14	120				
	[BDE]	05.01- 06.05	112079	14	90				
	[BFH]	06.02-	112002	14	120	AT 09.02-	113509	12	1.7
[BFH]	06.02-	112079	14	90					
Golf IV	[SSL]				04.01-	112435	12	1.1	
Golf V 1.2 TSi Plus	[CBZB]				08.09-	114175	12	1.1	
Golf V 1.4	[CAXA]				05.07-	114163	12	1.1	
Golf V 1.4 16V	[BCA]	01.05-	112075	14	70				
		AC 01.05-	111989	14	90				
	[BUD]	05.06-	113874	14	110				
Golf V 1.4 FSi	[BKG]				10.03-	113773	12	1.1	
Golf V 1.4 TSi	[BMY]	05.06-	113861	14	110	05.06-	114163	12	1.1
	[BLG]	11.05-	113861	14	110	11.05-	114163	12	1.1
	[CAVD]					07.08-	114163	12	1.1
	[CAXA]					06.07-	114163	12	1.1
	[BLG]	05.06-	113861	14	110	11.05-	114163	12	1.1
Golf V 1.4 TSi Plus	[BMY]	05.06-	113861	14	110	05.06-	114163	12	1.1
	[CAVD]					06.08-	114163	12	1.1
	[CAXA]					06.07-	114163	12	1.1
	[BGU]	01.04- 06.05	113992	14	140	01.04-	113773	12	1.1
	[BSE]	05.05-	113992	14	140	01.04-	113773	12	1.1
Golf V 1.6	[BSF]	05.05-	113992	14	140	01.04-	113773	12	1.1
	[CCSA]	01.08-	113992	14	140				
	[BSE]	05.05-	113992	14	140	05.05-	113773	12	1.1
	[BSF]	05.05-	113992	14	140	05.05-	113773	12	1.1
	[CCSA]	11.07-	113992	14	140				
Golf V 1.6 FSi	[BAG]					AT 10.03-	113773	12	1.1
	[BLF]					AT 01.05-	111909	12	1.1
						10.03-	113773	12	1.1
						01.05-	113773	12	1.1
						AT 10.03-	113773	12	1.1
Golf V 1.6 Multifuel	[CCSA]	11.07-	113992	14	140				
Golf V 1.6 TDI Plus	[CAYC]	03.09-	113992	14	140				
Golf V 1.6 Plus Multifuel	[CCSA]	11.07-	113992	14	140				
Golf V 1.8 GTI	[AUQ]					6 qe 08.06-	114174	12	1.1
Golf V 1.9 TDI	[BKC]	10.03-	113992	14	140	AT 10.03-	113509	12	1.7
	[BLS]	10.03-	113992	14	140	10.03-	113842	12	1.7
	[BRU]	05.04- 02.06	113992	14	140	05.04-	113842	12	1.7
	[BXF]	02.06-	113992	14	140	10.03-	113841	12	1.7
	[BKC]					10.03-	113842	12	1.7
	[BXE]	10.03-	113992	14	140	10.03-	113842	12	1.7
	[BKC]					10.03-	113841	12	1.7
	[BLS]					AT 10.03-	113509	12	1.7
						10.03-	113841	12	1.7
	[BXE]					10.03-	113841	12	1.7
	[BXF]					05.04-	113842	12	1.7
	[BXJ]	05.04-	113992	14	140				
	[BKC]	08.04-	113992	14	140	AT, 6 Speed 08.04-	113509	12	1.7
	[BLS]	08.04-	113992	14	140	08.04-	113841	12	1.7
	[BXE]	08.04-	113992	14	140	AT, 6 Speed 08.04-	113509	12	1.7
[BKC]					08.04-	113841	12	1.7	
					08.04-	113842	12	1.7	
[BLS]					AT, 6 Speed 08.04-	113509	12	1.7	
					08.04-	113842	12	1.7	
[BXE]					08.04-	113841	12	1.7	
					08.04-	113842	12	1.7	
Golf V 1.9 TDI Plus	[BLS]	01.05-	113992	14	140	01.05-	113842	12	1.7
	[BRU]	05.05- 02.06	113992	14	140	05.05-	113842	12	1.7
	[BXF]	02.06-	113992	14	140	05.05-	113842	12	1.7
	[BXJ]	05.07-	113992	14	140				
	[BHY]	08.06-	113992	14	140	08.06-	113773	12	1.1
Golf V 2.0	[BHY]					08.06-	114163	12	1.1
	[AXW]	01.04-	113992	14	140	01.04-	114163	12	1.1
						AT 01.04-	111909	12	1.1
						01.04-	113773	12	1.1
	[BLR]	01.04-	113992	14	140	01.04-	113773	12	1.1
	[BLX]	01.04-	113992	14	140	01.04-	114163	12	1.1
	[BLY]	01.04-	113992	14	140	01.04-	114163	12	1.1
	[BVX]	01.04-	113992	14	140	01.04-	114163	12	1.1
	[BVY]	01.04-	113992	14	140	01.04-	113773	12	1.1
	[BVZ]	01.04-	113992	14	140	01.04-	114163	12	1.1
						01.04-	113773	12	1.1
	[BLX]	05.04- 11.05	113992	14	140	08.04-	113773	12	1.1
	[BVX]	11.05-	113992	14	140	08.04-	110813	12	2.7
						08.04-	110813	12	2.7
						05.04- 11.05	114163	12	1.1
					08.04-	113773	12	1.1	
					11.05-	114163	12	1.1	
Golf V 2.0 FSi Plus	[BLR]	05.05-	113992	14	140	05.05-	113773	12	1.1
	[BLY]	05.05-	113992	14	140	05.05-	114163	12	1.1
	[BVY]	11.05-	113992	14	140	05.05-	113773	12	1.1
	[BVZ]	11.05-	113992	14	140	11.05-	114163	12	1.1
	[BLR]					AT 05.05-	111909	12	1.1
						05.05-	114163	12	1.1
	[BLY]					05.05-	113773	12	1.1
	[BVY]					11.05-	114163	12	1.1
	[BVZ]					05.05-	113773	12	1.1
	[BVZ]					05.05-	113773	12	1.1
Golf V 2.0 GTI	[AXX]	10.04- 06.05	113992	14	140	10.04-	113773	12	1.1
	[BPY]	11.05-	113992	14	140	10.04-	113773	12	1.1
	[BWA]	11.05-	113992	14	140	10.04-	113773	12	1.1
	[BYD]	09.06- 05.07	113992	14	140	09.06-	113773	12	1.1
	[AXX]					10.04-	110813	12	2.7
[BWA]					10.04-	110813	12	2.7	
Golf V 2.0 SDI	[BDK]	01.04- 05.07	113992	14	140				
Golf V 2.0 TDI 16V	[BKD]	10.03-	113992	14	140	10.03-	113841	12	1.7
						AT 10.03-	113509	12	1.7
	[BKD]	08.04-	113992	14	140	AT 08.04-	113509	12	1.7
	[BKD]					08.04-	113841	12	1.7
	[AZV]	10.03-	113992	14	140	AT 10.03-	113509	12	1.7
Golf V 2.0 TDI	[BMM]	12.04-	113992	14	140	12.04-	113841	12	1.7
	[BMN]	11.05-	113992	14	140	11.05-	113841	12	1.7
	[BMM]					AT 12.04-	113509	12	1.7
	[BMN]					AT 11.05-	113509	12	1.7
	[BMM]	08.04-	113992	14	140	AT 08.04-	113509	12	1.7
	[AZV]	06.07-	113992	14	140				
	[BMM]					08.04-	113841	12	1.7

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

VW Continued

Golf V 2.0 TDI Plus	[AZV]	05.05-	113992	14	140		AT 05.05-	113509	12	1.7	
	[BMM]	12.05-	113992	14	140		12.05-	113841	12	1.7	
	[AZV]						05.05-	113841	12	1.7	
	[BVB]						10.03-	113509	12	1.7	
Golf V 3.2	[CBDC]	03.09-	113992	14	140						
	[BUB]	09.05-	113992	14	140						
Golf V 3.2 R32 4 Motion	[BUB]	11.05-	113992	14	140		11.05-	113841	12	1.7	
	[CBRA]	11.05-	113992	14	140		11.05-	113841	12	1.7	
Golf VI 1.2 TSI	[CBZB]						05.09-	114175	12	1.1	
Golf VI 1.4 TSI	[CAVD]	07.09-	113861	14	110		10.08-	114163	12	1.1	
	[CAXA]						10.08-	114163	12	1.1	
Golf VI 1.6	[CAVD]	10.08-	113992	14	140						
	[BSE]	10.08-	113992	14	140						
Golf VI 1.6 Multifuel	[BSF]	10.08-	113992	14	140						
	[CCSA]	10.08-	113992	14	140						
Golf VI 1.6 BiFuel	[CMXA]	05.10-	113992	14	140		05.10-	114176	12	1.0	
	[CCSA]	10.08-	113992	14	140						
Golf VI 1.6 TDI	[CHGA]	03.09-	113992	14	140						
	[CAYC]						07.09-	113992			
Golf VI 1.8 TSI	[CAYB]	12.09-	113992	14	140						
	[CDAA]						06.09-	114163	12	1.1	
Golf VI 2.0	[CDLF]	11.09-	113992	14	140		11.09-	113773	12	1.1	
Golf VI 2.0 4motion	[CDLC]	11.09-	113992	14	140		11.09-	113773	12	1.1	
Golf VI 2.0 TDI	[BMM]	07.09-	113992	14	140		07.09-	113841	12	1.7	
	[CBBB]	04.09- 11.09	113992	14	140						
	[CBDA]	07.09- 09.10	113992	14	140						
	[CBDB]	07.09-	113992	14	140						
	[CBDC]	10.08-	113992	14	140						
	[CBAA]	10.08- 11.09	113992	14	140						
	[CFHB]	07.10-	113992	14	140						
	[CJAA]	10.08-	113992	14	140						
	[CBAB]	10.08-	113992	14	140						
	Iltis 1.7	[YX]	03.79- 07.80	110357	14	55		01.79- 12.88	110340	12	0.8
			03.79- 07.80	110726#	14	35					
	Jetta 1.1		08.80- 12.88	111652	14	65					
			08.80- 12.88	111653	14	45					
[GG]		08.80- 07.82	110360	14	45		08.80- 12.83	110339	12	0.8	
Jetta 1.2 TSI	[GG]	08.81- 07.82	110913	14	70						
	[CBZB]						02.11-	114175	12	1.1	
Jetta 1.3	[GF]	08.81- 12.83	110913	14	70		08.79- 12.83	110339	12	0.8	
	[GT]	01.84- 07.87	112763	14	55		01.84- 07.87	111058	12	0.8	
	[MH]	08.85- 12.88	112763	14	55		01.84- 12.88	111058	12	0.8	
	[ZG]	01.89- 07.92	111288	14	65		01.89- 07.92	111058	12	0.8	
		01.89- 07.92	112763	14	55						
	[GF]	02.80- 12.83	110360	14	45						
	[GS]	08.82- 12.83	110360	14	45		08.82- 12.83	110339	12	0.8	
		08.82- 12.83	110913	14	70						
	[GT]	01.84- 07.85	111074#	14	70						
		08.85- 07.87	111288	14	65						
	[HK]	01.84- 07.85	111074#	14	70		01.84- 07.85	111058	12	0.8	
	[MH]	08.85- 12.88	111288	14	65						
	[NZ]	02.87- 07.92	111288	14	65		02.87- 07.92	111058	12	0.8	
	02.87- 07.92	112763	14	55							
Jetta 1.4 TSI	[CAVD]						07.08-	114163	12	1.1	
	[BLG]	07.06-	113861	14	110		07.06-	114163	12	1.1	
	[BMY]	07.06-	113861	14	110		07.06-	114163	12	1.1	
	[CAXA]	05.07-	113861	14	110		05.07-	114163	12	1.1	
Jetta 1.5	[CAXA]						05.07-	113773	12	1.1	
	[JB]	08.79- 12.83	111652	14	65		AT 08.79- 12.83	110864	12	1.0	
	[JB]	08.79- 07.80	110357	14	55						
		08.79- 12.83	111653	14	45						
Jetta 1.6	[FR]	08.80- 12.83	111653	14	45		AT 08.80- 12.83	110864	12	1.0	
	[FR]	08.80- 12.83	111652	14	65						
	[ABN]	01.84- 07.85	110919	14	70		AT 01.84- 07.91	110864	12	1.0	
							01.84- 07.91	111059	12	0.9	
	[BSE]	08.85- 07.92	112149	14	65						
		08.05-	113992	14	140		10.05-	113773	12	1.1	
	[BSF]	10.05-	113992	14	140		AT 10.05-	111909	12	1.1	
							10.05-	113773	12	1.1	
							10.05-	111909	12	1.1	
	[CCSA]	08.05-	113992	14	140						
	[EZ]	01.84- 07.92	111094	14	65		01.84- 07.92	111059	12	0.9	
		01.84- 07.92	111154	14	65						
		01.84- 07.92	112729	14	90						
[HM]	01.84- 07.85	110919	14	70		AT 01.84- 07.88	110864	12	1.0		
						01.84- 07.88	111059	12	0.9		
	08.85- 07.88	112149	14	65							
[PN]	10.86- 07.92	112149	14	65		AT 10.86- 07.92	110864	12	1.0		
						10.86- 07.92	111059	12	0.9		
[RF]						03.86- 10.91	111059	12	0.9		
	03.86- 10.91	112149	14	65		AT 03.86- 10.91	110864	12	1.0		
Jetta 1.6 FSi	[BLF]						AT 09.05-	111909	12	1.1	
							09.05-	113773	12	1.1	
Jetta 1.6 GTI 4x4	[EG]	08.79- 07.82	111652	14	65						
		08.79- 07.82	111653	14	45						
Jetta 1.6 Multifuel	[CCSA]	01.08-	113992	14	140						
Jetta 1.6 Diesel	[CR]	AC 08.80- 12.83	110913	14	70		08.80- 12.83	110996	12	1.7	
	[JK]	08.80- 12.83	110360	14	45		08.80- 12.83	110996	12	1.7	
	[CR]	08.80- 12.83	110360	14	45						
		08.80- 12.83	110913	14	70						
	[JK]	08.80- 12.83	110913	14	70						
		AC 08.80- 12.83	110913	14	70						
	[JP]						01.84- 10.91	111060	12	1.7	
		01.84- 07.85	111074#	14	70		01.84- 07.92	111059	12	0.9	
		08.85- 10.91	110902	14	45						
		08.85- 10.91	111152	14	45						
		08.85- 10.91	111154	14	65						
		08.85- 10.91	111154	14	65						
		08.85- 10.91	111288	14	65						
	AC 01.84- 05.84	112729	14	90							
	AC 05.84- 10.91	112234#	14	85							
						01.84- 07.92	111059	12	0.9		
	08.84- 07.85	111074#	14	70		08.84- 10.91	111060	12	1.7		
	08.85- 10.91	110902	14	45							
	08.85- 10.91	111152	14	45							
	08.85- 10.91	111154	14	65							
	08.85- 10.91	111288	14	65							
	AC 05.84- 10.91	112234#	14	85							
Jetta 1.6 TD	[CY]	03.82- 12.83	110360	14	45		03.82- 12.83	110996	12	1.7	
Jetta 1.6 TD	[1V]	08.89- 07.92	110902	14	45		08.89- 07.92	111060	12	1.7	
		08.89- 07.92	111152	14	45						
		08.89- 07.92	111154	14	65						
		08.89- 07.92	111288	14	65						
		AC 08.89- 07.92	112234#	14	85						
		03.82- 12.83	110913	14	70						
	AC 03.82- 12.83	110913	14	70							



	[JR]	01.84- 07.85	111074#	14	70	01.84- 07.92	111059	12	0.9
		08.85- 10.91	110902	14	45	01.84- 10.91	111060	12	1.7
		08.85- 10.91	111152	14	45				
		08.85- 10.91	111154	14	65				
		08.85- 10.91	111288	14	65				
		AC 01.84- 05.84	112729	14	90				
		AC 05.84- 10.91	112234#	14	85				
	[MF]	08.84- 07.85	111074#	14	70	08.84- 07.92	111060	12	1.7
		08.85- 07.92	110902	14	45	01.84- 07.92	111059	12	0.9
		08.85- 07.92	111152	14	45				
		08.85- 07.92	111154	14	65				
		08.85- 07.92	111288	14	65				
		AC 05.84- 07.92	112234#	14	85				
	[RA]	04.89- 02.90	110902	14	45	04.89- 02.90	111060	12	1.7
		04.89- 02.90	111152	14	45				
		04.89- 02.90	111154	14	65				
		04.89- 02.90	111288	14	65				
		AC 04.89- 02.90	112234#	14	85				
	[SB]	08.89- 10.91	110902	14	45	08.89- 10.91	111060	12	1.7
		08.89- 10.91	111152	14	45				
		08.89- 10.91	111154	14	65				
		08.89- 10.91	111288	14	65				
		AC 08.89- 10.91	112234#	14	85				
Jetta 1.6 TDI	[CAYC]	02.11-	113992	14	140				
Jetta 1.8	[EV]	01.84- 07.85	110919	14	70	01.84- 07.87	111059	12	0.9
		08.85- 07.87	112149	14	65				
	[GU]	12.83- 07.85	110919	14	70	08.84- 10.91	113844	12	0.95
		01.84- 10.91	111152	14	45	12.83- 10.91	111059	12	0.9
		08.85- 10.91	112149	14	65				
	[GX]	12.83- 07.85	110919	14	70	08.84- 10.91	113844	12	0.95
		08.84- 07.85	111094	14	65	12.83- 10.91	111059	12	0.9
		08.84- 10.87	111152	14	45				
		08.85- 10.87	111288	14	65				
		08.85- 10.91	112149	14	65				
	[GZ]	01.84- 07.85	110919	14	70	01.84- 07.87	111059	12	0.9
		08.85- 07.87	112149	14	65				
	[HV]	12.83- 07.85	110919	14	70	08.84- 12.91	113844	12	0.95
		04.84- 07.87	111152	14	45	12.83- 07.87	111059	12	0.9
		04.84- 07.87	111288	14	65				
		08.85- 07.87	112149	14	65				
	[JJ]	08.82- 12.83	111652	14	65				
		08.82- 12.83	111653	14	45				
	[PB]	02.87- 10.91	112149	14	65	02.87- 10.91	111059	12	0.9
	[PF]	08.85- 07.92	112149	14	65	08.85- 07.92	111059	12	0.9
		08.85- 07.92	112149	14	65	01.87- 10.91	113844	12	0.95
	[RD]	08.85- 10.87	112149	14	65	08.85- 10.87	111059	12	0.9
		08.85- 10.87	112149	14	65	08.85- 10.87	113844	12	0.95
	[RH]	08.86- 07.90	112149	14	65	08.86- 07.90	111059	12	0.9
		08.86- 07.90	112149	14	65	08.86- 01.90	113844	12	0.95
	[RP]	01.84- 07.85	110919	14	70	08.87- 10.91	113844	12	0.95
		08.85- 10.91	112149	14	65	01.84- 10.91	111059	12	0.9
Jetta 1.8 Syncro	[1P]	08.88- 07.92	112149	14	65	08.88- 07.92	111059	12	0.9
	[RP]	10.87- 10.91	111152	14	45	08.87- 12.88	111059	12	0.9
		10.87- 10.91	111288	14	65	08.87- 12.88	113844	12	0.95
Jetta 1.8 16V	[KR]	08.86- 10.91	111160	14	65	08.86- 10.91	111059	12	0.9
	AC								
	[PL]	08.86- 10.91	111160	14	65	08.86- 10.91	111059	12	0.9
	AC								
Jetta 1.9 TDI	[BKC]	08.05-	113992	14	140	AT 08.05-	113509	12	1.7
						09.05-	111909	12	1.1
						09.05-	113842	12	1.7
	[BLS]	08.05-	113992	14	140	08.05-	111909	12	1.1
						08.05-	113842	12	1.7
	[BXE]	08.05-	113992	14	140				
Jetta 2.0 FSI	[BLR]	08.05- 11.05	113992	14	140	AT 08.05-	111909	12	1.1
						08.05-	113773	12	1.1
						08.05- 11.05	114163	12	1.1
	[BLV]	10.05- 11.05	113992	14	140	08.05-	113773	12	1.1
						AT 08.05-	111909	12	1.1
						10.05- 11.05	114163	12	1.1
	[BVY]	12.05-	113992	14	140	12.05-	114163	12	1.1
						08.05-	113773	12	1.1
	[BVZ]	12.05-	113992	14	140	12.05-	114163	12	1.1
						08.05-	113773	12	1.1
Jetta 2.0 TFSI	[BPY]	10.05-	113992	14	140	10.05-	113773	12	1.1
	[BWA]	10.05-	113992	14	140	10.05-	113773	12	1.1
	[CCTA]	02.08-	113992	14	140				
Jetta 2.0 TSI	[CBFA]					12.10-	113773	12	1.1
	[CCTA]					12.10-	113773	12	1.1
	[CCZA]					12.10-	113773	12	1.1
Jetta 2.0 TDI	[AZV]	09.05-	113992	14	140	09.05-	113841	12	1.7
	[BMM]	10.05-	113992	14	140	10.05-	113841	12	1.7
	[BMN]	10.06-	113992	14	140	08.05-	113841	12	1.7
	[BKD]	08.05-	113992	14	140	08.05-	113841	12	1.7
						AT 08.05-	113509	12	1.7
	[CBEA]	04.08-	113861	14	110				
		04.08-	113992	14	140				
	[CFFB]	02.11-	113992	14	140				
	[CFHC]	02.11-	113992	14	140				
	[CJAA]	02.11-	113992	14	140				
	[CLCB]	02.11-	113992	14	140				
Jetta 2.5	[BTK]					09.06-	114163	12	1.1
K 70 1.6	[DA]	08.70- 10.74	110357	14	55				
		08.70- 10.74	110726#	14	35				
		01.73- 10.74	110360	14	45				
	[DB]	08.70- 07.71	110357	14	55				
		08.70- 07.71	110726#	14	35				
K 70 1.8	[DC]	01.73- 10.74	110360	14	45				
		08.73- 10.74	110357	14	55				
		08.73- 10.74	110726#	14	35				
Kaefer 1.2	[D]	08.71	111225			08.69- 07.75	111133	6	0.5
	[D]	08.74- 12.85	111096	14	55	08.69- 12.85	110363	12	0.7
Kaefer 1.2 1303	[D]	04.75- 07.75	111096	14	55	04.75- 07.75	110363	12	0.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VW** Continued

Kaefer 1.3	[AR]	08.72- 07.73	111225			AT 08.72- 07.75	111099	12	0.7
		08.74- 07.75	111096	14	55	08.72- 07.75	110363	12	0.7
	[AB]	08.72- 07.73	111225			AT 08.70- 07.75	111099	12	0.7
	[AB]	08.74- 07.75	111096	14	55	08.70- 07.75	110363	12	0.7
	[F]					AT 08.69- 07.70	111099	12	0.7
Kaefer 1.3 1302	[AB]					08.69- 07.70	110363	12	0.7
Kaefer 1.3 1303	[AB]	08.74- 07.75	111096	14	55	07.66- 07.67	111133	6	0.5
Kaefer 1.3 Karmann	[F]					AT 08.70- 07.72	111099	12	0.7
Kaefer 1.5	[H]	08.67- 07.70	111225			08.70- 07.72	110363	12	0.7
Kaefer 1.6	[AJ]	08.72- 07.73	111225			AT 08.72- 07.75	110363	12	0.7
		08.74- 12.79	111096	14	55	AT 08.72- 07.75	111099	12	0.7
	[AS]	08.72- 07.73	111225			AT 08.72- 12.79	111099	12	0.7
		08.74- 12.79	111096	14	55	08.72- 12.79	110363	12	0.7
	[ACD]	07.94-	111096	14	55	10.92-	110363	12	0.7
	[AD]	08.74- 12.79	111096	14	55	AC 07.70- 12.79	111099	12	0.7
	[AD]	08.72- 07.73	111225			07.70- 12.79	110363	12	0.7
	[AF]					10.73- 09.92	110363	12	0.7
Karmann Ghia 1.5	[H]	08.67- 07.70	111225			01.66- 12.69	110363	12	0.7
Karmann Ghia 1.6 1600	[AD]					AT 01.70- 07.74	111099	12	0.7
						01.70- 07.74	110363	12	0.7
LT 28-35 2.0	[CH]	04.75- 07.79	110357	14	55	05.75- 11.82	110997	12	0.8
		04.75- 09.83	110726#	14	35				
		04.79- 11.82	111652	14	65				
		08.79- 11.82	111653	14	45				
LT 28-35 2.3	[AGL]	05.96-	111902	14	115	05.96-	111347	12	1.2
		05.96-	111903	14	90				
LT 28-35 2.4	[DL]					12.82- 07.92	111107#	12	1.5
		12.82- 07.85	111652	14	65				
		12.82- 07.85	111653	14	45				
		08.83- 07.84	112729	14	90				
		08.85- 07.92	111094	14	65				
LT 28-35 2.4 I	[1E]	08.85- 07.92	112149	14	65				
	10.88- 04.96	111094	14	65	10.88- 04.96	111107#	12	1.5	
	10.88- 07.93	112149	14	65					
	10.88- 06.96	112729	14	90					
LT 28-35 2.4 Diesel	[1S]	08.88- 07.92	111094	14	65	08.88- 07.92	112537	12	2.2
		08.88- 07.92	112729	14	90				
		08.88- 07.92	112735	14	45				
	[ACT]	08.92- 04.96	111094	14	65	08.92- 04.96	112537	12	2.2
		08.92- 04.96	112729	14	90				
		08.92- 04.96	112735	14	45				
	[CP]	12.78- 07.92	110726#	14	35	08.78- 11.82	111112	12	2.0
		01.79- 11.82	111652	14	65				
		08.79- 11.82	111653	14	45				
	[DW]	12.78- 07.92	110726#	14	35	08.84- 07.92	112537	12	2.2
		11.82- 07.92	111094	14	65	11.82- 07.87	111112	12	2.0
		11.82- 07.85	111652	14	65				
	11.82- 07.85	111653	14	45					
	08.83- 07.92	112729	14	90					
	08.85- 07.92	112149	14	65					
	08.85- 07.92	112735	14	45					
	08.85- 07.92	111539#	14	70					
LT 28-35 2.4 TD	[1G]	08.88- 08.92	111094	14	65	08.88- 08.92	111120	12	2.2
		08.88- 08.92	112149	14	65				
		08.88- 08.92	112729	14	90				
		08.88- 08.92	112735	14	45				
	[ACL]	09.92- 04.96	111094	14	65	09.92- 04.96	111120	12	2.2
		09.92- 04.96	112729	14	90				
		09.92- 04.96	112735	14	45				
	[DV]					12.82- 08.92	111120	12	2.2
		12.82- 07.85	111652	14	65				
		12.82- 07.85	111653	14	45				
LT 28-35 2.5 SDI	[AGX]	05.96- 04.01	113754	14	120	07.96-	112014	12	2.0
		07.96- 07.98	111898	14	120				
		07.96- 07.98	111899	14	90				
		07.98-	112043	14	90				
	[BBE]	05.01-	112043	14	90	05.01-	112221	12	2.0
	[BBF]	05.01-	112043	14	90	05.01-	112221	12	2.0
	[BBE]					05.01-	113754		
	[BBF]					05.01-	113754		
	[AHD]	05.96- 05.99	111898	14	120	05.96- 08.99	113754		
		05.96- 07.98	111899	14	90	05.96-	112221	12	2.0
		05.96- 04.01	113754	14	120				
	07.98-	112043	14	90					
[ANJ]	05.99-	112043	14	90	05.99-	112221	12	2.0	
	05.99- 04.06	113754	14	120	05.99-	112430	12	2.0	
					05.99-	113754			
[APA]	05.99-	112043	14	90	05.99-	112430	12	2.0	
	05.99- 04.01	113754	14	120	05.99-	113754			
					05.99-	112221	12	2.0	
[AVR]	12.02- 04.06	113754	14	120	05.99-	113754			
					05.99-	112430	12	2.0	
LT 28-35 2.7 Diesel	[CG (Perkins)]	01.76- 03.80	110357	14	55				
		08.76- 03.80	110726#	14	35				
LT 28-35 2.8 TDI	[AGK]	06.97- 07.98	111898	14	120	06.97- 12.98	114304	12	2.3
		06.97- 07.98	111899	14	90				
		06.97- 12.98	113834						
		01.98- 12.98	113888	14	90				
		07.98-	112402	14	120				
	[ATA]	01.99-	112402	14	120	01.99-	110844	12	2.2
		01.99-	113834			01.99-	114304	12	2.3
	01.99- 01.02	113888	14	90					



	[AUH]	04.02-04.02-04.02-	112002 112079 112402	14 14 14	120 90 120	▲ ▲	04.02-	114304	12 2.3
	[BCQ]						04.02-	114304	12 2.3
LT 40-55 2.0	[CH]	04.75-09.83	110726#	14	35		04.75-09.83	112455	12 1.4
LT 40-55 2.3	[AGL]	05.96-	111903	14	90		05.96-11.01	111347	12 1.2
LT 40-55 2.4	[DL]						12.82-07.92	111107#	12 1.5
		09.85-07.92	111094	14	65				
LT 40-55 2.4 4x4	[DL]						12.82-07.92	111107#	12 1.5
LT 40-55 2.4 Syncro							12.82-04.96	111107#	12 1.5
LT 40-55 2.4 i	[1E]						10.88-04.96	111107#	12 1.5
		10.88-04.96	111094	14	65				
		07.93-04.96	112729	14	90				
LT 40-55 2.4 Diesel	[1S]	08.89-07.92	111094	14	65	▲	08.89-07.92	112537	12 2.2
		08.89-07.92	112729	14	90				
		08.89-07.92	112735	14	45				
	[ACT]	08.92-12.95	111094	14	65	▲	08.92-12.95	112537	12 2.2
		08.92-12.95	112729	14	90				
		08.92-12.95	112735	14	45				
	[CP]	12.78-02.92	110726#	14	35		12.78-11.82	111112	12 2.0
		08.79-11.82	111652	14	65				
		08.79-11.82	111653	14	45				
	[DW]	12.78-07.92	110726#	14	35		08.84-07.92	112537	12 2.2
							08.84-07.87	111112	12 2.0
		12.82-07.85	111652	14	65				
		12.82-07.85	111653	14	45				
		11.84-07.92	112729	14	90				
		08.85-07.92	112149	14	65				
		08.85-07.92	112735	14	45				
LT 40-55 2.4 Diesel 4x4	[DW]	12.82-07.85	111653	14	45		09.85-07.92	112537	12 2.2
		08.84-07.92	112729	14	90				
		08.85-07.92	111094	14	65				
		08.85-07.92	112735	14	45				
LT 40-55 2.4 TD	[1G]	08.88-08.92	111094	14	65		08.88-08.92	111120	12 2.2
		08.88-08.92	112729	14	90				
		08.88-08.92	112735	14	45				
	[ACL]	09.92-04.96	111094	14	65		09.92-04.96	111120	12 2.2
		09.92-04.96	112729	14	90				
		09.92-04.96	112735	14	45				
	[DV]	12.82-08.85	111653	14	45		12.82-09.92	111120	12 2.2
		12.82-08.92	112729	14	90				
		08.85-08.92	111094	14	65				
		08.85-08.92	112735	14	45				
LT 40-55 2.4 TD 4x4	[DV]	09.85-08.92	111094	14	65		08.78-03.86	111120	12 2.2
		09.85-08.92	112729	14	90				
LT 40-55 2.5 SDI	[AGX]						07.96-09.96-	112014 113754	12 2.0
LT 40-55 2.5 TDI	[BBF]						05.01-	112221	12 2.0
	[BBE]						05.01-	113754	
	[BBE]	05.01-	112043	14	90		05.01-	112221	12 2.0
	[BBF]	05.01-	112043	14	90		05.01-	113754	
	[AHD]						05.96-08.99	112221	12 2.0
	[ANJ]						05.99-	112430	12 2.0
							05.99-	113754	
	[APA]						05.99-	113754	
	[AVR]						05.99-	112430	12 2.0
							05.99-	113754	
LT 40-55 2.8 TDI	[AGK]						06.97-12.98	114304	12 2.3
	[ATA]						01.99-	110844	12 2.2
							01.99-	114304	12 2.3
	[AUH]	04.02-04.06	112002	14	120	▲	04.02-	114304	12 2.3
	[BCQ]						04.02-	114304	12 2.3
Lupo 1.0	[AER]	09.98-07.05	113870	14	70		10.98-05.00	113750	12 0.9
		PS 01.99-	112273	14	70				
		PS 01.99-	112274	14	90				
	[AHT]	09.98-07.05	113870	14	70		09.98-07.05	113750	12 0.9
	[ALD]	09.98-07.05	113870	14	70		09.98-07.05	113750	12 0.9
		PS 05.99-	112273	14	70				
		PS 05.99-	112274	14	90				
	[ALL]	09.98-07.05	113870	14	70		10.98-05.00	113750	12 0.9
		PS 10.98-	112273	14	70				
		PS 10.98-	112274	14	90				
	[ANV]	09.98-07.05	113870	14	70		10.98-05.00	113750	12 0.9
		PS 05.99-	112273	14	70				
		PS 05.99-	112274	14	90				
	[AUC]	09.98-07.05	113870	14	70		05.00-07.05	113750	12 0.9
		PS 10.98-	112273	14	70				
		PS 10.98-	112274	14	90				
Lupo 1.2 TDI 3L	[ANY]	07.99-	113275	14	120		07.99-	112433	12 1.8
		07.99-07.05	113840#	14	90				
	[AYZ]	07.99-	113275	14	120		07.99-	112433	12 1.8
		07.99-07.05	113840#	14	90				
Lupo 1.4	[AUD]	10.00-	112274	14	90		10.00-	112307	12 1.1
		10.00-07.05	113870	14	70		AT 10.00-	111823	12 1.1
	[AHW]	01.99-	112273	14	70		01.99-	112307	12 1.1
		01.99-	112274	14	90				
	[AKO]	10.98-	112273	14	70		10.98-	112307	12 1.1
		10.98-	112274	14	90				
	[APE]	05.99-	112273	14	70		05.99-	112307	12 1.1
		05.99-	112274	14	90				
	[AUA]						AC 09.00-04.02	111823	12 1.1
	[AUD]						10.00-07.05	113750	12 0.9
	[BBV]						AC 11.01-	111823	12 1.1
Lupo 1.4 16V	[AFK]	05.99-	112273	14	70		05.99-	112307	12 1.1
		05.99-	112274	14	90				
	[ANM]	05.99-	112273	14	70		05.99-	112307	12 1.1
		05.99-	112274	14	90				
	[AOQ]	05.99-	112273	14	70		05.99-	112307	12 1.1
		05.99-	112274	14	90				
	[AUB]	05.00-	112273	14	70		02.00-	113288#	12 1.1
		05.00-	112274	14	90		05.00-	112307	12 1.1
Lupo 1.4 FSI	[ARR]	02.01-07.05	114027	14	110		02.01-	113288#	12 1.1
	[ARR]	AC 02.01-07.05	113875	14	110				
Lupo 1.4 TDi	[AMF]	01.99-07.05	113873	14	70		01.99-	111900	12 1.8
	[AMF]	06.98-10.98	113341#	14	70				
		01.99-	113275	14	120				
		01.99-07.05	113840#	14	90				
Lupo 1.6 GTi	[AVY]	09.00-	112075	14	70		09.00-	113515	12 0.9
		09.00-	112274	14	90		09.00-	112435	12 1.1
	[AVY]	09.00-	111989	14	90				
Lupo 1.7 SDi	[AKU]	04.98-	112401	14	90		04.98-	111904	12 1.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

Multivan 1.9 TDI	[AXB]	04.03-	112002	14	120	04.03-	113842	12	1.7
	[BRS]	06.06-	113992	14	140	06.06-	113842	12	1.7
	[AXB]	04.03-	112079	14	90				
		04.03-	113992	14	140				
Multivan 2.0	[BRR]	01.06-	113992	14	140				
		01.06-	114453	14	180				
	[AXA]	04.03-	112002	14	120	11.03-	114163	12	1.1
Multivan 2.5	[AXA]	11.03-	113992	14	140	09.90-06.03	113677	12	1.1
	[AET]	08.96-08.98	111898	14	120	09.90-	112306	12	1.1
		08.96-08.98	111899	14	90	11.90-12.94	112167	12	1.8
		08.96-06.03	113754	14	120	AT 08.96-	111060	12	1.7
		08.98-	112043	14	90	08.96-	113754		
		08.98-	112402	14	120	08.96-	113387	12	2.0
		ATAC 08.96-08.98	111733#	14	120				
	[APL]	08.96-08.98	111898	14	120	05.99-	113387	12	2.0
		08.96-08.98	111899	14	90	AT 05.99-	111060	12	1.7
		08.98-	112043	14	90	05.96-04.03	113754		
Multivan 2.5 TDI	[AVT]	08.98-	112402	14	120				
		ATAC 08.96-08.98	111733#	14	120				
		05.99-12.99	113754	14	120				
		12.99-06.03	112043	14	90	12.99-	111060	12	1.7
Multivan 2.5 TDI 4 Motion		12.99-06.03	113754	14	120	08.96-04.03	113754		
						12.99-06.03	113387	12	2.0
	[AXD]	04.03-	113947	14	180	04.03-	113678	12	2.2
	[AXE]	04.03-	113947	14	180	04.03-	113678	12	2.2
	[BLJ]	11.03-	113947	14	180				
	[BNZ]	04.03-	113947	14	180				
	[BPC]	04.03-	113947	14	180				
	[AXD]	07.04-	113947	14	180	07.04-	113678	12	2.2
	[AXE]	07.04-	113947	14	180	07.04-	113678	12	2.2
	[BNZ]	07.04-	113947	14	180				
Multivan 3.2 V6	[BPC]	07.04-	113947	14	180				
	[BDL]	04.03-	113947	14	180	04.03-	113841	12	1.7
	[BKK]	02.04-	113884	14	150	02.04-	113841	12	1.7
	[BDL]	04.03-	112002	14	120				
Multivan 3.2 V6 4 Motion		04.03-	113884	14	150				
		04.03-	114453	14	180				
	[BKK]	02.04-	112002	14	120				
	[BKK]	07.04-	114453	14	180	07.04-	113841	12	1.7
	[BKK]	07.04-	112002	14	120				
	[BKK]	07.04-	113884	14	150				
New Beetle 1.4	[CFLA]	07.04-	114453	14	180				
	[BCA]	01.03-	111989	14	90	11.01-06.02	112435	12	1.1
		AC 11.01-	111989	14	90	07.02-	113515	12	0.9
New Beetle 1.6	[BCA]	11.01-	112075	14	70				
	[AYD]	09.00-05.01	111989	14	90	AT 09.00-05.01	111909	12	1.1
		09.00-05.01	112075	14	70	09.00-05.01	112005	12	1.1
	[AWH]	10.99-10.00	111989	14	90	10.99-10.00	111909	12	1.1
		10.99-10.00	112002	14	120				
		10.99-10.00	112075	14	70				
	[AYD]	09.00-05.01	112002	14	120				
	[BFS]	01.03-	111989	14	90	01.03-	112005	12	1.1
New Beetle 1.8		01.03-	112002	14	120				
		01.03-	112075	14	70				
	[AGU]	10.99-	111989	14	90	10.00-	114174	12	1.1
	[APH]	10.99-	112075	14	70	AT 10.99-	111909	12	1.1
	[AVC]	05.99-10.00	111989	14	90	AT 05.99-10.00	111909	12	1.1
		05.99-10.00	112002	14	120	05.99-10.00	112429	12	2.0
		05.99-10.00	112075	14	70				
	[AWU]	10.00-	111989	14	90	AT 10.00-	111909	12	1.1
		10.00-	112002	14	120	10.00-	112429	12	2.0
		10.00-	112075	14	70	10.00-	114174	12	1.1
	[AWV]	06.00-05.01	111989	14	90	AT 06.00-06.04	111909	12	1.1
		06.00-05.01	112002	14	120	06.00-	114174	12	1.1
		06.00-05.01	112075	14	70	06.00-06.04	112429	12	2.0
	[BKF]	10.00-	114174	14	120	10.00-	114174	12	1.1
New Beetle 1.8 Turbo	[AWU]	01.04-	112002	14	120	AT 01.04-	111909	12	1.1
		01.04-	112075	14	70	01.04-	112005	12	1.1
	[AWP]					11.01-06.05	112005	12	1.1
	[AWU]	01.04-	111989	14	90				
	[BNU]					6SP 07.04-	114174	12	1.1
New Beetle 1.9 TDI						07.04-	112005	12	1.1
	[ATD]	02.01-	113340	14	70	02.01-	111909	12	1.1
	[ALH]	01.98-	111353	14	70	01.98-	111900	12	1.8
		01.98-	112543#	14	90	AT 01.98-	112286	12	1.7
		01.98-03.98	113341#	14	70				
		03.98-	112002	14	120				
		03.98-	112079	14	90				
		03.98-	113340	14	70				
	[ATD]	02.01-	112002	14	120				
		02.01-	112079	14	90				
	[AXR]	06.03-	112002	14	120	03.03-	111900	12	1.8
		06.03-	112079	14	90				
		06.03-	113340	14	70				
	[BSW]	07.05-	112002	14	120				
		07.05-	112079	14	90				
	New Beetle 2.0	[AEG]	01.98-03.98	111820	14	90	03.98-	112005	12
		01.98-03.98	111878	14	70	AT 01.98-	111909	12	1.1
		01.98-	112002	14	120	01.98-03.98	111749	12	1.1
		03.98-	111989	14	90				
		03.98-	112075	14	70				
[APK]		01.98-03.98	111820	14	90	01.98-	111909	12	1.1
		01.98-	112002	14	120				
		03.98-	111989	14	90				
		03.98-	112075	14	70				
[AQY]		11.98-	111989	14	90	AT 11.98-	111909	12	1.1
		11.98-	112002	14	120	11.98-	112005	12	1.1
		11.98-	112075	14	70				
[AVH]						AT 01.98-	114174	12	1.1
[AZG]		01.98-03.98	111820	14	90	01.98-	111909	12	1.1
		01.98-	112002	14	120				
		03.98-	111989	14	90				
		03.98-	112075	14	70				
[AZJ]		01.03-	111989	14	90	AT6S 01.98-	114174	12	1.1
		01.03-	112002	14	120	AT, 4 Speed 01.03-	111909	12	1.1
		01.03-	112075	14	70				
[BDC]	01.03-06.03	111989	14	90	AT6S 09.02-	114174	12	1.1	
	01.03-06.03	112002	14	120	AT 01.03-06.03	111909	12	1.1	
	01.03-06.03	112075	14	70					
[BEV]					AT 01.98-	114174	12	1.1	
					AT6S 09.02-	114174	12	1.1	
[BGD]	01.03-	111989	14	90	AT6S 09.02-	114174	12	1.1	
	01.03-	112075	14	70	01.03-	111909	12	1.1	
New Beetle 2.3 V5	[AQN]	10.00-	112002	14	120	Steinr. 9c-2-640990 > 10.00-	112166	12	1.7
	[AQN]	10.00-	112079	14	90				
	[AQN]	10.00-	113340	14	70				



New Beetle 3.2 RSi	[AXJ]	04.00- 05.01	112075	14	70			10.00- 05.01	112429	12	2.0	
	[AXJ]	04.00- 05.01	111989	14	90							
		04.00- 05.01	112002	14	120							
Passat 1.3	[EP]							08.83- 07.87	110340	12	0.8	
	[ZA]	05.73- 01.78	110726#	14	35			05.73- 01.78	110340	12	0.8	
	[EU]	08.83- 07.85	111094	14	65			08.80- 07.86	110865	12	0.95	
	[EP]	08.83- 07.85	110919	14	70							
		08.83- 07.85	111094	14	65							
		08.85- 07.87	112149	14	65							
		AC 08.85- 07.87	110990#	14	90							
	[EU]	12.79- 07.83	110360	14	45			08.80- 07.86	110339	12	0.8	
		08.83- 07.85	110919	14	70							
		AC 08.85- 07.87	110990#	14	90							
	[FY]	01.78- 07.79	111083#	14	70			01.78- 07.81	110339	12	0.8	
		08.79- 07.83	110913	14	70							
		12.79- 07.83	110360	14	45							
	[FZ]	01.78- 12.79	111083#	14	70			01.78- 07.83	110339	12	0.8	
	12.79- 07.83	110360	14	45								
	08.80- 07.83	110913	14	70								
[ZA]	05.73- 01.78	110357	14	55								
[ZF]	05.73- 01.78	110357	14	55			05.73- 01.78	110340	12	0.8		
	05.73- 01.78	110726#	14	35								
Passat 1.4 TSi	[CAXA]	05.07-	113861	14	110			05.07-	114163	12	1.1	
	[CAXA]							A25 08.10-	113842	12	1.7	
Passat 1.4 TSi MultiFuel	[CKMA]							11.10-	113842	12	1.7	
								11.10-	114163	12	1.1	
Passat 1.4 TSi EcoFuel	[CDGA]							01.09-	114163	12	1.1	
	[CDGA]							08.10-	113842	12	1.7	
Passat 1.5	[YJ]	08.74- 08.75	110357	14	55			08.74- 08.75	110340	12	0.8	
		08.74- 08.75	110726#	14	35							
[ZB]	07.73- 07.74	110357	14	55			07.73- 07.74	110340	12	0.8		
	07.73- 07.74	110726#	14	35								
[ZC]	07.73- 12.75	110357	14	55			07.73- 08.75	110340	12	0.8		
	07.73- 12.75	110726#	14	35								
Passat 1.5 Diesel	[CK]	02.77- 07.80	110726#	14	35			08.77- 07.80	110861			
		08.77- 07.80	111652	14	65							
		08.79- 07.80	111653	14	45							
Passat 1.6	[FS]	08.75- 07.80	113758	14	120			02.76- 07.79	110340	12	0.8	
	[DT]	08.83- 07.85	110919	14	70			08.80- 03.88	110865	12	0.95	
	[AEK]	AC 10.94- 12.95	111353	14	70			AT 10.94- 12.95	111748	12	1.1	
		AC 10.94- 12.95	111477	14	90			10.94- 12.95	111749	12	1.1	
	[EZ]							08.90- 07.91	112131	12	1.4	
	[EZ]							02.88- 07.91	111751	12	1.0	
		02.88- 07.92	112149	14	65			08.91- 07.92	111749	12	1.1	
	[AFT]	12.95- 03.97	111352	14	70			AT 12.95- 03.97	111748	12	1.1	
		AC 12.95- 03.97	111477	14	90			12.95- 03.97	111749	12	1.1	
	[ADP]	10.96- 11.00	113783#	14	70			10.96- 11.00	112321	12	1.1	
		09.98- 11.00	112399	14	90			10.96- 03.97	110861			
	[AHL]	09.98- 11.00	113283	14	120			10.96- 03.97	110861			
	[ANA]	07.99- 11.00	112399	14	90			10.96- 11.00	112321	12	1.1	
	[ARM]	09.98- 11.00	112398	14	70			10.96- 11.00	112321	12	1.1	
	[AHL]	09.98- 11.00	112398	14	70			10.96- 11.00	112321	12	1.1	
	[ALZ]	11.00-	113283	14	120			Chas. -3B-4-200000	11.00- 10.03	112321	12	1.1
		11.00- 05.05	113882	14	120			Chas. 3B-4-200001-	11.00- 05.05	114179	12	1.2
	[BSF]	05.05-	113992	14	140			05.05-	114175	12	1.1	
	[BSE]	05.05-	113992	14	140			05.05-	114175	12	1.1	
	[1F]							04.88- 07.90	111751	12	1.0	
		04.88- 07.90	112149	14	65							
	[ADP]	05.97- 11.00	111478	14	90							
	[AEK]	10.94- 12.95	111352	14	70							
		10.94- 12.95	111479	14	90							
	[AFT]	12.95- 03.97	111479	14	90							
		AC 12.95- 03.97	111353	14	70							
	[AHL]	10.96- 09.98	111478	14	90							
		10.96- 11.00	113783#	14	70							
		09.98- 11.00	112399	14	90							
	[ALZ]	11.00-	112398	14	70							
		11.00-	112399	14	90							
	[ANA]	07.99- 11.00	112398	14	70							
		07.99- 11.00	113283	14	120							
	[ARM]	09.98- 11.00	112399	14	90							
		09.98- 11.00	113283	14	120							
	[DT]							08.83- 07.84	110340	12	0.8	
		08.83- 08.84	112729	14	90							
		08.85- 03.88	112149	14	65							
		AC 08.80- 03.88	110990#	14	90							
	[FS]	02.76- 07.79	110357	14	55							
	[JU]	08.83- 07.85	110919	14	70			08.84- 09.86	110865	12	0.95	
								08.83- 07.84	110340	12	0.8	
		08.85- 09.86	112149	14	65			01.81- 02.83	110858	12	0.7	
	[PP]							08.87- 03.88	110865	12	0.95	
		03.87- 03.88	112149	14	65			03.87- 03.88	110340	12	0.8	
		AC 03.87- 03.88	110990#	14	90							
	[RF]							03.88- 07.89	111751	12	1.0	
		03.88- 07.89	112149	14	65							
	[RL]							02.86- 03.88	110865	12	0.95	
		02.86- 03.88	112149	14	65							
		AC 02.86- 03.88	110990#	14	90							
	[WV]	08.81- 07.83	111652	14	65			08.81- 07.83	110340	12	0.8	
		08.81- 07.83	111653	14	45			08.81- 07.83	110865	12	0.95	
		08.81- 07.83	110990#	14	90							
	[YN]	09.75- 07.79	110357	14	55			09.75- 07.81	110340	12	0.8	
		09.75- 07.80	110726#	14	35							
		08.77- 07.81	111652	14	65							
		08.79- 07.81	111653	14	45							
		08.80- 07.81	110990#	14	90							
	[YP]	08.75- 07.79	110357	14	55			08.75- 02.83	110340	12	0.8	
		08.75- 07.80	110726#	14	35			08.81- 02.83	110865	12	0.95	
		08.77- 02.83	111652	14	65							
		08.79- 02.83	111653	14	45							
		08.80- 02.83	110990#	14	90							
Passat 1.6 FSI	[BLF]							AT 03.05-	111909	12	1.1	
								03.05-	113773	12	1.1	
								03.05-	114175	12	1.1	
								08.05-	113771			
Passat 1.6 i	[YS]	06.78- 07.79	110357	14	55			06.78- 07.80	110340	12	0.8	
		06.78- 07.80	111139	14	75							
		06.78- 07.80	111652	14	65							
		08.79- 07.80	111653	14	45							
Passat 1.6	[RA]	08.88- 07.89	110902	14	45			AT 08.88- 07.89	111060	12	1.7	
		08.88- 07.89	111154	14	65			08.88- 07.89	112134	12	2.0	
		08.88- 07.89	112765	14	90							
		08.88- 07.89	112234#	14	85							





Application list

VW Continued

Passat 1.6 Diesel	[CR]	08.80- 07.82	110767	14	45	08.80- 07.82	110994	12	1.7
		AC 08.81- 07.82	110990#	14	90	08.80- 07.82	110861		
	[JK]	08.82- 07.85	110767	14	45	08.82- 03.88	110861		
		08.85- 03.88	111094	14	65	08.82- 03.88	110994	12	1.7
		08.85- 03.88	112735	14	45				
	AC 08.85- 03.88	112729	14	90					
Passat 1.6 TD	[RA]	08.88- 07.89	111154	14	65	AT 08.88- 07.89	111060	12	1.7
		AC 08.88- 07.89	112234#	14	85	08.88- 07.89	112134	12	2.0
	[SB]	08.88- 11.91	110902	14	45	08.91- 09.93	112133	12	1.7
		AC 08.88- 09.93	112234#	14	85	08.89- 07.91	112134	12	2.0
	[CY]	04.82- 07.85	110767	14	45	04.82- 03.88	110994	12	1.7
		08.85- 03.88	111094	14	65	04.82- 03.88	110861		
		08.85- 03.88	112735	14	45				
		AC 04.82- 07.85	110990#	14	90				
		AC 08.85- 03.88	112729	14	90				
	[RA]	08.88- 07.89	110902	14	45				
		08.88- 07.89	112765	14	90				
	[SB]	08.88- 11.91	111154	14	65				
	08.88- 11.91	112765	14	90					
Passat 1.8	[ADZ]	10.94- 05.97	111352	14	70	AT 10.94- 05.97	111909	12	1.1
		AC 10.94- 05.97	111353	14	70	AT 10.94- 05.97	111748	12	1.1
		AC 10.94- 05.97	111477	14	90	10.94- 05.97	112005	12	1.1
		AC 10.94- 05.97	111733#	14	120	10.94- 05.97	111749	12	1.1
	[PB]					04.88- 07.90	111751	12	1.0
		04.88- 07.90	112149	14	65	AT 04.88- 07.90	111059	12	0.9
	[RP]					08.90- 07.91	112131	12	1.4
		02.88- 07.91	112149	14	65	02.88- 07.90	111751	12	1.0
						AT 02.88- 07.91	111059	12	0.9
	[AAM]					08.90- 07.91	111751	12	1.0
		12.91- 05.97	111352	14	70	AT 08.90- 07.91	111059	12	0.9
		12.92- 05.97	111733#	14	120	08.90- 07.91	112131	12	1.4
		AC 07.92- 05.97	111353	14	70	AT 08.91- 05.97	111748	12	1.1
		AC 07.92- 05.97	111477	14	90	08.91- 05.97	111749	12	1.1
	[ABS]	08.91- 12.92	112149	14	65	08.91- 09.94	111749	12	1.1
		AC 12.92- 09.94	111733#	14	120	AT 08.91- 09.94	111748	12	1.1
	[PF]					AT 04.88- 07.90	111059	12	0.9
	[AFY]	09.98-	112399	14	90	01.97- 11.00	112321	12	1.1
	[ABS]								
		12.91- 09.94	111352	14	70				
		12.91- 09.94	111479	14	90				
		12.92- 09.94	111733#	14	120				
		AC 07.92- 09.94	111353	14	70				
		AC 07.92- 09.94	111477	14	90				
	[ADR]	10.96- 09.98	111478	14	90	10.96- 01.99	112321	12	1.1
		10.96- 11.00	113783#	14	70				
		09.98- 01.99	112398	14	70				
		09.98- 01.99	112399	14	90				
		09.98- 01.99	113283	14	120				
	[ADZ]	10.94- 05.97	111479	14	90				
	[AFY]	01.97- 11.00	113783#	14	70				
	[APT]	01.99- 11.00	112398	14	70	01.99- 11.00	112321	12	1.1
		01.99- 11.99	112399	14	90				
		01.99- 11.99	113283	14	120				
	[ARG]	02.99- 11.00	112398	14	70	10.96- 11.00	112321	12	1.1
		02.99- 11.00	112399	14	90				
	02.99- 11.00	113283	14	120					
[DS]	01.83- 07.85	110919	14	70	01.83- 03.88	110865	12	0.95	
	01.83- 07.85	110990#	14	90					
	08.85- 03.88	112149	14	65					
[DZ]	12.83- 07.85	110919	14	70	12.83- 03.88	110865	12	0.95	
	12.83- 07.84	110990#	14	90					
	08.85- 03.88	112149	14	65					
[JN]	01.83- 07.85	110919	14	70	01.83- 03.88	110865	12	0.95	
	01.85- 07.85	110990#	14	90					
	08.85- 03.88	112149	14	65					
[PF]					04.88- 07.90	111751	12	1.0	
[RM]					05.86- 03.88	110865	12	0.95	
	05.86- 03.88	112149	14	65					
	AC 05.86- 03.88	110990#	14	90					
[AAM]	08.90- 11.92	112149	14	65					
	12.92- 05.97	111479	14	90					
Passat 1.8 4 Motion	[AWM]					Chas. -3B4157000 03.01- 05.05	112321	12	1.1
						Chas. 3B4157001-03.01- 05.05	114179	12	1.2
Passat 1.8 Syncro	[DS]	01.86- 03.88	112149	14	65	01.86- 03.88	110865	12	0.95
	[JN]					01.86- 03.88	110865	12	0.95
Passat 1.8 Syncro 4 Motion	[ADR]	10.96- 11.00	113783#	14	70	06.97-	112321	12	1.1
	06.97- 09.98	111478	14	90					
	09.98-	112398	14	70					
	09.98-	112399	14	90					
	09.98-	113283	14	120					
[APT]	01.99-	112398	14	70	01.99-	112321	12	1.1	
	01.99-	112399	14	90					
	01.99-	113283	14	120					
[ARG]	01.99- 11.00	112398	14	70	06.97- 11.00	112321	12	1.1	
	01.99- 11.00	112399	14	90					
	01.99- 11.00	113283	14	120					
Passat 1.8 16V	[KR]	04.88- 07.92	111160	14	65	AT 04.88- 07.90	111523		
						AT 08.91- 07.92	111748	12	1.1
	07.89- 07.92	112750	14	90	AT 08.90- 07.91	111059	12	0.9	
					08.90- 07.91	112131	12	1.4	
	AC				08.90- 07.91	111751	12	1.0	
Passat 1.8 G60 Syncro	[PG]	09.89- 06.92	112797	14	90	08.90- 07.91	112131	12	1.4
	09.89- 06.92	112796#	14	65	09.89- 07.90	111751	12	1.0	
	07.92- 03.97	111352	14	70					
	07.92- 03.97	111479	14	90					
	07.92- 03.97	111733#	14	120					
	AC 07.92- 03.97	111353	14	70					
	AC 07.92- 03.97	111477	14	90					
Passat 1.8 TSi	[CDAB]					02.11-	114163	12	1.1
	[CDAA]					06.08-	114163	12	1.1
	[BZB]					05.07-	114163	12	1.1
Passat 1.8 Turbo 20V	[AWL]	11.00- 05.05	113882	14	120	Chas. 3B-4-200001- 11.00- 05.05	114179	12	1.2
	[AWT]	11.00-	112399	14	90	Chas. -3B-4-200000 11.00-	112321	12	1.1
		AC 11.00-	112399	14	90	Chas. 3B-4-200001- 11.00- 05.05	114179	12	1.2
	[AWL]					Chas. -3B-4-200000 11.00- 05.05	112321	12	1.1
	[AWT]	11.00-	112398	14	70				
			113283	14	120				
		11.00- 05.05	113882	14	120				



Passat 1.8 Turbo	[ANB]	10.96- 11.00	113882	14	120		08.98- 11.00	112321	12	1.1	
	[APU]	10.96- 11.00	113882	14	120		01.99- 11.00	112321	12	1.1	
	[AEB]	10.96- 11.00	113882	14	120		10.96- 11.00	112321	12	1.1	
	[AEB]	10.96- 09.98	111478	14	90						
		10.96- 11.00	113783#	14	70						
		09.98- 11.00	112398	14	70						
		09.98- 11.00	112399	14	90						
		09.98- 11.00	113283	14	120						
	[ANB]	08.98- 11.00	112398	14	70						
		08.98- 11.00	112399	14	90						
		08.98- 11.00	113283	14	120						
	[APU]	01.99- 11.00	112398	14	70						
	01.99- 11.00	112399	14	90							
	01.99- 11.00	113283	14	120							
[AWM]	02.01- 02.01	112398	14	70		Chas. 3B-4-200001-02.01-	05.05	114179	12	1.2	
	02.01- 02.01	112399	14	90		Chas. -3B-4-200000 02.00-	10.03	112321	12	1.1	
	02.01- 02.01	113283	14	120							
Passat 1.9	[WV]	01.81- 07.81	110911	14	55		01.81- 07.83	110824	12	1.1	
		01.81- 07.81	111139	14	75						
		01.81- 07.83	111652	14	65						
		01.81- 07.83	111653	14	45						
		01.81- 07.83	110990#	14	90						
	AC 08.81- 07.83	110990#	14	90							
Passat 1.9 Diesel	[1V]	11.91- 09.93	111352	14	70		05.89- 07.91	112134	12	2.0	
		11.91- 09.93	111733#	14	120		AT 05.89- 09.93	112286	12	1.7	
		AC 11.91- 09.93	111353	14	70		08.91- 09.93	112133	12	1.7	
	[1V]	05.89- 11.91	110902	14	45						
		05.89- 11.91	111154	14	65						
		05.89- 11.91	112765	14	90						
		11.91- 09.93	111479	14	90						
		AC 05.89- 09.93	111733#	14	120						
		AC 11.91- 09.93	111477	14	90						
	Passat 1.9 TD	[AAZ]	03.91- 03.97	111479	14	90		AT 03.91- 03.97	112286	12	1.7
		03.91- 03.97	111733#	14	120		03.91- 07.91	112134	12	2.0	
		AC 03.91- 03.97	111477	14	90		08.91- 02.96	112133	12	1.7	
		AC 03.91- 03.97	111733#	14	120		04.94- 03.97	111900	12	1.8	
[AAZ]		03.91- 03.97	111352	14	70						
		AC 03.91- 03.97	111353	14	70						
Passat 1.9 TDI	[AFN]	10.96- 11.00	113770	14	120		AT 03.96- 03.97	112286	12	1.7	
		09.98- 11.00	112396	14	90		03.96- 03.97	111900	12	1.8	
	[AHU]	10.96- 06.97	112045	14	120		08.96- 03.97	111900	12	1.8	
	[1Z]	10.93- 08.96	111353	14	70		04.94- 08.96	111900	12	1.8	
		10.93- 08.96	111477	14	90		AT 10.93- 08.96	112286	12	1.7	
		10.93- 08.96	111988	14	120		10.93- 02.96	112133	12	1.7	
	[AJM]	08.98- 11.00	112396	14	90		AT 08.98- 11.00	111694	12	1.8	
		09.98- 11.00	112397	14	120		08.98- 11.00	112443	12	1.8	
	[ATJ]	12.99- 11.00	112396	14	90		12.99- 11.00	112443	12	1.8	
		12.99- 11.00	112397	14	120		AT 12.99- 11.00	111694	12	1.8	
	[AVG]	08.99- 11.00	112397	14	120		10.96- 11.00	111694	12	1.8	
	[AFN]	09.98- 11.00	112397	14	120		10.96- 11.00	111694	12	1.8	
	[AVB]	10.00- 11.00	113252	14	140		AT 10.00- 11.00	111694	12	1.8	
	[AWX]	11.00- 11.00	112396	14	90		AT 11.00- 11.00	111694	12	1.8	
		11.00- 11.00	112397	14	120		11.00- 11.00	112443	12	1.8	
	[AVF]	11.00- 11.00	112396	14	90		11.00- 11.00	112443	12	1.8	
		11.00- 11.00	112397	14	120		11.00- 05.05	114171	12	1.7	
		11.00- 11.00	113252	14	140		AT 11.00- 11.00	111694	12	1.8	
	[BLS]	03.05- 03.05	114109	14	180		08.05- 08.05	113842	12	1.7	
	[BKC]	03.05- 03.05	114109	14	180		03.05- 03.05	113842	12	1.7	
	[1Z]										
		AT									
	[AFN]	03.96- 03.97	111353	14	70						
		03.96- 03.97	111477	14	90						
		03.96- 03.97	111828	14	120						
	[AHH]	09.98- 11.00	112396	14	90		05.98- 11.00	111694	12	1.8	
		09.98- 11.00	112397	14	120						
	[AHU]	08.96- 03.97	111353	14	70		10.96- 11.00	111694	12	1.8	
		08.96- 03.97	111477	14	90						
		08.96- 03.97	111988	14	120						
	10.96- 11.00	113770	14	120							
	09.98- 11.00	112396	14	90							
	09.98- 11.00	112397	14	120							
[AJM]	08.98- 11.00	113770	14	120							
	AC 08.98- 11.00	112397	14	120							
[AVB]	10.00- 10.00	112396	14	90							
	10.00- 10.00	112397	14	120							
[AVG]	09.99- 11.00	112396	14	90							
[AWX]	11.00- 11.00	113252	14	140							
[BKC]	03.05- 03.05	113992	14	140							
[BLS]	03.05- 03.05	113992	14	140							
[BXE]	03.05- 03.05	113992	14	140							
	03.05- 03.05	114109	14	180							
Passat 1.9 TDi 4 Motion	[AVF]						11.00- 12.03	112443	12	1.8	
	[AVF]	11.00- 11.00	113252	14	140		11.00- 05.05	114171	12	1.7	
	[AVF]	11.00- 11.00	112397	14	120		AT 11.00- 11.00	111694	12	1.8	
Passat 1.9 TDi Syncro 4 Motion	[AJM]	08.99- 02.01	112397	14	120		08.99- 02.01	111694	12	1.8	
	[ATJ]	08.99- 02.01	112397	14	120		12.99- 11.00	112443	12	1.8	
	[ATJ]	08.99- 02.01	112396	14	90		AT 08.99- 02.01	111694	12	1.8	
	[AFN]	10.96- 11.00	113770	14	120		06.97- 06.97	111694	12	1.8	
		09.98- 09.98	112396	14	90						
		09.98- 09.98	112397	14	120						
	[AJM]	08.99- 02.01	112396	14	90						
	[AVG]	09.98- 08.00	112396	14	90		06.97- 08.00	111694	12	1.8	
		09.98- 08.00	112397	14	120						
	Passat 2.0	[2E]						AT 08.91- 09.94	111748	12	1.1
		03.90- 07.92	112149	14	65		08.91- 09.94	111749	12	1.1	
		AC 07.92- 09.94	111353	14	70		08.90- 07.91	111751	12	1.0	
[ADY]		10.94- 07.95	111352	14	70		10.94- 07.95	111749	12	1.1	
		AC 10.94- 07.95	111477	14	90		AT 10.94- 07.95	111748	12	1.1	
[AGG]		07.95- 03.97	111733#	14	120		AT 07.95- 03.97	111748	12	1.1	
		AC 07.95- 03.97	111353	14	70		07.95- 03.97	111749	12	1.1	
[2E]		07.92- 09.94	111352	14	70		AT 08.90- 07.91	111059	12	0.9	
		07.92- 09.94	111479	14	90		08.90- 07.91	112131	12	1.4	
		AC 07.92- 09.94	111477	14	90		AT 03.90- 07.90	111523	12	1.1	
[BFF]		11.00- 05.05	113882	14	120		Chas. 3B-4-200001-11.00-	05.05	114179	12	1.2
[ALT]		11.01- 11.01	112399	14	90		Chas. 3B-4-200001-11.01-	05.05	114179	12	1.2
[AZM]		11.00- 11.00	112398	14	70		Chas. -3B-4-200000 11.00-	10.03	112321	12	1.1
		11.00- 11.00	112399	14	90		Chas. 3B-4-200001-11.00-	05.05	114179	12	1.2
[ALT]							Chas. -3B-4-200000 11.01-	10.03	112321	12	1.1
[2E]		07.92- 09.94	111733#	14	120						
[ADY]		10.94- 07.95	111479	14	90						
		10.94- 07.95	111733#	14	120						
		AC 10.94- 07.95	111353	14	70						
[AEP]							AT 10.94- 03.97	111909	12	1.1	
[AGG]	07.95- 03.97	111352	14	70							
	07.95- 03.97	111479	14	90							
	AC 07.95- 03.97	111477	14	90							
[ASU]						01.00- 08.00	112321	12	1.1		
[AUZ]						01.00- 08.00	112321	12	1.1		



VW Continued

Application list

	[AZM]	11.00-	113283	14	120				
		11.00- 05.05	113882	14	120				
	[BFF]					Chas. -3B-4-200000	11.00- 05.05	112321	12 1.1
	[HP]						08.83- 03.88	111010	12 1.4
							08.83- 03.88	110824	12 1.1
		08.83- 07.87	112729	14	90				
		08.85- 03.88	111539#	14	70				
		AC 08.83- 12.85	110990#	14	90				
	[JS]						08.84- 03.88	111010	12 1.4
							08.83- 07.84	110824	12 1.1
		08.85- 03.88	111539#	14	70				
		AC 08.83- 12.85	110990#	14	90				
Passat 2.0 4 Motion	[AZM]	11.00-	112398	14	70	Chas. 3B-4-200001-	11.00- 05.05	114179	12 1.2
	[AZM]	11.00-	112399	14	90	Chas. -3B-4-200000	11.00- 11.03	112321	12 1.1
	[ASU]						01.00- 08.00	112321	12 1.1
Passat 2.0 Syncro	[AZM]	11.00-	113283	14	120				
	[AGG]	07.95- 12.96	111479	14	90		07.95- 12.96	111749	12 1.1
	[ADY]	10.94- 12.95	111352	14	70		10.94- 12.95	111749	12 1.1
	[2E]						08.91- 09.94	111749	12 1.1
							10.90- 07.91	112131	12 1.4
	[2E]	07.92- 09.94	111479	14	90				
		10.90- 07.92	112149	14	65				
		07.92- 09.94	111352	14	70				
		07.92- 09.94	111733#	14	120				
		AC 07.92- 09.94	111353	14	70				
		AC 07.92- 09.94	111477	14	90				
	[ADY]	10.94- 12.95	111479	14	90				
		10.94- 12.95	111733#	14	120				
		AC 10.94- 12.95	111353	14	70				
		AC 10.94- 12.95	111477	14	90				
	[AGG]	07.95- 12.96	111352	14	70				
		07.95- 12.96	111733#	14	120				
		AC 07.95- 12.96	111353	14	70				
		AC 07.95- 12.96	111477	14	90				
	[JS]						08.84- 07.85	111010	12 1.4
Passat 2.0 16V	[9A]	08.88- 09.93	111160	14	65		AT 08.91- 09.93	111748	12 1.1
							08.90- 07.91	111751	12 1.0
							08.91- 09.93	111749	12 1.1
	[ABF]	01.94- 03.97	111353	14	70		01.94- 03.97	111749	12 1.1
		01.94- 03.97	111733#	14	120		AT 01.94- 03.97	111748	12 1.1
	[9A]						AT 08.90- 07.91	111059	12 0.9
							08.88- 07.90	111523	
							08.90- 07.91	112131	12 1.4
Passat 2.0 16V GT	[ABF]	01.94- 03.97	111477	14	90				
	[9A]	08.88- 09.93	111160	14	65		08.91- 09.93	111749	12 1.1
							AT 08.88- 07.90	111523	
							AT 08.90- 07.91	111059	12 0.9
							08.90- 07.91	111751	12 1.0
							08.90- 07.91	112131	12 1.4
							AT 08.91- 09.93	111748	12 1.1
Passat 2.0 FSI	[BLR]	03.05- 11.05	113992	14	140		03.05-	113773	12 1.1
	[BLY]	03.05- 11.05	114109	14	180		03.05- 11.05	114163	12 1.1
	[BVV]	11.05-	114109	14	180		11.05-	114163	12 1.1
	[BVZ]	11.05-	114109	14	180		08.05-	114163	12 1.1
	[BLR]						AT 03.05-	111909	12 1.1
	[BLR]	03.05- 11.05	114109	14	180		03.05- 11.05	114163	12 1.1
	[BLY]	03.05- 11.05	113992	14	140		03.05-	113773	12 1.1
	[BVV]	11.05-	113992	14	140				
	[BVZ]	08.05-	113992	14	140				
Passat 2.0 FSI 4 Motion	[BLY]	09.05-	113992	14	140		09.05-	114163	12 1.1
	[BVX]	09.05-	113992	14	140		09.05-	114163	12 1.1
		09.05-	114109	14	180		09.05-	113773	12 1.1
	[BLX]	09.05-	113992	14	140		09.05-	113773	12 1.1
		09.05-	114109	14	180		09.05-	114163	12 1.1
	[BLY]	09.05-	114109	14	180		09.05-	113773	12 1.1
Passat 2.0 TFSI	[BPV]	07.05-	114109	14	180		07.05-	113773	12 1.1
	[AXX]	07.05-	114109	14	180		07.05-	113773	12 1.1
	[BWA]	07.05-	113992	14	140		07.05-	113773	12 1.1
	[AXX]	07.05-	113992	14	140				
	[BPV]	07.05-	113992	14	140				
	[BWA]	07.05-	114109	14	180				
Passat 2.0 TSI	[CCZB]						11.10-	113773	12 1.1
Passat 2.0 TDI 16V	[BKP]	03.05-	113992	14	140		AT 03.05-	113509	12 1.7
	[BKP]	03.05-	114109	14	180		03.05-	113841	12 1.7
	[CBAB]	01.08-	113992	14	140				
		01.08-	114109	14	180				
Passat 2.0 TDI 16V 4 Motion	[BKP]	03.05-	113992	14	140		03.05-	113841	12 1.7
	[BKP]	03.05-	114109	14	180				
	[CBAB]	05.08-	113992	14	140				
		05.08-	114109	14	180				
Passat 2.0 TDI	[CFFA]	08.10-	113992	14	140		08.10-	113841	12 1.7
	[BGW]	12.03-	112396	14	90		11.03- 12.03	112443	12 1.8
		12.03-	113252	14	140		AT 11.03-	111694	12 1.8
	[BGH]						12.03- 05.05	114171	12 1.7
	[BGW]	12.03-	112397	14	120		12.03- 05.05	114171	12 1.7
	[BMR]	08.05-	114109	14	180		08.05-	113841	12 1.7
	[BMA]	03.05-	114109	14	180		05.08-	113841	12 1.7
	[BVD]	08.05-	114109	14	180		08.05-	113841	12 1.7
	[BVE]	08.05-	114109	14	180		08.05-	113841	12 1.7
	[BWW]	11.05-	114109	14	180		11.05-	113841	12 1.7
	[BMP]	03.05-	113992	14	140		03.05-	113841	12 1.7
	[BMR]	08.05-	113992	14	140		AT 08.05-	113509	12 1.7
	[BMA]	03.05-	113992	14	140				
	[BMP]	03.05-	114109	14	180				
	[BVD]	08.05-	113992	14	140				
	[BVE]	08.05-	113992	14	140				
	[BWW]	11.05-	113992	14	140				
	[CBAB]	06.08-	113992	14	140				
		06.08-	114109	14	180				
	[CBBB]	08.05-	113992	14	140				
		08.05-	114109	14	180				
	[CBDC]	11.08-	113992	14	140				
	[CBAA]	01.08-	113992	14	140				
		01.08-	114109	14	180				
	[CFFB]	08.10-	113992	14	140				
		08.10-	114109	14	180				
	[CFGB]	08.10-	113992	14	140				
		08.10-	114109	14	180				
	[CLLA]	08.10-	113992	14	140				
		08.10-	114109	14	180				
Passat 2.0 TDI 4 Motion	[BMP]	03.05-	114109	14	180		03.05-	113841	12 1.7
	[BMP]	03.05-	113992	14	140				
	[CBAB]	08.09-	113992	14	140				
		08.09-	114109	14	180				
	[CBBB]	05.09-	113992	14	140				
		05.09-	114109	14	180				



Passat 2.0 TDI 4motion	[CFFB]	08.10-	113992	14	140				
	[CFGB]	08.10-	113992	14	140				
		08.10-	114109	14	180				
	[CLLA]	08.10-	113992	14	140				
		08.10-	114109	14	180				
Passat 2.0 TDI Blue	[CBAC]	05.09-	113992	14	140				
		05.09-	114109	14	180				
Passat 2.0 TDI BlueTDI	[CBAC]	01.09-	113992	14	140				
		01.09-	114109	14	180				
Passat 2.0 TDI CC	[CBBB]	06.08-	113992	14	140				
		06.08-	114109	14	180				
	[CBAA]	06.08-	113992	14	140				
		06.08-	114109	14	180				
Passat 2.1	[WE]	08.81- 07.83	111072	14	50	08.81- 07.83	110824	12	1.1
		08.81- 07.83	111652	14	65				
		08.81- 07.83	111653	14	45				
Passat 2.2	[KV]					01.85- 03.88	111010	12	1.4
						01.81- 07.83	110824	12	1.1
		08.85- 03.88	111539#	14	70				
		AC 01.85- 12.85	110990#	14	90				
		AC							
Passat 2.2 Syncro	[JT]					08.85- 03.88	111010	12	1.4
		08.85- 03.88	111539#	14	70				
		AC 08.85- 12.85	110990#	14	90				
	AC								
Passat 2.3 V5	[AZX]	11.00-	113283	14	120				
		11.00-	112399	14	90				
Passat 2.3 V5 4 Motion	[AZX]	11.00-	112399	14	90	11.00-	111868	12	1.1
		11.00-	113283	14	120				
Passat 2.3 VR5	[AZX]	11.00-	112399	14	90				
	[AGZ]	09.98- 11.00	112399	14	90	10.96- 11.00	111868	12	1.1
		09.98- 11.00	113283	14	120				
Passat 2.3 VR5 4 Motion	[AZX]	11.00-	112399	14	90				
	[AZX]	11.00-	113283	14	120	11.00- 05.05	111868	12	1.1
		11.00-	112399	14	90				
Passat 2.3 VR5 Syncro 4 Motion	[AGZ]	09.98- 11.00	112399	14	90	10.96-	111868	12	1.1
	[AGZ]	09.98- 11.00	113283	14	120				
Passat 2.5 TDI	[AFB]	11.00-	111995			07.98-	111995	12	2.0
	[AKN]					07.98- 05.03	111995	12	2.0
	[BDG]	05.03-	113510	14	140	05.03-	111995	12	2.0
Passat 2.5 TDI 4 Motion	[AFB]	11.00-	111995			11.00- 05.05	111995	12	2.0
	[AKN]	11.00-	111995			11.00- 01.03	111995	12	2.0
	[AFB]					11.00- 05.05	111995	12	2.0
	[BAU]	01.03-	113510	14	140	01.03-	111995	12	2.0
	[BDH]	01.03-	113510	14	140	01.03-	111995	12	2.0
		12.98- 11.00	113758	14	120	08.98-	111995	12	2.0
Passat 2.5 TDI Syncro 4 Motion	[AKN]					05.99-	111995	12	2.0
Passat 2.8	[AQD]	01.99- 11.00	112399	14	90	01.99- 11.00	111769	12	1.4
	[APR]	01.99- 11.00	113751	14	120	01.99- 11.00	111769	12	1.4
	[ACK]	01.97- 11.00	112806	14	120	01.97- 04.97	112309	12	1.4
	[AGE]	05.97- 09.98	112806	14	120	05.97- 09.99	111769	12	1.4
	[ACK]					05.97- 11.00	111769	12	1.4
	[ATX]	10.99- 11.00	112399	14	90	09.99- 11.00	111769	12	1.4
	[BBG]					09.99- 11.00	111769	12	1.4
						09.99- 11.00	111769	12	1.4
Passat 2.8 4 Motion	[ATX]	10.99- 11.00	112399	14	90	09.99- 11.00	111769	12	1.4
	[AMX]					11.00- 05.05	111769	12	1.4
	[ATQ]					11.00- 05.05	111769	12	1.4
Passat 2.8 Syncro 4 Motion	[APR]	01.99- 11.00	113751	14	120	01.99-	111769	12	1.4
	[ACK]	05.97- 09.98	112806	14	120	05.97- 11.00	111769	12	1.4
						10.96- 04.97	112309	12	1.4
	[ALG]	05.97- 09.98	112806	14	120	05.97- 11.00	111769	12	1.4
		09.98- 11.00	112399	14	90	10.96- 04.97	112309	12	1.4
					05.97- 11.00	111769	12	1.4	
					10.96- 04.97	112309	12	1.4	
Passat 2.8 VR6	[AAA]	06.91- 07.92	111353	14	70	06.91- 03.97	112166	12	1.7
		12.94- 03.97	112709	14	120	AT 06.91- 03.97	112286	12	1.7
		06.91- 12.94	111733#	14	120				
Passat 2.9 VR6 Syncro	[ABV]					01.94- 03.97	112166	12	1.7
	[ABV]								
		01.94- 11.94	111733#	14	120				
		11.94- 03.97	111828	14	120				
Passat 3.2 FSi 4 Motion	[AXZ]	11.05-	114109	14	180	11.05-	113509	12	1.7
	[AXZ]	11.05-	113992	14	140				
Passat CC 1.4 TSI MultiFuel	[CKMA]	01.11-	114163						
Passat CC 2.0 TSI	[CCZB]					11.10-	113773	12	1.1
						11.10-	114299	12	1.7
Phaeton 3.0 TDI 4 Motion	[CARA]					06.07-	114094	12	2.2
Phaeton 3.0 V6 TDI 4 Motion	[BMK]					09.04-	114094	12	2.2
Polo 0.8	[HE]	01.76- 05.77	111083#	14	70	01.76- 05.77	110339	12	0.8
	[HE]	01.76- 05.77	110360	14	45				
Polo 0.9	[HA]	04.75- 09.81	110360	14	45	04.75- 09.81	110339	12	0.8
		04.75- 09.81	110913	14	70				
		09.75- 07.79	111083#	14	70				
Polo 1.0	[ACM]	02.92- 09.94	111288	14	65	02.92- 09.94	111058	12	0.8
		02.92- 09.94	112763	14	55				
	[AER]	03.96-	111352	14	70	09.96- 10.99	113750	12	0.9
		03.96-	111479	14	90				
		PS 03.96-	111353	14	70				
		PS 03.96-	111477	14	90				
	[AEV]	10.94- 12.99	111352	14	70				
		PS 10.94- 12.99	111353	14	70				
		PS 10.94- 12.99	111477	14	90				
	[ALD]	PS 10.99-	112273	14	70	07.98- 09.01	113750	12	0.9
		AC 10.99-	112274	14	90				
	[ALL]	PS 05.97- 12.99	111820	14	90	09.96- 12.99	113750	12	0.9
[AUC]	PS 10.99-	112273	14	70	10.99- 09.01	113750	12	0.9	
	AC 10.99-	112274	14	90					
[GL]	10.81- 07.85	110360	14	45	10.81- 07.84	110339	12	0.8	
	10.81- 07.85	110913	14	70	08.84- 10.86	111058	12	0.8	
	08.83- 07.85	111083#	14	70					
	08.85- 10.86	111095	14	65					
	08.85- 10.86	110896#	14	55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





VW Continued

Application list

	[HZ]	08.85- 12.88	111095	14	65	08.85- 08.90	111058	12	0.8
		08.85- 12.88	110896#	14	55				
		12.88- 08.90	111288	14	65				
		12.88- 08.90	112763	14	55				
	[AAK]	08.89- 09.94	111288	14	65	01.85- 09.94	111058	12	0.8
		08.89- 09.94	112763	14	55				
	[AAU]	10.90- 09.94	111288	14	65	01.85- 09.94	111058	12	0.8
		10.90- 09.94	112763	14	55				
Polo 1.05	[AEV]	10.94-	111352	14	70	10.94- 09.96	112307	12	1.1
	[AEV]	10.94-	111479	14	90				
		PS 10.94-	111353	14	70				
		PS 10.94-	111477	14	90				
Polo 1.1	[HB]	03.75- 07.83	110360	14	45	03.75- 07.83	110339	12	0.8
		03.75- 07.79	111083#	14	70				
		08.79- 07.83	110913	14	70				
	[HC]	03.75- 07.77	110360	14	45	04.75- 09.81	110339	12	0.8
		03.75- 07.77	111083#	14	70				
Polo 1.2	[AZO]	10.01-	113880	14	70	10.01-	112435	12	1.1
		08.02-	113253	14	90	10.01-	113515	12	0.9
	[BME]	10.01-	113880	14	70	10.01-	113515	12	0.9
		08.02-	113253	14	90	10.01-	112435	12	1.1
	[AWY]	01.02-	113253	14	90	01.02-	112435	12	1.1
		01.02-	113880	14	70	01.02-	113515	12	0.9
	[BMD]	01.02-	113253	14	90	01.02-	112435	12	1.1
		01.02-	113880	14	70	01.02-	113515	12	0.9
Polo 1.2 TSi	[CBZB]					06.09-	114034	12	1.0
Polo 1.3	[HJ]	10.81- 07.82	110913	14	70	10.81- 07.82	110339	12	0.8
	[HW]	08.83- 07.85	110360	14	45	08.83- 07.84	110339	12	0.8
		08.83- 07.85	110913	14	70	08.84- 07.85	111058	12	0.8
	[3F]	08.85- 12.88	110896#	14	55	08.84- 09.94	111058	12	0.8
	[2G]	12.88- 09.94	111288	14	65	12.88- 09.94	111058	12	0.8
		12.88- 09.94	112763	14	55				
	[3F]	08.82- 07.85	110360	14	45	08.82- 07.84	110339	12	0.8
		08.82- 07.85	110913	14	70				
		08.82- 07.85	111083#	14	70				
		08.85- 12.88	111095	14	65				
		12.88- 09.94	111288	14	65				
		12.88- 09.94	112763	14	55				
	[ADX]	10.94-	111352	14	70	10.94- 07.95	112307	12	1.1
		10.94-	111479	14	90				
		PS 10.94-	111353	14	70				
		PS 10.94-	111477	14	90				
	[GK]	09.82- 07.85	110360	14	45	08.84- 08.90	111058	12	0.8
		09.82- 07.85	110913	14	70	09.82- 07.84	110339	12	0.8
		09.82- 07.85	111083#	14	70				
		08.85- 12.88	111095	14	65				
		08.85- 12.88	110896#	14	55				
		12.88- 08.90	111288	14	65				
		12.88- 08.90	112763	14	55				
	[HH]	01.77- 07.83	110360	14	45	01.77- 07.83	110339	12	0.8
		01.77- 07.83	111083#	14	70				
		08.79- 07.83	110913	14	70				
	[HJ]	10.81- 07.82	110360	14	45				
	[HK]	08.83- 07.85	110360	14	45	08.83- 07.84	110339	12	0.8
		08.83- 07.85	110913	14	70	08.84- 07.85	111058	12	0.8
		08.83- 07.85	111083#	14	70				
	[MH]	08.83- 07.88	110360	14	45	08.84- 12.92	111058	12	0.8
		08.83- 07.85	110913	14	70	08.83- 07.84	110339	12	0.8
		08.83- 07.85	111083#	14	70				
		08.85- 12.88	111095	14	65				
		08.85- 12.88	110896#	14	55				
		12.88- 12.92	111288	14	65				
		12.88- 12.92	112763	14	55				
	[NZ]	08.83- 07.85	110360	14	45	08.84- 12.92	111058	12	0.8
		08.83- 07.85	110913	14	70	08.83- 07.84	110339	12	0.8
		08.83- 07.85	111083#	14	70				
		08.85- 12.88	111095	14	65				
		08.85- 12.88	110896#	14	55				
		12.88- 12.92	111288	14	65				
		12.88- 12.92	112763	14	55				
	[AAV]	01.91- 09.94	111288	14	65	01.91- 09.94	111058	12	0.8
		01.91- 09.94	112763	14	55				
Polo 1.3 G40	[PY]	01.87- 09.94	111095	14	65	01.87- 09.94	111058	12	0.8
		12.88- 08.90	111288	14	65				
Polo 1.3 Diesel	[MN]	08.86- 08.90	111154	14	65				
		08.86- 08.90	111288	14	65				
		08.86- 08.90	112763	14	55				
		08.86- 08.90	111801#	14	70				
Polo 1.4	[AEX]	07.95-	111479	14	90	07.95- 10.99	113750	12	0.9
	[AKV]	05.97-	111352	14	70	05.97- 12.99	113750	12	0.9
		05.97-	111479	14	90	AT 07.95-	111823	12	1.1
	[APO]	PS 11.97- 12.99	111353	14	70	11.97- 12.99	113750	12	0.9
		PS 11.97- 12.99	111477	14	90	AT 07.95-	111823	12	1.1
	[AEX]	07.95- 10.99	111352	14	70	AT 07.95-	111823	12	1.1
	[AEP]	07.97- 12.97	111820	14	90	07.95- 10.99	112307	12	1.1
	[AKP]	PS 12.98- 09.01	112273	14	70	AT 12.98- 09.01	111823	12	1.1
		AC 12.98- 09.01	112274	14	90	12.98- 09.01	112307	12	1.1
	[APO]	11.97- 12.99	111352	14	70	11.97- 12.99	112307	12	1.1
	[AKK]	A20 10.99- 09.01	111477	14	90	10.99- 09.01	112307	12	1.1
	[AKV]	PS 05.97-	111477	14	90	07.95-	112307	12	1.1
	[ANW]	10.99- 08.00	112274	14	90	09.98- 09.01	113750	12	0.9
	[AUD]	PS 10.99- 09.01	112273	14	70	06.00- 09.01	112307	12	1.1
	[ANW]	A20 10.99- 08.00	111477	14	90	10.99- 08.00	112307	12	1.1
	[AUB]	AC 10.01-	112274	14	90	10.01-	113662	12	2.0
	[AEX]	PS 07.95- 10.99	111353	14	70				
		PS 07.95- 10.99	111477	14	90				
		AC 05.97-	111477	14	90				
	[AKK]	10.99- 09.01	111820	14	90				
		10.99-	112273	14	70				
		10.99- 09.01	112274	14	90				
	[AKV]	12.97- 08.99	111820	14	90				
		PS 05.97-	111353	14	70				
		AC 05.97-	111477	14	90				
	[ANW]	10.99- 08.00	111820	14	90				
	[APO]	12.97- 08.99	111820	14	90				
	[AUB]	10.01-	113870	14	70				
	[AUD]	06.00- 09.01	112273	14	70	AT 10.99- 09.01	111823	12	1.1
		06.00- 09.01	112274	14	90				
		ACPS 10.99- 09.01	112274	14	90				
		A20 06.00- 09.01	111477	14	90				
	[BBY]	07.03-	112274	14	90	07.03- 08.04	111823	12	1.1
		07.03-	113870	14	70	07.03-	113515	12	0.9
		07.03-	113874	14	110				
	[BBZ]	11.03-	112274	14	90	11.03-	113515	12	0.9
	[AAK]	ACPS 09.98- 09.01	112274	14	90	AT 09.98- 09.01	111823	12	1.1



Polo 1.4 16V	[APE]	10.99-	112274	14	90	10.99-	112307	12	1.1	
	[APE]	10.99-	112273	14	70	10.99- 09.01	113750	12	0.9	
	[AFH]	04.96-	111353	14	70	04.96-	112307	12	1.1	
	[AHW]	10.99-	112273	14	70	AT 10.99-	111823	12	1.1	
			10.99-	112274	14	90	10.99- 09.01	113750	12	0.9
			10.99- 09.01	113874	14	110	10.99-	112307	12	1.1
	[AUA]	06.00- 09.01	111820	14	90	10.99- 09.01	113750	12	0.9	
	[AUA]	10.99- 09.01	112274	14	90	10.99- 09.01	112307	12	1.1	
	[AUA]	10.01-	113870	14	70	10.01-	113515	12	0.9	
	[BBY]	10.01-	113870	14	70	10.01-	112435	12	1.1	
		AC 10.01-	112274	14	90	10.01-	113515	12	0.9	
	[BKY]	10.01-	113870	14	70	10.01-	112435	12	1.1	
		AC 10.01-	112274	14	90	10.01-	113515	12	0.9	
	[AUA]	10.99- 09.01	113874	14	110	10.99-	112435	12	1.1	
	[AUA]	10.99- 09.01	112273	14	70	AT 10.99-	111823	12	1.1	
	[AFH]	04.96-	111477	14	90					
	[AFK]	10.99-	112273	14	70	10.99-	112307	12	1.1	
		10.99-	112274	14	90					
		10.99- 09.01	113870	14	70					
	[APE]	10.99- 09.01	113874	14	110					
	[AQQ]	10.99-	112273	14	70					
		10.99-	112274	14	90					
		10.99- 09.01	113870	14	70					
	[AUA]	AC 10.99-	112274	14	90					
	[AUB]	10.99-	112273	14	70	10.99-	112307	12	1.1	
		10.99-	112274	14	90					
		10.99- 09.01	113870	14	70					
	[BBY]					AT 10.01-	111823	12	1.1	
	[BBZ]	10.01-	113870	14	70	10.01-	112435	12	1.1	
		AC 10.01-	112274	14	90					
[BKY]					AT 10.01-	111823	12	1.1		
[BUD]	05.06-	113870	14	70						
	05.06-	113874	14	110						
Polo 1.4 FSI	[AXU]				09.01-	113515	12	0.9		
Polo 1.4 GTI	[CAVE]	05.10-	113861	14	110					
Polo 1.4 Diesel	[1W]	10.90- 09.94	111154	14	65	01.91- 09.94	111058	12	0.8	
		10.90- 09.94	111801#	14	70					
Polo 1.4 Flexfuel	[CMAA]	03.10- 01.11	113874	14	110	03.10- 01.11	114034	12	1.0	
Polo 1.4 TDI	[AMF]	10.99- 09.01	113873	14	70	10.01-	113842	12	1.7	
		10.99- 09.01	113840#	14	90	10.99-	111900	12	1.8	
	[BAY]	10.01-	113275	14	120	10.01-	111900	12	1.8	
	[BMS]	04.05-	112079	14	90	04.05-	113842	12	1.7	
	[BNV]	04.05-	113840#	14	90	04.05-	113842	12	1.7	
	[AMF]	10.99-	113275	14	120					
	[BAY]	10.01-	113873	14	70	07.03-	113842	12	1.7	
		10.01-	113840#	14	90					
	[BMS]	04.05-	113275	14	120					
		04.05-	113873	14	70					
	[BNM]	04.05-	110279							
		04.05-	113275	14	120					
		04.05-	113873	14	70					
		04.05-	113840#	14	90					
	[BNV]	04.05-	112079	14	90					
		04.05-	113275	14	120					
		04.05-	113873	14	70					
	[BWB]	04.05-	113873	14	70					
		AC 04.05-	113840#	14	90					
Polo 1.6	[AEE]	07.95- 12.99	111477	14	90	AT 07.95- 12.99	111823	12	1.1	
	[1F]	AC 11.95- 09.97	111477	14	90	11.95-	111748	12	1.1	
	[AEH]	10.99- 09.01	112075	14	70	10.99- 09.01	111909	12	1.1	
	[AFT]	12.95-	111352	14	70	12.95-	111748	12	1.1	
	[AKL]	10.99- 09.01	111820	14	90	10.99- 09.01	111909	12	1.1	
	[ALM]	11.95- 09.01	112274	14	90	11.95- 09.01	112307	12	1.1	
	[APF]	03.00- 10.00	112075	14	70	03.00- 10.00	111909	12	1.1	
	[AUR]	12.95- 09.01	111989	14	90	12.95- 09.01	111909	12	1.1	
	[AEE]	AC 07.95-	111477	14	90	07.95- 12.99	112307	12	1.1	
	[1F]	11.95- 09.97	111820	14	90	11.95- 09.97	111909	12	1.1	
	[1F]	11.95- 09.97	111352	14	70					
		11.95-	111479	14	90					
	[AEA]	10.94- 07.95	111353	14	70	10.94- 07.95	112307	12	1.1	
		10.94- 07.95	111477	14	90					
	[AEE]	07.95- 12.99	111353	14	70					
	[AEH]	10.99- 09.01	111820	14	90	05.97-	111748	12	1.1	
		10.99- 09.01	111989	14	90					
		A20 10.99- 09.01	111477	14	90					
	[AFT]	12.95-	111479	14	90					
		05.97- 08.99	111820	14	90					
		AC 12.95-	111353	14	70					
		AC 12.95-	111477	14	90					
	[AHS]	03.96- 12.99	111353	14	70	03.96- 12.99	112307	12	1.1	
		03.96- 12.99	111477	14	90	AT 03.96- 12.99	111823	12	1.1	
	[AKL]	10.99- 09.01	111989	14	90	05.97-	111748	12	1.1	
		10.99- 09.01	112075	14	70					
		A20 10.99- 09.01	111477	14	90					
	[ALM]	07.98- 09.01	111820	14	90					
	[APF]	03.00- 10.00	111820	14	90	05.97-	111748	12	1.1	
		03.00- 10.00	111989	14	90					
		A20 03.00- 10.00	111477	14	90					
	[AUR]	07.00- 09.01	111820	14	90	05.97-	111748	12	1.1	
		12.95- 09.01	112075	14	70					
		AC 07.00- 09.01	111989	14	90					
		A20 12.95- 09.01	111477	14	90					
	[CFNB]					AT 11.10-	113773	12	1.1	
						11.10-	114034	12	1.0	
Polo 1.6 16V	[BTS]					11.99-	112307	12	1.1	
						05.06-	113773	12	1.1	
Polo 1.6 GTI 16V	[AJV]	04.98- 12.99	111353	14	70	04.98- 12.99	112307	12	1.1	
		04.98- 12.99	111820	14	90	AT 04.98- 12.99	111823	12	1.1	
	[ARC]	10.99-	112274	14	90	10.99-	112307	12	1.1	
	[AVY]	05.00- 09.01	112274	14	90	05.00- 09.01	112307	12	1.1	
	[AJV]	04.98- 12.99	111477	14	90					
	[ARC]	10.99-	112273	14	70					
	[AVY]	05.00- 09.01	112273	14	70					
Polo 1.6 BiFuel	[CNKA]					01.11-	114034	12	1.0	
Polo 1.6 TDI	[CAYA]	06.09-	113992	14	140					
	[CAYB]	06.09-	113992	14	140					
	[CAYC]	06.09-	113992	14	140					

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

VW Continued

Polo 1.7 SDI	[AHG]	04.97- 10.99	111858	14	90	04.97- 09.01	111904	12	1.8	
	[AHG]	04.97- 10.99	111825	14	70					
		10.99- 09.01	112401	14	90					
		GPH 04.97- 10.99	112042	14	90					
	[AKU]	05.97- 12.99	111825	14	70	08.97- 10.99	111904	12	1.8	
		05.97- 12.99	111858	14	90					
		10.99-	112401	14	90					
		GPH 08.97- 10.99	112042	14	90					
		A17 05.97- 12.99	112042	14	90					
		[AKW]	08.97-	111828	14	120	08.97-	112286	12	1.7
		08.97-	111884	14	90					
Polo 1.8	[ADD]	03.98- 09.01	111352	14	70	01.97- 04.98	111909	12	1.1	
		03.98- 09.01	111820	14	90					
		AC 03.98- 09.01	111477	14	90					
	[ADZ]					01.97- 09.01	111909	12	1.1	
Polo 1.8 GTI	[BJX]	09.05-	112075	14	70	09.05-	114163	12	1.1	
	[BJX]	09.05-	111884	14	90					
		09.05-	111989	14	90					
Polo 1.8 Classic Hybrid					03.98-	112236	12	1.8		
Polo 1.9 Diesel	[1Y]	01.96- 04.96	111352	14	70	07.96-	111904	12	1.8	
	[JAGD]	07.96- 10.99	111858	14	90	07.96- 10.99	111904	12	1.8	
	[1Y]					01.96- 10.96	112286	12	1.7	
	[AEF]	10.94- 01.96	111353	14	70	10.94- 10.99	111904	12	1.8	
		10.94- 09.95	111477	14	90					
		09.95- 01.96	112710#	14	90					
		01.96- 12.99	111825	14	70					
		01.96- 12.99	111858	14	90					
		10.99- 09.01	113834	14	90					
		10.99- 09.01	113888	14	90					
	[AGD]	07.96- 10.99	111825	14	70					
		GPH 07.96- 10.99	112042	14	90					
Polo 1.9 SDI	[ASY]	10.01-	113340	14	70	10.01- 04.05	112438	12	2.0	
	[ASK]	10.99- 09.01	113834	14	90	07.96-	111904	12	1.8	
	[AGD]	10.99- 09.01	113888	14	90	07.96- 10.99	111904	12	1.8	
	[AEY]	12.95-	111353	14	70	12.95-	112286	12	1.7	
	[1Y]					12.95- 08.99	112286	12	1.7	
	[AEY]	12.95-	111477	14	90					
		12.95-	111828	14	120					
		03.97-	111884	14	90					
		AC 12.95-	111477	14	90					
		[AGD]	07.96- 10.99	111825	14	70				
			07.96- 10.99	111858	14	90				
			10.99- 09.01	113834	14	90				
			GPH 07.96- 10.99	112042	14	90				
		[AGP]	08.99- 09.01	111820	14	90	08.99- 09.01	112286	12	1.7
			08.99- 09.01	112002	14	120				
		08.99- 09.01	112079	14	90					
		08.99- 09.01	113340	14	70					
	[AOM]	08.99- 09.01	111820	14	90	08.99- 09.01	112286	12	1.7	
		08.99- 09.01	112002	14	120					
		08.99- 09.01	112079	14	90					
		08.99- 09.01	113340	14	70					
	[ASK]	10.99- 09.01	112401	14	90					
	[ASY]	10.01-	112002	14	120					
		10.01-	112079	14	90					
		11.03-	111989	14	90					
Polo 1.9 TDI	[ATD]	10.01-	112002	14	120	10.01-	113842	12	1.7	
		10.01-	112079	14	90	10.01-	111900	12	1.8	
	[AXR]	10.01-	112002	14	120	10.01-	111900	12	1.8	
		10.01-	112079	14	90	10.01-	113842	12	1.7	
	[ALH]	10.99- 09.01	113340	14	70	03.97- 09.01	111900	12	1.8	
	[AGR]	10.99- 09.01	113340	14	70	03.97- 09.01	111900	12	1.8	
	[AHU]	07.96- 08.99	111988	14	120	07.96- 08.99	111900	12	1.8	
	[ALE]	09.96- 08.99	111828	14	120	03.97- 08.99	111900	12	1.8	
	[ASZ]	11.03-	112079	14	90	11.03-	112429	12	2.0	
		11.03-	113340	14	70	11.03-	113841	12	1.7	
	[BLT]	11.03-	112079	14	90	11.03-	112429	12	2.0	
		05.04-	113340	14	70	11.03-	113841	12	1.7	
	[AFN]	06.98-	111884	14	90	06.98-	111900	12	1.8	
		06.98-	111988	14	120					
		Chas. -6K-X-507839	06.98- 08.99	111828	14	120				
		Chas. 6K-X-507830-								
		[AGR]	10.99- 09.01	111820	14	90				
			10.99- 09.01	112002	14	120				
			10.99- 09.01	112079	14	90				
		[AHU]	07.96- 08.99	111820	14	90				
			07.96- 08.99	111828	14	120				
			07.96- 08.99	111884	14	90				
		Chas. 6K-X-507830-								
		[ALE]	09.96- 08.99	111820	14	90				
			03.97- 08.99	111884	14	90				
			03.97- 08.99	111988	14	120				
		Chas. 6K-X-507830-								
		[ALH]	10.99- 09.01	111820	14	90				
			10.99- 09.01	112002	14	120				
			10.99- 09.01	112079	14	90				
	[ASV]	10.99- 09.01	112002	14	120	06.98-	111900	12	1.8	
		10.99- 09.01	112079	14	90					
		10.99- 09.01	113340	14	70					
	[ASZ]	11.03-	112002	14	120					
	[ATD]	10.01-	113340	14	70					
	[AXR]	10.01-	113340	14	70					
	[BLT]	05.04-	112002	14	120					
Polo 2.0	[ADC]	AC 08.99-	111820	14	90	AT 08.99-	111748	12	1.1	
	[ADC]	08.99-	111352	14	70					
		08.99-	111479	14	90					
Santana 1.3	[FZ]	08.80- 07.83	110360	14	45	08.83- 12.84	110340	12	0.8	
		08.80- 07.83	110913	14	70	08.80- 07.83	110339	12	0.8	
		08.83- 12.84	110919	14	70					
Santana 1.6	[DT]	08.83- 12.84	110919	14	70	08.83- 12.84	110865	12	0.95	
	[DT]					08.83- 12.84	110340	12	0.8	
	[WV]	08.81- 07.83	111139	14	75	08.81- 07.83	110340	12	0.8	
		08.81- 07.83	111652	14	65					
		08.81- 07.83	111653	14	45					
		08.81- 07.83	110990#	14	90					
	[YP]	08.81- 12.82	111139	14	75	08.81- 12.82	110340	12	0.8	
		08.81- 12.82	111652	14	65					
	08.81- 12.82	111653	14	45						
		08.81- 12.82	110990#	14	90					



Santana 1.6 Diesel	[CR]	08.81- 07.82	110767	14	45	08.81- 07.82	110861	12	1.7		
		08.81- 07.85	111653	14	45	08.81- 07.82	110994				
		08.81- 07.85	110990#	14	90						
		08.85- 111094	14	65							
		08.85- 111539#	14	70							
	[JK]	08.82- 12.84	110767	14	45	08.82- 12.84	110994	12	1.7		
						08.82- 12.84	110861				
Santana 1.6 TD	[CY]	08.81- 07.85	111653	14	45	04.82- 12.84	110861	12	1.7		
		04.82- 12.84	110767	14	45	04.82- 12.84	110994				
		04.82- 12.84	110990#	14	90						
		08.85- 111094	14	65							
		08.85- 111539#	14	70							
Santana 1.8	[DS]	01.83- 07.83	110357	14	55	01.83- 12.84	110865	12	0.95		
		01.83- 12.84	110919	14	70						
		01.83- 12.84	111139	14	75						
		01.83- 12.84	111652	14	65						
		01.83- 12.84	110990#	14	90						
Santana 1.8 i	[AFE]					01.95-	110865	12	0.95		
Santana 1.9	[WN]	08.81- 07.83	111139	14	75	08.81- 07.83	111010	12	1.4		
		08.81- 07.83	111652	14	65						
		08.81- 07.83	111653	14	45						
		08.81- 07.83	110990#	14	90						
		06.82- 12.84	110919	14	70						
		AC 08.81- 07.83	111139	14	75						
		AC 08.81- 07.83	110990#	14	90						
Santana 2.0	[HP]	08.82- 05.83	110357	14	55	01.83- 07.83	110824	12	1.1		
		08.83- 12.84	110919	14	70	08.83- 12.84	111010				
	[JS]	08.82- 05.83	110357	14	55	01.83- 07.83	110824				
		08.85- 03.88	111539#	14	70	08.83- 12.84	111010				
	AC 08.83- 12.84	110990#	14	90							
Santana 2.1	[WE]	08.82- 12.83	111652	14	65	08.82- 12.83	111010	12	1.4		
		08.82- 12.83	111653	14	45						
		08.82- 12.83	110990#	14	90						
Scirocco 1.1	[FA]	04.74- 07.79	111083#	14	70	04.74- 07.79	110339	12	0.8		
Scirocco 1.3	[GF]	08.79- 12.83	110360	14	45	08.79- 12.83	110339	12	0.8		
		08.79- 12.83	110913	14	70						
Scirocco 1.4 TSI	[CAVD]					09.08-	114163	12	1.1		
	[CAXA]					09.08-	114163	12	1.1		
Scirocco 1.5	[FH]	02.74- 12.75	110357	14	55			12	0.8		
		02.74- 12.75	110726#	14	35						
	[JB]	08.77- 01.80	110357	14	55	AT 08.77- 12.83	110864				
		08.77- 01.80	110726#	14	35						
		02.80- 12.83	111652	14	65						
	[YJ]	02.80- 12.83	111653	14	45						
		02.74- 08.75	110357	14	55	08.74- 08.75	110340				
	[ZB]	02.74- 08.75	110726#	14	35						
		02.74- 08.75	110357	14	55	06.74- 12.76	110340				
	[ZC]	02.74- 08.75	110726#	14	35						
		02.74- 12.77	110357	14	55	07.73- 08.75	110340				
	02.74- 12.77	110726#	14	35							
	Scirocco 1.6	[EWA]					AT 01.83- 07.87			110864	12
[FR]		08.75- 01.80	110357	14	55	08.84- 07.92	111059				
		08.75- 07.80	110726#	14	35	08.80- 07.81	110340				
		02.80- 05.83	111652	14	65	AT 08.75- 12.83	110864				
		02.80- 07.83	111653	14	45						
		06.83- 12.83	110919	14	70						
[EG]		06.76- 01.80	110357	14	55						
		06.76- 08.78	110726#	14	35						
		09.78- 07.82	111652	14	65						
		02.80- 07.82	111653	14	45						
		08.80- 03.81	111139	14	75						
		08.80- 07.82	110990#	14	90						
		AC 03.81- 07.82	111139	14	75						
[EW]		01.83- 05.83	111652	14	65	08.84- 07.92	111059				
		01.83- 05.83	111653	14	45	AT 01.83- 07.92	110864				
		06.83- 07.85	110919	14	70						
[EWA]		08.84- 07.92	112149	14	65						
		01.83- 05.83	111653	14	45						
		05.83- 07.87	111652	14	65						
06.83- 07.85		110919	14	70							
[FN]						08.75- 07.79	111059	12	0.9		
[FP]		08.75- 07.77	110357	14	55	AT 08.75- 07.77	110864	12	1.0		
	08.75- 07.79	110726#	14	35							
[FT]	08.75- 07.77	110357	14	55	AT 08.75- 07.77	110864	12	1.0			
	08.75- 07.77	110726#	14	35							
[RE]		04.86- 07.90	112149	14	65	04.86- 07.90	111059	12	0.9		
Scirocco 1.8	[DX]	08.82- 12.82	111139	14	75	08.83- 07.92	111059	12	0.9		
		08.82- 05.83	111652	14	65						
		08.82- 05.83	111653	14	45						
		08.82- 12.82	110990#	14	90						
	[EV]	06.83- 07.85	110919	14	70						
		08.84- 07.92	112149	14	65						
		08.82- 12.82	111139	14	75	08.83- 07.92	111059				
		08.82- 05.83	111652	14	65						
	[EX]	08.82- 05.83	111653	14	45						
		08.82- 12.82	110990#	14	90						
		06.83- 07.85	110919	14	70						
		08.84- 07.92	112149	14	65						
		08.83- 07.85	110919	14	70	08.83- 07.92	111059				
	[JH]	08.83- 07.85	110919	14	70	08.83- 07.92	113844			12	0.95
		08.84- 07.92	112149	14	65						
	[JJ]	05.83- 07.85	110919	14	70	AT 05.83- 07.92	110864			12	1.0
		08.84- 07.92	112149	14	65	08.83- 07.92	111059				
	[PB]	08.84- 07.92	112149	14	65						
		08.82- 05.83	111652	14	65						
		08.82- 12.82	111139	14	75	08.83- 07.92	111059				
		08.82- 05.83	111652	14	65						
		08.82- 05.83	111653	14	45						
	08.82- 12.82	110990#	14	90							
Scirocco 1.8 16V	[KR]	06.83- 07.85	110919	14	70			12	0.9		
		08.84- 07.92	112149	14	65						
	[PL]	AC	03.86- 07.92	111160	14	65	02.86- 07.92	111059	12	0.9	
		AC									
Scirocco 2.0 TSI	[CDLC]					11.09-	113773	12	1.1		
Scirocco 2.0 TDI	[CBDB]	05.09-	113992	14	140			12	1.7		
	[CFHB]	09.08-	113992	14	140						
						11.10-	113841				





Application list

VW Continued

Sharan 1.8 Turbo 20V	[AJH]	09.97-	111353	14	70	09.97- 05.98	111749	12	1.1	
		09.97-	112543#	14	90	AT 09.97- 05.98	111748	12	1.1	
		10.98- 02.00	112002	14	120	AT 05.98-	111909	12	1.1	
		05.99- 02.00	112079	14	90	05.98-	112005	12	1.1	
	[AWC]	05.00-	112002	14	120	09.97-	114174	12	1.1	
		05.00-	113992	14	140	09.97-	112005	12	1.1	
	[AJH]	09.97-	111477	14	90					
	[AWC]									
	Sharan 1.9 TDI	[BTB]	05.05-	113992	14	140	05.05-	112429	12	2.0
		[1Z]	09.95- 07.96	111988	14	120	09.95- 07.96	111900	12	1.8
[AFN]		09.96- 11.96	111477	14	90	09.96-	111900	12	1.8	
		09.96- 09.98	111828	14	120	AT, Chas. 7MT00801- 09.96-	112286	12	1.7	
[AHU]		05.99- 02.00	112079	14	90	07.96-	111900	12	1.8	
[ANU]		05.99- 02.00	112002	14	120	03.99- 02.00	112429	12	2.0	
[ASZ]		11.02- 05.05	112079	14	90	11.02- 05.05	112429	12	2.0	
[AUJ]		04.00-	112002	14	120	04.00-	112429	12	2.0	
[1Z]		09.95- 07.96	111477	14	90					
[AFN]		12.96- 09.98	111884	14	90					
[AHU]		07.96-	111477	14	90					
		07.96-	111988	14	120					
		05.99- 02.00	112002	14	120					
[ANU]		04.00-	113992	14	140					
		05.99- 02.00	112079	14	90					
[ASZ]		11.02-	112002	14	120					
[AUJ]		04.00-	112079	14	90					
[AVG]						08.99- 04.00	112005	12	1.1	
Sharan 1.9 TDI 4 Motion		[BVK]	11.05-	113992	14	140				
		[AUJ]	04.00-	112079	14	90	04.00-	112429	12	2.0
	[AUJ]	04.00-	112002	14	120					
		AC 04.00-	112002	14	120					
Sharan 2.0	[BVK]	04.00-	113992	14	140					
	[ADY]	09.95- 09.98	111479	14	90	09.95- 05.98	111749	12	1.1	
		09.95- 09.98	111733#	14	120	AT 09.95- 05.98	111748	12	1.1	
		AC 09.95- 09.98	111477	14	90	05.98-	112005	12	1.1	
	[ATM]	05.00-	112002	14	120	05.00-	114174	12	1.1	
	[ADY]					AT 05.98-	111909	12	1.1	
Sharan 2.0 LPG	[ATM]	05.08-	113992	14	140	AT 05.00-	111909	12	1.1	
						6SP 05.08-	114174	12	1.1	
Sharan 2.0 TDI	[BVH]	11.05- 03.10	113992	14	140	11.05- 03.10	112429	12	2.0	
	[BRT]	11.05-	113992	14	140					
Sharan 2.8 V6 24V	[BVH]	11.05- 03.10	112002	14	120					
	[AYL]	04.00-	113885	14	150	04.00-	112429	12	2.0	
	[AYL]	04.00-	112002	14	120					
Sharan 2.8 V6 24V VR6 Syncro	[AYL]	04.00-	113884	14	150					
	[AYL]	04.00-	112002	14	120	04.00-	112429	12	2.0	
	[AYL]	04.00-	113884	14	150					
Sharan 2.8 VR6	[AMY]	09.95- 04.99	112709	14	120	04.98-	112286	12	1.7	
	[AAA]	09.95- 09.98	111828	14	120	09.95-	112166	12	1.7	
		09.95- 04.99	112709	14	120	AT 09.95-	112286	12	1.7	
	[AMY]	04.98- 02.00	113885	14	150					
	[AAA]	09.95- 02.00	113885	14	150					
	Sharan 2.8 VR6 Syncro	[AMY]	04.98- 02.00	113885	14	150	04.98-	112286	12	1.7
[AAA]		07.96- 02.00	113885	14	150	07.96-	112166	12	1.7	
		Chas. -7M-X-055000 07.96- 09.98	111733#	14	120	AT 07.96-	112286	12	1.7	
[AMY]		11.96- 04.00	112709	14	120					
[AAA]		07.96- 09.98	111828	14	120					
[AMY]										
Taro 1.8	[2Y]	04.89- 01.91	110248	14	40	04.89- 12.93	110397	12	1.0	
Taro 2.2	[4Y]	06.89- 01.91	110248	14	40	04.89- 12.93	110397	12	1.0	
Taro 2.4	[22R]	04.89-	111483	14	55	06.89- 12.93	110260	12	1.0	
		06.89- 10.92	113077	14	70	06.89- 12.93	110411	12	1.4	
					01.94-	113108	12	1.4		
Taro 2.4 Diesel	[2L]	04.89- 03.97	111483	14	55	04.89- 02.97	110708	12	2.7	
		09.91- 03.97	114203	14	60	04.89- 03.97	111387	12	2.0	
Taro 2.4 Diesel 4x4	[2L]	04.89-	111483	14	55	04.89- 03.97	111387	12	2.0	
		04.89- 03.97	114203	14	60	04.89- 02.97	110708	12	2.7	
Tiguan 1.4 TSI	[BWK]					09.07-	113773	12	1.1	
Tiguan 2.0 TFSI	[CAWA]					09.07-	113773	12	1.1	
	[CAWB]					09.07-	113773	12	1.1	
Tiguan 2.0 TDI	[CBAB]	09.07-	113992	14	140					
	[CBBB]	09.07-	113992	14	140					
	[CBAA]	11.07-	113992	14	140					
	[CFFD]	05.10-	113992	14	140					
	[CBBA]	02.08- 08.09	113992	14	140					
Touareg 2.5 TDI	[BAC]	01.03-	113947	14	180					
Touareg 2.5 TDI R5	[BPE]	01.06-	113947	14	180					
Touareg 2.5 TDI R5	[BLK]	08.03-	113947	14	180					
Touran 1.2 TSI	[CBZB]					06.06- 08.08	114175	12	1.1	
Touran 1.4 FSI	[BLG]					12.06-	114163	12	1.1	
Touran 1.4 FSI	[BMY]					02.06-	114163	12	1.1	
Touran 1.4 FSI	[CAVC]					11.08-	114163	12	1.1	
Touran 1.4 TSI EcoFuel	[CDGA]					05.09-	114163	12	1.1	
Touran 1.6	[BGU]	07.03-	113992	14	140	07.03-	113773	12	1.1	
						07.03-	114175	12	1.1	
	[BSE]	07.03-	113992	14	140	07.03-	114175	12	1.1	
						07.03-	113773	12	1.1	
	[BSF]	07.03-	113992	14	140	07.03-	114175	12	1.1	
					07.03-	113773	12	1.1		
Touran 1.6 FSI	[BAG]					02.03-	113773	12	1.1	
						02.03-	114175	12	1.1	
	[BLF]					02.03-	113773	12	1.1	
						02.03-	114175	12	1.1	
						02.03-	113773	12	1.1	
						02.03-	114175	12	1.1	
Touran 1.9 TDI	[AVQ]	02.03-	113992	14	140	02.03-	113842	12	1.7	
						AT 02.03-	113509	12	1.7	
	[BKC]	08.03- 02.06	113992	14	140	AT 08.03-	113509	12	1.7	
						08.03-	113842	12	1.7	
	[BLS]	08.03- 02.06	113992	14	140	08.03-	113842	12	1.7	
						AT 08.03-	113509	12	1.7	
					11.04-	113842	12	1.7		
Touran 2.0 FSI	[BRU]	06.05- 06.06	113992	14	140					
	[BXE]	08.03- 02.06	113992	14	140					
	[BXJ]	06.06-	113992	14	140					
	[AXW]	10.03-	113992	14	140	10.03-	114163	12	1.1	
						AT 10.03-	111909	12	1.1	
						10.03-	113773	12	1.1	
	[BJZ]	10.04-	113992	14	140	10.04-	114163	12	1.1	
	[BLR]	02.05-	113992	14	140	AT 10.03-	111909	12	1.1	
						10.03-	113773	12	1.1	
						02.05-	114163	12	1.1	
					10.03-	114163	12	1.1		
					AT 10.03-	111909	12	1.1		
					10.03-	113773	12	1.1		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	[BLY]	10.03- 11.05	113992	14	140			10.03- 11.05	114163	12	1.1
								AT 10.03-	111909	12	1.1
								10.03-	113773	12	1.1
Touran 2.0 TDI 16V	[BKD]	08.03-	113992	14	140			AT 08.03-	113509	12	1.7
								08.03-	113841	12	1.7
Touran 2.0 TDI	[AZV]	02.03-	113992	14	140			AT 02.03-	113509	12	1.7
								02.03-	113841	12	1.7
	[BMM]	12.05-	113992	14	140			12.05-	113841	12	1.7
	[BMN]	12.05-	113992	14	140			12.05-	113841	12	1.7
Touran 2.0 EcoFuel	[BSX]	02.06-	113992	14	140			02.06-	114175	12	1.1
Transporter 1.5 T1								07.66- 07.67	110363	12	0.7
Transporter 1.6 T1	[B]							08.64- 12.68	110363	12	0.7
Transporter 1.6 T2	[AD]	08.74- 04.79	111096	14	55			08.70- 07.75	110363	12	0.7
								07.75- 04.79	110858	12	0.7
	[AE]	08.70- 04.79	111096	14	55			08.75- 04.79	110858	12	0.7
	[AF]	08.74- 04.79	111096	14	55			08.70- 07.75	110363	12	0.7
	[AH]	08.74- 04.79	111096	14	55			08.70- 07.75	110363	12	0.7
								08.75- 04.79	110858	12	0.7
	[AS]	08.74- 07.79	111096	14	55			08.70- 07.75	110363	12	0.7
								07.75- 07.79	110858	12	0.7
Transporter 1.6 T3	[CT]	05.79- 12.82	111670	14	45			01.81- 12.82	111061	12	0.8
								05.79- 12.80	110858	12	0.7
Transporter 1.6 Diesel T3	[CS]	01.81- 06.81	110360	14	45			01.81- 01.85	111062		
		01.81- 12.85	110913	14	70			01.85- 07.87	111069	12	1.7
		01.81- 07.87	112729	14	90						
		08.85- 07.87	112765	14	90	▲					
		12.85- 07.87	111287	14	70						
		WTA 08.85- 07.87	112729	14	90						
		A20 08.85- 07.87	111287	14	70						
Transporter 1.6 TD T3	[JX]	08.84- 07.85	112729	14	90			08.84- 12.84	111062		
		08.85- 07.92	112765	14	90	▲		01.85- 07.92	111069	12	1.7
		12.85- 07.92	111287	14	70						
		WTA 08.85- 07.92	112729	14	90						
		A20 08.85- 07.92	111287	14	70						
Transporter 1.6 TD T3 Syncro	[JX]	03.86- 07.92	111287	14	70			03.86- 07.92	111069	12	1.7
		03.86- 07.92	112765	14	90	▲					
		WTA 03.86- 07.92	112729	14	90						
		A20 03.86- 07.92	111287	14	70						
Transporter 1.7 T2	[CA]							08.71- 07.73	110363	12	0.7
								08.71- 08.73	110858	12	0.7
	[CB]							08.71- 12.73	110363	12	0.7
								08.71- 08.73	110858	12	0.7
Transporter 1.7 Diesel T3	[KY]	10.86- 07.92	111287	14	70			10.86- 07.92	111069	12	1.7
		10.86- 07.92	112765	14	90	▲					
		WTA 10.86- 07.92	112729	14	90						
		A20 10.86- 07.92	111287	14	70						
Transporter 1.8 T2	[AP]							08.73- 07.75	110363	12	0.7
								08.73- 07.75	111099	12	0.7
Transporter 1.8 T4	[PD]							12.90- 07.92	112306	12	1.1
Transporter 1.9 T3	[DF]							08.82- 07.92	113847	12	0.95
		08.82- 07.85	111652	14	65			08.82- 11.86	111061	12	0.8
		08.82- 07.85	111653	14	45						
		08.85- 07.92	111539#	14	70						
	[DG]							08.82- 07.92	113847	12	0.95
		08.82- 07.85	111652	14	65			09.82- 11.86	111061	12	0.8
		08.82- 07.85	111653	14	45						
		08.85- 07.92	111539#	14	70						
	[DH]							01.83- 07.85	111061	12	0.8
		01.83- 07.85	111652	14	65						
		01.83- 07.85	111653	14	45						
	[GW]							08.83- 02.89	111061	12	0.8
		08.83- 02.89	111652	14	65						
		08.83- 02.89	111653	14	45						
Transporter 1.9 T3 Syncro	[DG]							11.84- 07.92	113847	12	0.95
		11.84- 07.85	111652	14	65			02.85- 11.86	111061	12	0.8
		11.84- 07.85	111653	14	45						
		08.85- 07.92	111539#	14	70						
Transporter 1.9 Diesel T4	[IX]							09.90- 11.94	112167	12	1.8
		09.90- 07.92	111154	14	65			09.90-	113387	12	2.0
		09.90- 07.92	112799	14	100						
		08.92- 04.97	111352	14	70						
		08.92- 04.97	111479	14	90						
Transporter 1.9 TD T4	[ABL]							10.92- 11.94	112167	12	1.8
		10.92-	111352	14	70			Chas. 70-S-059839- 01.95- 06.03	113387	12	2.0
		10.92-	111479	14	90						
		10.92-	111733#	14	120						
		01.99-	113406	14	90						
		AC 10.92-	111477	14	90						
		AC 10.92-	111733#	14	120						
		A20 10.92-	111477	14	90						
Transporter 1.9 TDI T5	[BRS]	06.06-	113992	14	140			06.06-	113842	12	1.7
	[BRR]	01.06-	113992	14	140			01.06-	113842	12	1.7
	[AXB]	04.03-	112002	14	120			04.03-	113842	12	1.7
		04.03-	112079	14	90						
		04.03-	113992	14	140						
	[AXC]	04.03-	112002	14	120			04.03-	113841	12	1.7
		04.03-	112079	14	90			04.03-	113842	12	1.7
		04.03-	113992	14	140						
Transporter 2.0 T2	[CJ]							AT 08.75- 07.79	111099	12	0.7
								08.75- 07.79	110858	12	0.7
	[GD]							AT 08.75- 07.77	111099	12	0.7
								08.75- 07.77	110858	12	0.7
	[GE]							AT 08.76- 06.79	111099	12	0.7
								08.76- 06.79	110858	12	0.7
Transporter 2.0 T3	[CU]	05.79- 12.82	111670	14	45			05.79- 12.80	110858	12	0.7
								AT 05.79- 07.81	111099	12	0.7
								01.81- 12.82	111061	12	0.8
Transporter 2.0 T4	[AAC]	07.90- 12.95	112149	14	65			AT 09.90-	111059	12	0.9
		07.90-	111733#	14	120			09.90-	113677	12	1.1
								09.90- 06.98	112306	12	1.1
		08.92-	111479	14	90						
		08.98-	112274	14	90						
		01.99-	113406	14	90						
		AC 07.90-	111477	14	90						
		AC 07.90-	111733#	14	120						
		A20 07.90- 09.91	111676	14	90						
		A20									
		A20 09.91-	111477	14	90	▲					
		A20 09.91- 07.92	111733#	14	120						
Transporter 2.0 T5	[AXA]	04.03-	112002	14	120			04.03-	114163	12	1.1
		04.03-	113992	14	140						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW** Continued

Transporter 2.1 T3	[DJ]					08.85- 07.92	113847	12	0.95	
						07.85- 05.86	111061	12	0.8	
	[MV]					08.85- 07.92	113847	12	0.95	
						07.85- 07.92	111061	12	0.8	
	[SR]					10.86- 07.92	113847	12	0.95	
Transporter 2.1 T3 Syncro	[SS]					07.89- 07.92	113847	12	0.95	
						07.89- 07.92	111061	12	0.8	
	[DJ]					01.86- 04.86	111061	12	0.8	
		01.86- 07.92	111539#	14	70	01.86- 07.92	113847	12	0.95	
	[MV]					08.85- 04.86	111061	12	0.8	
Transporter 2.1 T3						08.85- 07.92	113847	12	0.95	
	[SR]					10.86- 07.92	113847	12	0.95	
	[SS]					07.89- 07.92	113847	12	0.95	
	Transporter 2.4 Diesel T4	[AJA]	08.97- 08.98	111898	14	120	AT 08.97-	111060	12	1.7
			08.97- 08.98	111899	14	90	05.97- 06.03	113387	12	2.0
		08.97- 04.03	113834							
		08.98-	112402	14	120					
[AAB]		09.90- 12.95	112765	14	90	▲	09.90- 11.94	112052	12	2.2
Transporter 2.4 Diesel T4 Syncro							AT 01.94-	111060	12	1.7
							AT 09.90- 05.98	110996	12	1.7
							12.94- 05.98	113387	12	2.0
		07.92- 12.95	112799	14	100	▲				
		01.95- 12.95	111733#	14	120	▲				
		01.96-	111898	14	120					
		01.96-	111899	14	90					
		A20								
	[AAB]	11.92- 01.95	112765	14	90		11.92- 11.94	112052	12	2.2
		11.92- 01.95	112799	14	100	▲	11.94-	113387	12	2.0
Transporter 2.5 T4							01.94- 05.98	111059	12	0.9
							12.94-	112167	12	1.8
		01.96- 10.98	111898	14	120					
		01.96- 10.98	111899	14	90					
		11.98-	112043	14	90					
		11.98-	112402	14	120					
		A20								
	[ACU]	11.90- 04.03	113834	14	70		01.94- 12.94	112167	12	1.8
		10.91- 08.96	111353	14	70		11.90- 04.03	113754	12	1.7
		01.94- 12.95	111477	14	90		AT 01.94- 10.96	111060	12	1.7
	01.94- 12.95	111733#	14	120	▲	12.94-	113387	12	2.0	
	12.95- 10.96	111898	14	120						
	12.95- 10.96	111899	14	90						
[AEN]	11.90- 04.03	113834	14	70		AT 01.94- 10.96	111060	12	1.7	
	10.91- 12.95	111353	14	70		11.90- 04.03	113754	12	1.7	
	01.94- 12.95	111477	14	90		09.95- 12.95	113387	12	2.0	
	01.94- 12.95	111733#	14	120	▲	01.94- 12.94	112167	12	1.8	
	12.95- 10.98	111898	14	120						
	12.95- 10.98	111899	14	90						
	10.98-	112043	14	90						
	10.98-	112402	14	120						
[AET]	08.96- 08.98	111898	14	120		08.96- 06.03	113387	12	2.0	
	08.96- 08.98	111899	14	90		AT 08.96-	111060	12	1.7	
	08.96- 06.03	113754	14	120						
	08.98-	112043	14	90						
	08.98-	112402	14	120						
	AC 08.96- 08.98	111733#	14	120	▲					
[AEU]	11.90- 04.03	111899	14	90		11.90- 04.03	113754	12	1.7	
	11.90- 04.03	113834	14	70		11.90-	111060	12	1.7	
	08.96- 06.03	111898	14	120		08.96- 06.03	113387	12	2.0	
	08.96- 11.01	113754	14	120						
	10.98- 06.03	112043	14	90						
	10.98-	112402	14	120						
[APL]	05.99- 12.99	113754	14	120		05.99- 06.03	113387	12	2.0	
[AVT]	08.96- 08.98	111898	14	120		12.99- 06.03	113387	12	2.0	
	08.96- 08.98	111899	14	90		AT 08.96-	111060	12	1.7	
	08.98-	112043	14	90						
	08.98-	112402	14	120						
	12.99- 06.03	113754	14	120						
	AC 08.96- 08.98	111733#	14	120	▲					
[AAF]	11.90- 04.03	111899	14	90		09.90- 12.93	112167	12	1.8	
						11.90- 04.03	113754	12	1.7	
						02.03-	113678	12	2.2	
						AT 09.90- 12.93	111060	12	1.7	
	11.90- 09.91	112765	14	90	▲					
	11.90- 04.03	113834	14	70	▲					
	10.91- 12.93	111353	14	70						
	10.91- 12.93	111477	14	90						
	10.91- 12.93	111733#	14	120						
Transporter 2.5 T4 Syncro	[AEN]	09.95- 10.98	111898	14	120		10.92- 04.03	113754	12	1.7
		09.95- 10.98	111899	14	90		AT 10.92- 12.95	111060	12	1.7
		01.94- 10.96	111353	14	70		09.95- 12.95	113387	12	2.0
	[ACU]	01.94- 12.95	111477	14	90		01.94- 12.94	112167	12	1.8
		01.94- 12.95	111733#	14	120	▲	12.94- 10.96	113387	12	2.0
		12.95- 10.96	111898	14	120		10.92- 04.03	113754	12	1.7
		12.95- 10.96	111899	14	90					
		10.98-	112043	14	90					
	[AET]	07.96- 04.03	111899	14	90		07.96- 06.03	113387	12	2.0
		07.96-	112402	14	120		07.96- 04.03	113754	12	1.7
	08.96- 10.98	111898	14	120		AT 07.96- 06.03	111060	12	1.7	
	10.98-	112043	14	90						
	Chas. 70-X-075001-07.96- 06.03	112043	14	90						
	Chas. -70-X-075000 07.96- 06.03	111898	14	120						
	AC, Chas. -70-X- 07.96- 06.03 075000	111733#	14	120	▲					
[AEU]	10.92- 11.01	111898	14	120		AT 10.92- 08.01	111060	12	1.7	
	10.92- 04.03	111899	14	90		06.97- 11.01	113387	12	2.0	
	11.98- 11.01	112043	14	90		10.92- 04.03	113754	12	1.7	
	AC 11.98- 11.01	112043	14	90						
[APL]	07.96- 04.03	111899	14	90		05.99- 06.03	113387	12	2.0	
	07.96-	112402	14	120		08.96- 06.03	113754	12	1.7	
	05.99- 06.03	112043	14	90						
[AVT]	07.96- 04.03	111899	14	90		AT 12.99- 06.03	111060	12	1.7	
	08.96-	112402	14	120		12.99- 06.03	113387	12	2.0	
	12.99- 06.03	112043	14	90		07.96- 04.03	113754	12	1.7	
[AAF]	10.92- 04.03	111899	14	90		10.92- 04.03	113754	12	1.7	
	11.92- 12.93	111353	14	70		11.92- 12.93	112167	12	1.8	
	11.92- 12.93	111477	14	90						
	11.92- 12.93	111733#	14	120						



Transporter 2.5 TD T4	[AJT]	05-98-10-98	111898	14	120		05-98-04-03	113754		
		05-98-04-03	111899	14	90		AT 05-98-	111060	12	1.7
		05-98-	112043	14	90		AT 05-98-04-02	112286	12	1.7
		05-98-	112402	14	120		05-98-06-03	113387	12	2.0
		05-98-06-03	113754	14	120					
	05-98-04-03	113884	14	150						
	[AYY]	10-01-06-03	113754	14	120		10-01-06-03	113387	12	2.0
	05-98-04-03	111899	14	90		05-98-04-03	113754			
	05-98-	112043	14	90						
	05-98-04-03	113884	14	150						
Transporter 2.5 TDI T4	[AXG]	09-00-06-03	113754	14	120		05-98-06-03	112444	12	2.0
	05-98-06-03	112043	14	90		09-00-06-03	113387	12	2.0	
	[ACV]	01-95-08-98	111898	14	120		09-95-04-03	113754		
	01-95-08-98	111899	14	90		01-95-06-03	113387	12	2.0	
	01-95-06-04	113754	14	120		AT 01-95-06-03	111060	12	1.7	
	09-95-04-03	113884	14	150		AT 01-95-04-02	112286	12	1.7	
	01-98-12-03	113888	14	90		09-95-	112167	12	1.8	
	08-98-	112043	14	90						
	08-98-	112402	14	120						
	[AHY]	05-98-	112043	14	90		05-98-03-04	112444	12	2.0
	05-98-09-00	113754	14	120		05-98-	113387	12	2.0	
	[AJT]	05-98-10-98	111898	14	120		AT 05-98-	111060	12	1.7
	05-98-08-98	111899	14	90		AT 05-98-04-02	112286	12	1.7	
	05-98-06-03	113754	14	120		05-98-06-03	113387	12	2.0	
	05-98-04-03	113884	14	150		12-98-04-03	113754			
	08-98-06-03	112043	14	90						
	08-98-	112402	14	120						
	[AUF]	09-95-04-03	113884	14	150		05-99-06-03	113387	12	2.0
	09-99-06-04	113754	14	120		AT 05-99-04-02	112286	12	1.7	
						AT 05-99-06-03	111060	12	1.7	
						09-95-04-03	113754			
	[AXG]					09-00-04-03	113754			
	[AYC]	04-01-06-04	113754	14	120		04-01-06-03	113387	12	2.0
	09-95-04-03	113884	14	150		AT 04-01-06-03	111060	12	1.7	
						09-95-04-03	113754			
	[AYY]	10-01-06-04	113754	14	120		05-98-06-03	113387	12	2.0
	05-98-08-98	111899	14	90		12-98-04-03	113754			
	05-98-04-03	113884	14	150						
	08-98-06-03	112043	14	90						
	Transporter 2.5 TDI T4 Syncro	[AXL]	09-95-04-03	113884	14	150		01-96-06-03	113387	12
03-98-10-98		111898	14	120		AT 03-98-04-02	112286	12	1.7	
08-98-06-03		112043	14	90		AT 03-98-06-03	111060	12	1.7	
[ACV]		09-95-10-98	111898	14	120		01-95-06-03	113387	12	2.0
09-95-08-98		111899	14	90		AT 01-95-04-02	112286	12	1.7	
08-98-06-03		112043	14	90		09-95-06-03	113754			
08-98-		112402	14	120		AT 09-95-06-03	111060	12	1.7	
05-98-		113754	14	120		09-95-04-03	113754			
[ACV]		09-95-04-03	113884	14	150					
[AXL]		09-95-08-98	111899	14	90					
Transporter 2.5 TDI T5		[AXD]	04-03-	113947	14	180		04-03-	113678	12
	04-03-	113947	14	180		04-03-	113678	12	2.2	
	[AXE]	04-04-	113947	14	180		07-04-	113678	12	2.2
	07-04-	113947	14	180		07-04-	113678	12	2.2	
Transporter 2.5 TDI T5 4 Motion	[AXE]	04-04-	113947	14	180					
	[AXD]	07-04-	113947	14	180					
Transporter 2.8 V6 T4	[BPC]	04-04-	113947	14	180					
	[AMV]	04-00-04-03	113884	14	150		AT 04-00-	111060	12	1.7
05-00-06-03	113885	14	150		04-00-	112444	12	2.0		
Transporter 2.8 VR6 T4	[AES]	11-95-04-00	112043	14	90		11-95-04-00	113387	12	2.0
						AT 11-95-04-00	111060	12	1.7	
	01-96-08-98	112709	14	120						
	01-96-05-00	113885	14	150						
[AMV]	05-00-06-03	113885	14	150						
Transporter 3.2 V6 T5	[BKK]	08-03-	113884	14	150		08-03-	113841	12	1.7
	[BDL]	04-03-	112002	14	120		04-03-	113841	12	1.7
	04-03-	113884	14	150						
	04-03-	114453	14	180						
	[BKK]	08-03-	112002	14	120					
Vento 1.4	[ABD]	PS 11-91-07-95	111353	14	70		11-91-06-92	113483#	12	0.9
	[AEX]	07-95-12-97	111352	14	70		07-95-12-97	111748	12	1.1
	07-95-12-97	111479	14	90		07-95-12-97	111909	12	1.1	
	PS 07-95-12-97	111353	14	70		11-91-09-98	113483#	12	0.9	
	PS 07-95-12-97	111477	14	90		07-95-12-97	112236	12	1.8	
	[ABD]	11-91-07-95	111352	14	70					
	11-91-07-95	111479	14	90						
	PS 11-91-07-95	111477	14	90						
	AC 11-91-09-95	111353	14	70						
	AC 11-91-07-95	111477	14	90						
Vento 1.6	[ABU]	PS 09-92-07-95	111353	14	70		10-94-07-95	111748	12	1.1
	AC 09-92-07-95	111477	14	90		09-92-09-94	112307	12	1.1	
	[AEA]	10-94-12-97	111352	14	70		10-94-12-97	111748	12	1.1
	10-94-12-97	111479	14	90		10-94-07-95	112236	12	1.8	
	[AEE]	07-95-12-97	111352	14	70		07-95-12-97	111909	12	1.1
	07-95-12-97	111479	14	90		07-95-12-97	112236	12	1.8	
	[ABU]	09-92-07-95	111352	14	70					
	09-92-09-94	111479	14	90						
	PS 09-92-07-95	111477	14	90						
	AC 09-92-07-95	111353	14	70						
	AC 09-92-09-94	111733#	14	120						
	[AEA]						10-94-12-97	111909	12	1.1
	[AEE]						07-95-12-97	111748	12	1.1
	[AEK]	10-94-12-95	111352	14	70		10-94-12-95	112236	12	1.8
	10-94-12-95	111479	14	90		10-94-12-95	111909	12	1.1	
	10-94-12-95	111733#	14	120		10-94-12-95	111748	12	1.1	
	PS 10-94-12-95	111353	14	70						
	PS 10-94-12-95	111477	14	90						
	AC 10-94-12-95	111353	14	70						
	AC 10-94-12-95	111477	14	90						
[AFT]	12-95-12-97	111352	14	70		12-95-12-97	111748	12	1.1	
12-95-12-97	111479	14	90		12-95-12-97	111909	12	1.1		
12-95-12-97	111733#	14	120		12-95-12-97	112236	12	1.8		
PS 12-95-12-97	111353	14	70							
PS 12-95-12-97	111477	14	90							
AC 12-95-12-97	111353	14	70							
AC 12-95-12-97	111477	14	90							
Vento 1.8	[ABS]	AC 11-91-09-94	111353	14	70		11-91-09-94	111748	12	1.1
	[ADZ]	10-94-12-97	111479	14	90		10-94-12-97	112236	12	1.8
	AC 10-94-12-97	111353	14	70		11-91-09-98	111909	12	1.1	
	AC 10-94-12-97	111477	14	90		10-94-12-97	111748	12	1.1	
	[AAM]	11-91-12-97	111352	14	70		11-91-12-97	112236	12	1.8
	AC 11-91-12-97	111353	14	70		11-91-12-97	111748	12	1.1	
	AC 11-91-12-97	111733#	14	120		11-91-12-97	111909	12	1.1	
	[ABS]	11-91-09-94	111352	14	70					
	11-91-09-94	111479	14	90						
	11-91-09-94	111733#	14	120						
AC 11-91-09-94	111477	14	90							

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VW Continued

	[ADZ]	10.94- 12.97	111352	14	70				
		10.94- 12.97	111733#	14	120				
	[AAM]	02.92- 12.97	111479	14	90				
		AC 11.91- 12.97	111477	14	90				
Vento 1.9 Diesel	[1Y]	AC 11.91- 12.97	111353	14	70	11.91- 12.97	112286	12	1.7
	[1Y]	11.91- 12.97	111352	14	70				
		11.91- 12.97	111479	14	90				
		AC 11.91- 12.97	111477	14	90				
		AC 11.91- 12.97	111733#	14	120				
Vento 1.9 SDI	[AEY]	01.95- 12.97	111353	14	70	ECO 01.95-	112286	12	1.7
	[AEY]								
		01.95-	111880						
		01.97- 12.97	111477	14	90				
Vento 1.9 TD	[AAZ]	11.91- 12.97	111479	14	90	11.91- 12.97	112286	12	1.7
	[AAZ]	11.91- 12.97	111352	14	70				
		AC 11.91- 12.97	111353	14	70				
		AC 11.91- 12.97	111477	14	90				
		AC 11.91- 12.97	111733#	14	120				
Vento 1.9 TDI	[1Z]	09.93- 07.96	111353	14	70	07.94- 07.96	111900	12	1.8
		09.93- 07.96	111477	14	90	AT 09.93- 07.96	112286	12	1.7
		09.93- 07.96	111988	14	120	09.93- 06.94	112133	12	1.7
	[AHU]	08.96- 12.97	111353	14	70	08.96- 12.97	111900	12	1.8
		08.96- 12.97	111828	14	120	AT 08.96- 12.97	112286	12	1.7
	[ALE]	05.97- 12.97	111828	14	120	05.97- 12.97	111900	12	1.8
		05.97- 12.97	111988	14	120	AT 05.97- 12.97	112286	12	1.7
	[AFN]	02.96-	111353	14	70	02.96-	111900	12	1.8
		02.96-	111477	14	90	02.96- 09.98	112286	12	1.7
		02.96-	111828	14	120				
		02.96-	111733#	14	120				
	[AHU]	08.96- 12.97	111477	14	90				
		08.96- 12.97	111988	14	120				
	[ALE]	05.97- 12.97	111353	14	70				
		05.97- 12.97	111477	14	90				
Vento 2.0	[2E]	11.91- 09.94	111479	14	90	08.92-	111749	12	1.1
		AC 11.91- 09.94	111477	14	90	11.91- 09.94	111748	12	1.1
	[ADY]	10.94- 05.96	111352	14	70	02.92-	111749	12	1.1
		10.94- 05.96	111733#	14	120	10.94- 05.96	111748	12	1.1
	[AGG]	07.95- 12.97	111479	14	90	02.92-	111749	12	1.1
		AC 07.95- 12.97	111477	14	90	07.95- 12.97	111748	12	1.1
	[AKR]	05.97- 12.97	111479	14	90	02.92-	111749	12	1.1
		AC 05.97- 12.97	111477	14	90	05.97- 12.97	111748	12	1.1
	[2E]	11.91- 09.94	111352	14	70				
		11.91- 09.94	111733#	14	120				
		AC 11.91- 09.94	111353	14	70				
	[ADY]	10.94- 05.96	111479	14	90				
		AC 10.94- 05.96	111353	14	70				
		AC 10.94- 05.96	111477	14	90				
	[AGG]	07.95- 12.97	111352	14	70				
		07.95- 12.97	111733#	14	120				
		AC 07.95- 12.97	111353	14	70				
	[AKR]	05.97- 12.97	111352	14	70				
		05.97- 12.97	111733#	14	120				
		AC 05.97- 12.97	111353	14	70				
Vento 2.8 VR6	[AAA]					AT 01.92- 12.97	112286	12	1.7
	[AAA]	01.95-	112709	14	120	01.92- 12.97	112166	12	1.7
		01.92- 12.94	111991	14	120				
<b>PASSENGER CARS US</b>									
411 1.7	[EA]					01.72- 01.72	111099	12	0.7
	[W]					01.71- 01.72	111099	12	0.7
	[Z]					01.71- 01.72	111099	12	0.7
412 1.7	[EA]					01.73- 01.74	111099	12	0.7
	[EB]					01.73- 01.73	111099	12	0.7
	[W]					01.73- 01.73	111099	12	0.7
	[Z]					01.73- 01.73	111099	12	0.7
412 1.8	[AN]					01.74- 01.74	111099	12	0.7
	[AT]					01.74- 01.74	111099	12	0.7
	[EC]					01.74- 01.74	111099	12	0.7
Beetle 1.5	[H]					01.67- 01.69	110363	12	0.7
						01.67- 01.69	111099	12	0.7
Beetle 1.6	[AE]					01.71- 01.73	110363	12	0.7
						01.71- 01.73	111099	12	0.7
	[AH]					01.72- 01.74	110363	12	0.7
						01.72- 01.74	111099	12	0.7
	[AJ]					01.75- 01.79	110363	12	0.7
						01.75- 01.79	111099	12	0.7
	[AK]					01.73- 01.74	110363	12	0.7
						01.73- 01.74	111099	12	0.7
	[B]					01.70- 01.70	110363	12	0.7
						01.70- 01.70	111099	12	0.7
Beetle 1.8 Turbo	[APH]	01.99- 01.00	111353	14	70	01.99- 01.00	112005	12	1.1
		01.99- 01.00	112402	14	120	01.99- 01.00	111909	12	1.1
	[AWV]	01.01- 01.01	111353	14	70	01.01- 01.01	112005	12	1.1
		01.01- 01.01	112402	14	120	01.01- 01.01	111909	12	1.1
		01.02- 01.03	111989	14	90				
		01.02- 01.03	112002	14	120				
Beetle 1.8 Turbo S	[AWP]	01.02- 01.03	111989	14	90				
		01.02- 01.03	112002	14	120				
Beetle 1.9 Turbo	[ALH]	01.02- 01.02	112002	14	120	01.98- 01.01	111900	12	1.8
		01.98- 01.98	112543#	14	90				
		01.99- 01.02	112079	14	90				
		01.99- 01.02	112402	14	120				
	[BEW]	01.04	112002	14	120				
		01.04	112079	14	90				
		01.04	112402	14	120				
Beetle 2.0	[AEG]	01.98- 01.98	111820	14	90	01.98- 01.00	111909	12	1.1
		01.98- 01.98	112543#	14	90	01.98- 01.98	111749	12	1.1
		01.99- 01.00	111353	14	70	01.98- 01.00	112005	12	1.1
		01.99- 01.00	112075	14	70				
		01.99- 01.00	112402	14	120				
	[AVH]	01.01- 01.03	111353	14	70	01.01- 01.01	111909	12	1.1
		01.01- 01.03	112075	14	70	01.01- 01.01	112005	12	1.1
		01.01- 01.03	112402	14	120				
	[AZG]	01.01- 01.02	111353	14	70	01.01- 01.01	111909	12	1.1
		01.01- 01.02	112075	14	70	01.01- 01.01	112005	12	1.1
		01.01- 01.02	112402	14	120				
	[BDC]	01.03- 01.03	111353	14	70				
		01.03- 01.03	112075	14	70				
		01.03- 01.03	112402	14	120				
	[BEV]	01.04-	111353	14	70				
		01.04-	112075	14	70				
		01.04-	112402	14	120				
	[BGD]	01.04-	111353	14	70				
		01.04-	112075	14	70				
		01.04-	112402	14	120				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Cabrio 2.0	[ABA]	01.95- 01.98	111353	14	70	01.95- 01.97	111900	12	1.8
		01.95- 01.02	111477	14	90	01.95- 01.01	111748	12	1.1
Cabrio 2.0 Highline	[ABA]	01.97- 01.97	111353	14	70	01.97- 01.97	111748	12	1.1
		01.97- 01.97	111477	14	90	01.97- 01.97	111900	12	1.8
Cabriolet 1.8	[2H]	01.90- 01.93	111539#	14	70	01.90- 01.93	111059	12	0.9
		01.90- 01.93	112149	14	65				
		01.90- 01.93	112729	14	90				
	[JH]	01.85- 01.87	110919	14	70	01.85- 01.87	110864	12	1.0
						01.85- 01.89	111059	12	0.9
		01.88- 01.89	111539#	14	70				
Cabriolet 1.8 Carat	[2H]	01.88- 01.89	112149	14	65				
		01.88- 01.89	112729	14	90				
		01.91- 01.92	111539#	14	70	01.91- 01.92	111059	12	0.9
		01.91- 01.92	112149	14	65				
Cabriolet 1.8 Etienne Aigner	[2H]	01.91- 01.92	112729	14	90				
		01.91- 01.91	111539#	14	70	01.91- 01.91	111059	12	0.9
		01.91- 01.91	112149	14	65				
		01.91- 01.91	112729	14	90				
Camprobile 1.6	[AD]					01.71- 01.71	110363	12	0.7
	[AE]					01.71- 01.71	110363	12	0.7
	[AF]					01.71- 01.71	110363	12	0.7
	[B]					01.69- 01.70	110363	12	0.7
	[C]					01.69- 01.70	110363	12	0.7
Camprobile 1.7	[CA]					01.72- 01.73	110363	12	0.7
						01.72- 01.73	111099	12	0.7
	[CB]					01.72- 01.73	110363	12	0.7
						01.72- 01.73	111099	12	0.7
	[CD]					01.73- 01.73	110363	12	0.7
						01.73- 01.73	111099	12	0.7
Camprobile 1.8	[AP]					01.73- 01.73	110363	12	0.7
						01.73- 01.73	111099	12	0.7
	[AW]					01.74- 01.74	110363	12	0.7
						01.74- 01.74	111099	12	0.7
Camprobile 2.0	[ED]					01.74- 01.75	110363	12	0.7
						01.74- 01.75	111099	12	0.7
	[CJ]					01.76- 01.79	110858	12	0.7
Corrado 1.8 Super	[GD]					01.76- 01.79	111099	12	0.7
						01.76- 01.77	110858	12	0.7
	[GE]					01.76- 01.77	111099	12	0.7
Corrado 2.8	[PG]	01.90- 01.92	112797	14	90	01.91- 01.92	112131	12	1.4
						01.90- 01.92	111059	12	0.9
						01.90- 01.92	111523	12	1.0
						01.90- 01.92	111751	12	1.0
Corrado 2.8 SLC	[AAA]	01.95- 01.95	111477	14	90				
			111733#	14	120				
Corrado 2.8 V6	[AAA]	01.92- 01.94	111477	14	90	01.92- 01.94	111060	12	1.7
		01.92- 01.94	111733#	14	120				
Dasher 1.5	[XR]	01.93- 01.94	111477	14	90	01.93- 01.94	111060	12	1.7
		01.93- 01.94	111733#	14	120				
	[XS]	01.75- 01.75	110357	14	55	01.75- 01.75	111058	12	0.8
		01.75- 01.75	110726#	14	35				
		01.75- 01.75	110975	14	65				
	[XV]	01.75- 01.75	110357	14	55	01.75- 01.75	111058	12	0.8
		01.75- 01.75	110726#	14	35				
		01.75- 01.75	110975	14	65				
	[XW]	01.74- 01.74	110357	14	55	01.74- 01.74	111058	12	0.8
		01.74- 01.74	110726#	14	35				
		01.74- 01.74	110975	14	65				
	[XY]	01.74- 01.74	110357	14	55	01.74- 01.74	111058	12	0.8
		01.74- 01.74	110726#	14	35				
		01.74- 01.74	110975	14	65				
	[XZ]	01.74- 01.74	110357	14	55	01.74- 01.74	111058	12	0.8
		01.74- 01.74	110726#	14	35				
		01.74- 01.74	110975	14	65				
Dasher 1.5	[CK]	01.74- 01.74	110357	14	55				
		01.74- 01.74	110726#	14	35				
		01.74- 01.74	110913	14	70	01.79- 01.80	110861		
		01.79- 01.80	111035	14	65				
Dasher 1.6	[YG]	01.79- 01.80	110357	14	55	01.79- 01.80	110861		
		01.79- 01.80	110726#	14	35				
		01.79- 01.80	110913	14	70				
	[YH]	01.76- 01.80	110357	14	55	01.76- 01.80	111058	12	0.8
		01.76- 01.80	110726#	14	35				
		01.76- 01.80	110975	14	65				
[YK]	01.76- 01.80	110357	14	55	01.76- 01.80	111058	12	0.8	
	01.76- 01.80	110726#	14	35					
	01.76- 01.80	110975	14	65					
Dasher 1.6	[CR]	01.76- 01.76	110357	14	55	01.76- 01.76	111058	12	0.8
Eurovan 2.4	[AAB]	01.81- 01.81	110913	14	70	01.81- 01.81	110861		
		01.93- 01.95	112765	14	90	12.94- 01.96	113387	12	2.0
		01.93- 01.95	112799	14	100	10.92- 11.94	112052	12	2.2
Eurovan 2.4 Camper	[AAB]	01.96- 10.98	111898	14	120				
		01.96- 10.98	111899	14	90				
Eurovan 2.4 CL	[AAB]	01.95- 01.95	111353	14	70	01.95- 01.95	113387	12	2.0
		10.92- 01.95	112765	14	90	12.94- 01.96	113387	12	2.0
Eurovan 2.4 CV	[AAB]	10.92- 01.95	112799	14	100	01.93- 11.94	112052	12	2.2
		01.96- 10.98	111898	14	120				
Eurovan 2.4 GL	[AAB]								
Eurovan 2.4 GLS	[AAB]								
Eurovan 2.5	[ACU]	01.94- 12.94	112052	12	2.2	01.93- 01.94	112052	12	2.2
		01.93- 12.94	112052	12	2.2				
		12.94- 05.96	111900	12	1.8	12.94- 05.96	111900	12	1.8
		01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
Eurovan 2.5 Camper	[AAF]	01.95- 01.95	111733#	14	120				
		01.94- 01.94	111353	14	70	01.94- 01.94	111060	12	1.7
		01.94- 01.94	111477	14	90				
		01.94- 01.94	111733#	14	120				
Eurovan 2.5 CL	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111733#	14	120				
Eurovan 2.5 CV	[AAF]	01.92- 01.93	111353	14	70	01.93- 01.93	111060	12	1.7
		01.92- 01.93	111477	14	90				
		01.92- 01.93	111733#	14	120				
Eurovan 2.5 GL	[AAF]	01.92- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.92- 01.94	111477	14	90				
		01.92- 01.94	111733#	14	120				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

Eurovan 2.5 GLS	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111733#	14	120				
Eurovan 2.5 MV	[AAF]	01.93- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.93- 01.94	111477	14	90				
		01.93- 01.94	111733#	14	120				
Eurovan 2.5 Transport	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111733#	14	120				
Eurovan 2.8	[AES]	01.99- 01.00	111353	14	70	01.99- 01.00	111900	12	1.8
		01.99- 01.00	111733#	14	120				
		01.01- 01.04	111353	14	70				
Eurovan 2.8 Camper	[AES]	01.97- 01.98	111733#	14	120	01.97- 01.98	111900	12	1.8
		01.97- 01.98	111820	14	90				
		05.96-	112167	12	1.8				
Fastback 1.6	[P]					01.68- 01.73	110363	12	0.7
Fox 1.8	[ABG]	01.91- 01.93	111539#	14	70	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112149	14	65				
		01.91- 01.93	112729	14	90				
		01.87- 01.90	111539#	14	70				
		01.87- 01.90	112149	14	65				
		01.87- 01.90	112729	14	90				
	[JN]	01.87- 01.90	111539#	14	70	01.87- 01.90	110865	12	0.95
		01.87- 01.90	112149	14	65				
		01.87- 01.90	112729	14	90				
		01.87- 01.87	111539#	14	70				
		01.87- 01.87	112149	14	65				
		01.87- 01.87	112729	14	90				
[UM]	01.87- 01.87	111539#	14	70	01.87- 01.87	110865	12	0.95	
	01.87- 01.87	112149	14	65					
	01.87- 01.87	112729	14	90					
	01.91- 01.93	111539#	14	70					
	01.91- 01.93	112149	14	65					
	01.91- 01.93	112729	14	90					
Fox 1.8 GL	[ABG]	01.91- 01.93	111539#	14	70	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112149	14	65				
		01.91- 01.93	112729	14	90				
		01.87- 01.90	111539#	14	70				
		01.87- 01.90	112149	14	65				
		01.87- 01.90	112729	14	90				
[JN]	01.87- 01.90	111539#	14	70	01.87- 01.90	110865	12	0.95	
	01.87- 01.90	112149	14	65					
	01.87- 01.90	112729	14	90					
	01.87- 01.87	111539#	14	70					
	01.87- 01.87	112149	14	65					
	01.87- 01.87	112729	14	90					
[UM]	01.87- 01.87	111539#	14	70	01.87- 01.87	110865	12	0.95	
	01.87- 01.87	112149	14	65					
	01.87- 01.87	112729	14	90					
	01.89- 01.90	111539#	14	70					
	01.89- 01.90	112149	14	65					
	01.89- 01.90	112729	14	90					
Fox 1.8 GL Sport	[JN]	01.89- 01.90	111539#	14	70	01.89- 01.90	110865	12	0.95
		01.89- 01.90	112149	14	65				
		01.89- 01.90	112729	14	90				
Golf I 1.6 Diesel						08.80- 07.83	110996	12	1.7
Golf II 1.6	[ME]	01.85- 01.86	111074#	14	70	01.85- 01.86	111060	12	1.7
		01.85- 01.86	111154	14	65				
		01.89-	111152	14	45				
		01.89-	111288	14	65				
Golf II 1.6 GL	[ME]	01.87- 01.88	111154	14	65	01.87- 01.88	111060	12	1.7
		01.87- 01.88	111288	14	65				
		01.89-	111152	14	45				
		01.88- 01.89	111160	14	65				
Golf II 1.8	[PF]	01.88- 01.89	111160	14	65	01.88- 01.89	111059	12	0.9
		01.88- 01.89	111539#	14	70				
		01.88- 01.89	112149	14	65				
		01.88- 01.89	112729	14	90				
		01.88- 01.89	111160	14	65				
		01.88- 01.89	111160	14	65				
	[RV]	01.88- 01.89	111539#	14	70	01.88- 01.89	111059	12	0.9
		01.88- 01.89	112149	14	65				
		01.88- 01.89	112729	14	90				
		01.88- 01.89	111539#	14	70				
		01.88- 01.89	112149	14	65				
		01.88- 01.89	112729	14	90				
Golf II 1.8 GL	[GX]	01.87- 01.87	111160	14	65	01.87- 01.87	111059	12	0.9
		01.87- 01.87	111539#	14	70				
		01.87- 01.87	112149	14	65				
		01.87- 01.87	112729	14	90				
		01.88- 01.90	111160	14	65				
		01.88- 01.92	111539#	14	70				
	[PF]	01.88- 01.92	112149	14	65	01.88- 01.92	111059	12	0.9
		01.88- 01.92	112729	14	90				
		01.88- 01.91	111160	14	65				
		01.88- 01.92	111539#	14	70				
		01.88- 01.92	112149	14	65				
		01.88- 01.92	112729	14	90				
Golf II 1.8 GT	[PF]	01.88- 01.88	111160	14	65	01.88- 01.88	111059	12	0.9
		01.88- 01.88	111539#	14	70				
		01.88- 01.88	112149	14	65				
		01.88- 01.88	112729	14	90				
		01.87- 01.87	111160	14	65				
		01.87- 01.87	111539#	14	70				
	[RD]	01.87- 01.87	112149	14	65	01.87- 01.87	111059	12	0.9
		01.87- 01.87	112729	14	90				
		01.87- 01.87	111539#	14	70				
		01.87- 01.87	112149	14	65				
		01.87- 01.87	112729	14	90				
		01.87- 01.89	111160	14	65				
Golf II 1.8 GTI 16V	[PL]	01.87- 01.89	111160	14	65	01.87- 01.89	111059	12	0.9
		01.87- 01.89	111539#	14	70				
		01.87- 01.89	112149	14	65				
		01.87- 01.89	112729	14	90				
		01.85- 01.86	110919	14	70				
		01.90- 01.92	111539#	14	70				
Golf II 1.8 GTI	[PF]	01.90- 01.92	112149	14	65	01.90- 01.92	111059	12	0.9
		01.90- 01.92	112729	14	90				
		01.85- 01.87	111160	14	65				
		01.85- 01.87	111539#	14	70				
		01.85- 01.87	112149	14	65				
		01.85- 01.87	112729	14	90				
	[RV]	01.90- 01.92	111539#	14	70	01.90- 01.92	111059	12	0.9
		01.90- 01.92	112149	14	65				
		01.90- 01.92	112729	14	90				
		01.90- 01.92	111160	14	65				
		01.90- 01.92	111539#	14	70				
		01.90- 01.92	112149	14	65				
Golf III 2.0 GTI 16V	[9A]	01.90- 01.92	111160	14	65	01.90- 01.92	112131	12	1.4
		01.90- 01.92	111523	12	1.4				
		01.92-	111288	14	65				
Golf III 1.6	[ME]	01.92-	111152	14	45				
		01.92-	111154	14	65				
		01.92-	111288	14	65				
Golf III 1.6 GL	[ME]	01.92-	111152	14	45				
		01.92-	111154	14	65				
		01.92-	111288	14	65				
Golf III 1.8	[ACC]	01.93-	111352	14	70	03.95-	111059	12	0.9
		01.93-	111353	14	70				
		01.93-	111477	14	90				
		01.93-	111479	14	90				
		01.93-	111733#	14	120				



Golf III 1.8 CL	[ACC]	01.93-	111352	14	70	08.97-	111909	12	1.1	
		01.93-	111353	14	70					
		01.93-	111477	14	90					
		01.93-	111479	14	90					
		01.93-	111733#	14	120					
Golf III 1.8 Turbo	[AWD]	01.00- 01.00	111353	14	70	01.00- 01.00	112005	12	1.1	
		01.00- 01.00	112402	14	120					
	[AWW]	01.00- 01.00	111353	14	70		01.00- 01.00	111909	12	1.1
		01.00- 01.00	112402	14	120					
Golf III 1.9	[AAZ]	01.93- 01.95	111352	14	70	01.93- 01.95	111060	12	1.7	
		01.93- 01.95	111353	14	70					
		01.93- 01.95	111477	14	90					
		01.93- 01.95	111479	14	90					
		01.93- 01.95	111733#	14	120					
Golf III 1.9 TDI	[AHU]	01.97- 01.97	111353	14	70	01.97- 01.97	111900	12	1.8	
		01.97- 01.97	111477	14	90					
		01.97- 01.97	111988	14	120					
	[ALH]	01.99- 01.99	111353	14	70		01.99- 01.99	111900	12	1.8
		01.99- 01.99	112075	14	70					
		01.99- 01.99	112079	14	90					
	[AAZ]	01.99- 01.99	112402	14	120		01.96- 01.96	111900	12	1.8
		01.96- 01.96	111352	14	70					
		01.96- 01.96	111353	14	70					
		01.96- 01.96	111477	14	90					
Golf III 1.9 Turbo	[ALH]	01.00- 01.00	111353	14	70	01.00- 01.00	111900	12	1.8	
		01.00- 01.00	112075	14	70					
		01.00- 01.00	112079	14	90					
		01.00- 01.00	112402	14	120					
		01.00- 01.00	112402	14	120					
Golf III 1.9 Turbo GL	[ALH]	01.99-	112079	14	90					
		01.99-	112402	14	120					
Golf III 2.0	[ABA]	01.98- 01.98	111352	14	70	01.98- 01.98	111748	12	1.1	
		01.98- 01.98	111353	14	70					
		01.98- 01.98	111477	14	90					
		01.98- 01.98	111479	14	90					
		01.98- 01.98	111733#	14	120					
	[AEG]	01.00- 01.00	111353	14	70					01.00- 01.00
	01.00- 01.00	112402	14	120						
Golf III 2.0 Celebration Edit	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1	
		01.95- 01.95	111353	14	70					
		01.95- 01.95	111477	14	90					
		01.95- 01.95	111479	14	90					
		01.95- 01.95	111733#	14	120					
Golf III 2.0 City	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1	
		01.95- 01.95	111353	14	70					
		01.95- 01.95	111477	14	90					
		01.95- 01.95	111479	14	90					
		01.95- 01.95	111733#	14	120					
Golf III 2.0 GL	[ABA]	01.93- 01.97	111352	14	70	01.99- 01.99	112005	12	1.1	
		01.93- 01.97	111477	14	90					
		01.93- 01.97	111479	14	90					
		01.93- 01.97	111733#	14	120					
		01.94- 01.99	111353	14	70					
		01.99- 01.99	112402	14	120					
	[AEG]	01.99- 01.99	111353	14	70		01.99- 01.99	111748	12	1.1
	01.99- 01.99	112402	14	120						
Golf III 2.0 GLS	[AEG]	01.99- 01.99	111353	14	70	01.99- 01.99	112005	12	1.1	
		01.99- 01.99	112402	14	120					
Golf III 2.0 JAZZ	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1	
		01.97- 01.97	111353	14	70					
		01.97- 01.97	111477	14	90					
		01.97- 01.97	111479	14	90					
		01.97- 01.97	111733#	14	120					
Golf III 2.0 K2	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1	
		01.97- 01.97	111353	14	70					
		01.97- 01.97	111477	14	90					
		01.97- 01.97	111479	14	90					
		01.97- 01.97	111733#	14	120					
	[ABA]	01.98- 01.98	111353	14	70		01.98- 01.98	111748	12	1.1
		01.98- 01.98	111479	14	90					
		01.98- 01.98	111352	14	70					
		01.98- 01.98	111477	14	90					
		01.98- 01.98	111733#	14	120					
Golf III 2.0 Sport	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1	
		01.95- 01.95	111353	14	70					
		01.95- 01.95	111477	14	90					
		01.95- 01.95	111479	14	90					
		01.95- 01.95	111733#	14	120					
Golf III 2.0 Trek	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1	
		01.97- 01.97	111353	14	70					
		01.97- 01.97	111477	14	90					
		01.97- 01.97	111479	14	90					
		01.97- 01.97	111733#	14	120					
Golf III 2.0 GTI	[ABA]	01.93- 01.98	111352	14	70	01.93- 01.99	111748	12	1.1	
		01.93- 01.98	111477	14	90					
		01.93- 01.98	111479	14	90					
		01.93- 01.98	111733#	14	120					
		01.94- 01.99	111353	14	70					
		01.99- 01.99	112402	14	120					
	[AEG]	01.99- 01.00	111353	14	70		01.99- 01.00	112005	12	1.1
	01.99- 01.00	112402	14	120						
Golf III 2.8 GTI	[AFP]	01.99- 01.02	111353	14	70					
		01.99- 01.02	112075	14	70					
		01.99- 01.02	112402	14	120					
	[AAA]	01.99- 01.99	111353	14	70		01.99- 01.99	112005	12	1.1
		01.99- 01.99	112075	14	70					
	01.99- 01.99	112402	14	120						
Golf III 2.8 VR6	[AAA]	01.95- 01.98	111353	14	70	01.95- 01.97	111060	12	1.7	
		01.95- 01.98	111477	14	90					
		01.95- 01.98	111733#	14	120					
		01.95- 01.98	111733#	14	120					
Golf III 1.8 GTI Turbo	[AWD]	01.01- 01.01	111353	14	70	01.01- 01.01	112429	12	2.0	
		01.01- 01.01	112402	14	120					
	[AWP]	01.02- 01.03	111353	14	70		01.02- 01.03	112005	12	1.1
		01.02- 01.03	111989	14	90					
		01.02- 01.03	112402	14	120		01.02- 01.03	112429	12	2.0
	[AWW]	01.01- 01.01	111353	14	70					
	01.01- 01.01	112402	14	120						
Golf III 1.8 Turbo	[AWD]	01.01- 01.01	111353	14	70	01.01- 01.01	112005	12	1.1	
		01.01- 01.01	112402	14	120					
		[AWW]	01.01- 01.01	111353	14					70
	01.01- 01.01	112402	14	120						
Golf III 1.9 Turbo	[ALH]	01.01- 01.01	111353	14	70	01.01- 01.01	111900	12	1.8	
		01.01- 01.01	112075	14	70					
		01.01- 01.02	112079	14	90					
		01.01- 01.02	112402	14	120					
	01.02- 01.02	112002	14	120						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VW Continued

Golf III 2.0	[AEG]	01.01- 01.01	111353	14	70	01.01- 01.01	112005	12	1.1	
		01.01- 01.01	112402	14	120	01.01- 01.01	111909	12	1.1	
	[AVH]	01.02- 01.03	111353	14	70	01.02- 01.03	112005	12	1.1	
		01.02- 01.03	112402	14	120	01.02- 01.03	111909	12	1.1	
						10.07-	113773	12	1.1	
Golf III 2.8 GTI	[BDF]	01.02- 01.02	111353	14	70					
		01.02- 01.02	112075	14	70					
Golf V 1.8 GTI Turbo	[AWP]	01.04-	111353	14	70					
		01.04-	111989	14	90					
		01.04-	112402	14	120					
Golf V 1.9 Turbo	[ALH]	01.04-	112002	14	120					
		01.04-	112079	14	90					
		01.04-	112402	14	120					
	[BEW]	01.04-	112002	14	120					
		01.04-	112079	14	90					
		01.04-	112402	14	120					
Golf V 2.0	[AVH]	01.05-	111353	14	70					
		01.05-	112402	14	120					
	[BEV]	01.05-	111353	14	70					
		01.05-	112402	14	120					
Jetta 1.6	[EJ]	01.80- 01.80	110726#	14	35	01.80- 01.80	110864	12	1.0	
		01.80- 01.80	110913	14	70					
Jetta 1.6	[IV]	01.91- 01.91	110913	14	70	01.91- 01.91	111060	12	1.7	
		01.91- 01.91	111152	14	45					
		01.91- 01.91	111154	14	65					
		01.91- 01.91	111288	14	65					
[ME]	01.87- 01.92	111154	14	65	01.87- 01.92	111060	12	1.7		
	01.87- 01.92	111288	14	65						
	01.92- 01.92	110913	14	70						
	01.92- 01.92	111152	14	45						
Jetta 1.6 Deluxe	[CR]	01.81- 01.81	110913	14	70	01.81- 01.82	110777	12	1.5	
		01.81- 01.82	111035	14	65					
	[JK]	01.83- 01.84	111035	14	65	01.83- 01.84	110777	12	1.5	
	[ME]	01.85- 01.86	111074#	14	70	01.85- 01.86	111060	12	1.7	
			01.85- 01.86	111154	14	65				
		01.86-	111288	14	65					
Jetta 1.6 GL	[IV]	01.92- 01.92	110913	14	70	01.92- 01.92	111060	12	1.7	
		01.92- 01.92	111152	14	45					
		01.92- 01.92	111288	14	65					
	[ME]	01.86- 01.91	111154	14	65	01.89- 01.91	111060	12	1.7	
		01.86- 01.91	111288	14	65					
		01.91- 01.91	110913	14	70					
		01.91- 01.91	111152	14	45					
Jetta 1.6 Turbo	[MF]	01.85- 01.88	111074#	14	70	01.85- 01.88	111060	12	1.7	
		01.85- 01.88	111154	14	65					
Jetta 1.6 Turbo Deluxe	[CY]	01.83- 01.84	111035	14	65	01.83- 01.84	110777	12	1.5	
	[MF]	01.85- 01.85	111074#	14	70	01.85- 01.85	111060	12	1.7	
		01.85- 01.85	111154	14	65					
		01.86-	111288	14	65					
Jetta 1.6 Turbo GL	[MF]	01.86- 01.88	111154	14	65	01.86- 01.88	111060	12	1.7	
		01.86- 01.88	111288	14	65					
Jetta 1.7 Deluxe	[EN]	01.81- 01.84	110913	14	70	01.81- 01.84	110864	12	1.0	
		01.81- 01.84	111652	14	65					
Jetta 1.8	[ACC]	01.93-	111352	14	70					
		01.93-	111353	14	70					
		01.93-	111477	14	90					
		01.93-	111479	14	90					
			01.93-	111733#	14	120				
	[GX]	01.87- 01.87	111539#	14	70	01.87- 01.87	111059	12	0.9	
		01.87- 01.87	112149	14	65					
		01.87- 01.87	112729	14	90					
	[MZ]	01.85- 01.86	110919	14	70	01.85- 01.86	111059	12	0.9	
	[PF]	01.89- 01.89	111160	14	65	01.89- 01.89	111059	12	0.9	
			01.89- 01.92	111539#	14	70	01.90- 01.92	111523		
			01.89- 01.92	112149	14	65				
		01.89- 01.92	112729	14	90					
[RV]	01.88- 01.89	111160	14	65	01.88- 01.92	111059	12	0.9		
		01.88- 01.92	111539#	14	70					
		01.88- 01.92	112149	14	65					
		01.88- 01.92	112729	14	90					
Jetta 1.8 Carat	[PF]	01.88- 01.88	111160	14	65	01.88- 01.88	111059	12	0.9	
		01.88- 01.88	111539#	14	70					
		01.88- 01.88	112149	14	65					
		01.88- 01.88	112729	14	90					
[RD]	01.88- 01.88	111160	14	65	01.88- 01.88	111059	12	0.9		
		01.88- 01.88	111539#	14	70					
		01.88- 01.88	112149	14	65					
		01.88- 01.88	112729	14	90					
[RV]	01.89- 01.91	111160	14	65	01.89- 01.92	111059	12	0.9		
		01.89- 01.92	111539#	14	70	01.91- 01.92	111523			
		01.89- 01.92	112149	14	65					
		01.89- 01.92	112729	14	90					
Jetta 1.8 CL	[ACC]	01.94-	111352	14	70					
		01.94-	111353	14	70					
		01.94-	111477	14	90					
		01.94-	111479	14	90					
		01.94-	111733#	14	120					
Jetta 1.8 Deluxe	[GX]	01.85- 01.87	110919	14	70	01.85- 01.87	111059	12	0.9	
[JH]	01.84- 01.84	110919	14	70						
Jetta 1.8 GL	[ACC]	01.93-	111352	14	70					
		01.93-	111353	14	70					
		01.93-	111477	14	90					
		01.93-	111479	14	90					
			01.93-	111733#	14	120				
	[GX]	01.86-	111539#	14	70					
		01.86-	112149	14	65					
		01.86-	112729	14	90					
	[PF]	01.88- 01.90	111160	14	65	01.88- 01.92	111059	12	0.9	
			01.88- 01.92	111539#	14	70	01.91- 01.92	111523		
			01.88- 01.92	112149	14	65				
			01.88- 01.92	112729	14	90				
[RD]	01.88- 01.88	111160	14	65	01.88- 01.88	111059	12	0.9		
		01.88- 01.88	111539#	14	70					
		01.88- 01.88	112149	14	65					
		01.88- 01.88	112729	14	90					



	[RV]	01.88- 01.92	111160	14	65		01.90- 01.92	111523		
		01.88- 01.92	111539#	14	70		01.88- 01.92	111059	12	0.9
		01.88- 01.92	112149	14	65					
		01.88- 01.92	112729	14	90					
Jetta 1.8 GLI	[HT]	01.85- 01.85	110919	14	70		01.85- 01.85	111059	12	0.9
	[PF]	01.87- 01.88	111539#	14	70		01.87- 01.88	111059	12	0.9
		01.87- 01.88	112149	14	65					
		01.87- 01.88	112729	14	90					
		01.88- 01.88	111160	14	65					
	[RD]	01.86- 01.87	111539#	14	70		01.86- 01.87	111059	12	0.9
		01.86- 01.87	112149	14	65					
		01.86- 01.87	112729	14	90					
Jetta 1.8 16V GLI	[PL]	01.87- 01.89	111539#	14	70		01.87- 01.89	111059	12	0.9
		01.87- 01.89	112149	14	65					
		01.87- 01.89	112729	14	90					
Jetta 1.8 Turbo	[AWP]	01.05-	111353	14	70					
		01.05-	111989	14	90					
		01.05-	112402	14	120					
Jetta 1.8 Turbo GLS	[AWD]	01.00- 01.01	111353	14	70		01.01- 01.01	112429	12	2.0
		01.00- 01.01	112402	14	120		01.00- 01.01	112005	12	1.1
							01.00- 01.00	111909	12	1.1
	[AWP]	01.02- 01.03	111353	14	70		01.02- 01.03	112429	12	2.0
		01.02- 01.03	111989	14	90		01.02- 01.03	112005	12	1.1
		01.02- 01.03	112402	14	120					
	[AWW]	01.00- 01.01	111353	14	70		01.01- 01.01	112429	12	2.0
		01.00- 01.01	112402	14	120		01.00- 01.01	112005	12	1.1
							01.00- 01.00	111909	12	1.1
Jetta 1.9	[AAZ]	10.92- 01.95	111352	14	70		01.93- 01.95	111060	12	1.7
		01.93- 01.95	111353	14	70					
		01.93- 01.95	111477	14	90					
		01.93- 01.95	111733#	14	120					
Jetta 1.9 TDI	[AHU]	01.97- 01.98	111353	14	70		01.97- 01.98	111900	12	1.8
		01.97- 01.98	111477	14	90					
		01.97- 01.98	111968	14	120					
	[ALH]	01.02- 01.02	112002	14	120		01.99- 01.01	111900	12	1.8
		01.99- 01.01	111353	14	70					
		01.99- 01.01	112075	14	70					
		01.99- 01.02	112079	14	90					
		01.99- 01.02	112402	14	120					
	[BEW]	01.04-	112002	14	120					
		01.04-	112079	14	90					
		01.04-	112402	14	120					
	[AAZ]	01.96- 01.96	111352	14	70		01.96- 01.96	111900	12	1.8
		01.96- 01.96	111353	14	70					
		01.96- 01.96	111477	14	90					
		01.96- 01.96	111733#	14	120					
Jetta 2.0	[ABA]	01.98-	111352	14	70					
		01.98-	111353	14	70					
		01.98-	111477	14	90					
		01.98-	111479	14	90					
		01.98-	111733#	14	120					
	[AVH]	01.01- 01.03	111353	14	70		01.01- 01.03	111909	12	1.1
		01.01- 01.02	112402	14	120		01.01- 01.03	112005	12	1.1
		01.03- 01.03	111989	14	90					
	[AZG]	01.01- 01.02	111353	14	70		01.01- 01.02	111909	12	1.1
		01.01- 01.02	112402	14	120		01.01- 01.02	112005	12	1.1
		01.04-	111989	14	90					
	[BEV]	01.04-	111353	14	70					
		01.04-	111989	14	90					
Jetta 2.0 Celebration Edit	[ABA]	01.95- 01.95	111352	14	70		01.95- 01.95	111748	12	1.1
		01.95- 01.95	111353	14	70					
		01.95- 01.95	111477	14	90					
		01.95- 01.95	111479	14	90					
		01.95- 01.95	111733#	14	120					
Jetta 2.0 City	[ABA]	01.95- 01.95	111352	14	70		01.95- 01.95	111748	12	1.1
		01.95- 01.95	111353	14	70					
		01.95- 01.95	111477	14	90					
		01.95- 01.95	111479	14	90					
		01.95- 01.95	111733#	14	120					
Jetta 2.0 GL	[ABA]	01.93- 01.98	111352	14	70		01.99- 01.99	112005	12	1.1
		01.93- 01.98	111477	14	90		01.94- 01.99	111748	12	1.1
		01.93- 01.98	111479	14	90					
		01.93- 01.98	111733#	14	120					
		01.94- 01.99	111353	14	70					
		01.99- 01.99	112402	14	120					
	[AEG]	01.99- 01.01	111353	14	70		01.99- 01.01	112005	12	1.1
		01.99- 01.01	112402	14	120		01.01- 01.01	111909	12	1.1
	[AVH]	01.02- 01.03	111353	14	70		01.02- 01.03	112005	12	1.1
		01.02- 01.03	111989	14	90		01.02- 01.03	111909	12	1.1
	[AZG]	01.02- 01.02	111353	14	70		01.02- 01.02	112005	12	1.1
		01.02- 01.02	111989	14	90		01.02- 01.02	111909	12	1.1
Jetta 2.0 GLS	[ABA]	01.93- 01.98	111352	14	70		01.94- 01.99	111748	12	1.1
		01.93- 01.98	111477	14	90		01.99- 01.99	112005	12	1.1
		01.93- 01.98	111479	14	90					
		01.93- 01.98	111733#	14	120					
		01.94- 01.99	111353	14	70					
		01.99- 01.99	112402	14	120					
	[AEG]	01.99- 01.00	111353	14	70		01.99- 01.00	112005	12	1.1
		01.99- 01.00	112402	14	120					
Jetta 2.0 GT	[ABA]	01.97- 01.98	111352	14	70		01.97- 01.98	111748	12	1.1
		01.97- 01.98	111353	14	70					
		01.97- 01.98	111477	14	90					
		01.97- 01.98	111479	14	90					
		01.97- 01.98	111733#	14	120					
Jetta 2.0 JAZZ	[ABA]	01.97- 01.97	111352	14	70		01.97- 01.97	111748	12	1.1
		01.97- 01.97	111353	14	70					
		01.97- 01.97	111477	14	90					
		01.97- 01.97	111479	14	90					
		01.97- 01.97	111733#	14	120					
Jetta 2.0 K2	[ABA]	01.98- 01.98	111352	14	70		01.98- 01.98	111748	12	1.1
		01.98- 01.98	111353	14	70					
		01.98- 01.98	111477	14	90					
		01.98- 01.98	111479	14	90					
		01.98- 01.98	111733#	14	120					
Jetta 2.0 Trek	[ABA]	01.96- 01.96	111352	14	70		01.96- 01.96	111748	12	1.1
		01.96- 01.96	111353	14	70					
		01.96- 01.96	111477	14	90					
		01.96- 01.96	111479	14	90					
		01.96- 01.96	111733#	14	120					
Jetta 2.0 Trek II	[ABA]	01.97- 01.97	111352	14	70		01.97- 01.97	111748	12	1.1
		01.97- 01.97	111353	14	70					
		01.97- 01.97	111477	14	90					
		01.97- 01.97	111479	14	90					
		01.97- 01.97	111733#	14	120					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

Jetta 2.0 Wolfsburg Edition	[ABA]	01.96- 01.96	111352	14	70	01.96- 01.96	111748	12	1.1	
		01.96- 01.96	111353	14	70					
		01.96- 01.96	111477	14	90					
		01.96- 01.96	111479	14	90					
		01.96- 01.96	111733#	14	120					
Jetta 2.0 16V GLI	[9A]	01.90- 01.92	112750	14	90	01.90- 01.92	111523	12	1.4	
						01.90- 01.92	112131			
Jetta 2.0 16V GTX	[9A]	01.90- 01.92	112750	14	90	01.90- 01.92	111523	12	1.4	
						01.90- 01.92	112131			
Jetta 2.8 GLI	[BDF]	01.03- 01.03	111353	14	70					
			112075	14	70					
Jetta 2.8 GLS	[AFP]	01.99- 01.02	111353	14	70					
		01.99- 01.02	112075	14	70					
		01.99- 01.02	112402	14	120					
	[BDF]	01.02- 01.02	111353	14	70					
		01.02- 01.02	112075	14	70					
		01.02- 01.02	112402	14	120					
Jetta 2.8 GLX	[AFP]	01.99- 01.02	111353	14	70					
		01.99- 01.02	112075	14	70					
		01.99- 01.02	112402	14	120					
		[BDF]	01.02- 01.02	111353	14	70				
			01.02- 01.02	112075	14	70				
			01.02- 01.02	112402	14	120				
	[AAA]	01.94- 01.99	111353	14	70	01.95- 01.95	111060	12	1.7	
		01.94- 01.98	111477	14	90					
		01.94- 01.98	111733#	14	120					
		01.99- 01.99	112075	14	70					
		01.99- 01.99	112402	14	120					
Karmann Ghia 1.3	[F]					01.66- 01.66	111133	6	0.5	
Karmann Ghia 1.5	[H]					01.67- 01.69	110363	12	0.7	
						01.67- 01.69	111099	12	0.7	
Karmann Ghia 1.6	[AE]					01.71- 01.73	110363	12	0.7	
						01.71- 01.73	111099	12	0.7	
	[AH]					01.72- 01.74	110363	12	0.7	
						01.72- 01.74	111099	12	0.7	
	[AK]					01.73- 01.74	110363	12	0.7	
						01.73- 01.74	111099	12	0.7	
	[B]					01.70- 01.70	110363	12	0.7	
						01.70- 01.70	111099	12	0.7	
Passat 1.8 Super	[PG]	01.91- 01.92	112797	14	90					
		01.92- 01.92	111477	14	90					
		01.92- 01.92	111479	14	90					
		01.92- 01.92	111733#	14	120					
Passat 1.8 Super Syncro	[PG]	01.92- 01.92	111477	14	90					
		01.92- 01.92	111479	14	90					
		01.92- 01.92	111733#	14	120					
		01.92- 01.92	112797	14	90					
Passat 1.8 Turbo	[AUG]	01.00- 01.01	112399	14	90	01.00- 01.01	112321	12	1.1	
	[AEB]	01.99- 01.99	111478	14	90	01.99- 01.99	112321	12	1.1	
		01.99- 01.99	112399	14	90					
		01.99- 11.00	113783#	14	70					
	[ATW]	01.00- 01.01	112399	14	90	01.00- 01.01	112321	12	1.1	
	[AWM]	01.01- 01.03	112399	14	90	01.01- 01.03	112321	12	1.1	
Passat 1.8 Turbo GLS	[AEB]	01.98- 01.98	111478	14	90	01.98- 01.98	112321	12	1.1	
		01.98- 11.00	113783#	14	70					
Passat 1.9	[AAZ]	01.92- 01.94	111352	14	70	01.92- 01.94	111060	12	1.7	
		01.92- 01.94	111353	14	70					
		01.92- 01.94	111477	14	90					
		01.92- 01.94	111479	14	90					
		01.92- 01.94	111733#	14	120					
Passat 1.9 TDI	[1Z]	01.96- 01.96	111352	14	70	01.96- 01.96	111900	12	1.8	
		01.96- 01.96	111353	14	70	01.96- 01.96	111060	12	1.7	
		01.96- 01.96	111477	14	90					
		01.96- 01.96	111479	14	90					
		01.96- 01.96	111733#	14	120					
			01.96- 01.96	111988	14	120				
		[AHU]	01.97- 01.97	111352	14	70	01.97- 01.97	111900	12	1.8
			01.97- 01.97	111353	14	70				
		01.97- 01.97	111477	14	90					
		01.97- 01.97	111479	14	90					
		01.97- 01.97	111733#	14	120					
		01.97- 01.97	111988	14	120					
Passat 2.0	[ALH]	01.98- 01.98	111478	14	90					
Passat 2.0	[9A]	01.90- 01.92	111160	14	65	01.90- 01.92	112131	12	1.4	
						01.90- 01.92	111523			
		01.90- 01.92	112750	14	90					
		01.94- 01.94	111477	14	90					
		01.94- 01.94	111733#	14	120					
Passat 2.0 CL	[9A]	01.92- 01.92	111160	14	65	01.92- 01.92	111748	12	1.1	
						01.92- 01.92	111749	12	1.1	
Passat 2.0 GL	[9A]	01.90- 01.93	111160	14	65	01.90- 01.93	112131	12	1.4	
						01.90- 01.93	111523			
Passat 2.0 GLS	[ABA]	01.95- 01.96	111477	14	90	01.96- 01.96	111748	12	1.1	
		01.95- 01.96	111733#	14	120	01.96- 01.96	111749	12	1.1	
Passat 2.8	[AHA]	01.99- 01.99	112399	14	90	01.99- 01.99	112309	12	1.4	
		01.99- 01.99	112806	14	120					
Passat 2.8 4 Motion	[ATO]	01.00- 01.02	112399	14	90	01.00- 01.02	111769	12	1.4	
		01.01- 01.02	112399	14	90	01.01- 01.02	111769	12	1.4	
Passat 2.8 GLS	[AHA]	01.98- 01.98	112806	14	120	01.98- 01.98	112309	12	1.4	
		[AAA]	01.93- 01.93	111353	14	70	01.93- 01.93	111060	12	1.7
			01.93- 01.93	111477	14	90				
		01.93- 01.93	111733#	14	120					
Passat 2.8 GLX	[AHA]	01.98- 01.98	112806	14	120	01.98- 01.98	112309	12	1.4	
		01.93- 01.97	111353	14	70	01.93- 01.97	111060	12	1.7	
			01.93- 01.97	111477	14	90				
			01.93- 01.97	111733#	14	120				
Passat 2.8 VR6 GLX	[AAA]	01.95- 01.95	111477	14	90	06.91- 03.97	112286	12	1.7	
		01.95- 01.95	111733#	14	120	01.95- 01.95	111060	12	1.7	
Quantum 1.6 Turbo	[MD]									
Quantum 1.6 Turbo Custom	[CY]					01.83- 01.83	110861			
Quantum 1.6 Turbo DLX	[CY]	01.82- 01.83	111035	14	65	01.82- 01.83	110861			
Quantum 1.6 Turbo GL Custom	[CY]					01.84- 01.84	110861			
	[MD]	01.85- 01.85	110990#	14	90	01.85- 01.85	110861			
Quantum 1.7 Custom	[WT]	01.82- 01.83	110913	14	70	01.82- 01.83	110865	12	0.95	
		01.82- 01.83	110990#	14	90	01.82- 01.83	111058	12	0.8	
		01.82- 01.83	111139	14	75					
		01.82- 01.83	111652	14	65					
Quantum 1.7 DLX	[WT]	01.82- 01.83	110913	14	70	01.82- 01.83	111058	12	0.8	
		01.82- 01.83	110990#	14	90	01.82- 01.83	110865	12	0.95	
		01.82- 01.83	111139	14	75					
		01.82- 01.83	111652	14	65					
Quantum 1.8	[JN]	01.85-	110919	14	70					



Quantum 1.8 GL Custom	[JN]	01.84-	110919	14	70				
Quantum 1.8 GL Deluxe	[JN]	01.84-	110919	14	70				
Quantum 2.2	[KM]					01.85- 01.85	111010	12	1.4
	[KX]					01.85- 01.87	111010	12	1.4
			01.85- 01.87	112729	14	90			
Quantum 2.2 Custom	[WE]	01.83- 01.83	111139	14	75	01.83- 01.83	111010	12	1.4
Quantum 2.2 GL	[KX]					01.88- 01.88	111010	12	1.4
			01.88- 01.88	112729	14	90			
Quantum 2.2 GL Custom	[KM]	01.84- 01.85	111139	14	75	01.84- 01.85	111010	12	1.4
	[KX]					01.85- 01.87	111010	12	1.4
			01.85- 01.87	112729	14	90			
	[WE]	01.84-	111139	14	75				
Quantum 2.2 GL Deluxe	[KM]	01.84- 01.84	111139	14	75	01.84- 01.84	111010	12	1.4
	[WE]	01.84-	111139	14	75				
Quantum 2.2 Syncro	[JT]					01.86- 01.87	111010	12	1.4
			01.86- 01.87	112729	14	90			
	[KX]					01.88- 01.88	111010	12	1.4
		01.88- 01.88	112729	14	90				
Rabbit 1.5	[EH]	01.79- 01.80	110357	14	55	01.79- 01.80	110864	12	1.0
		01.79- 01.80	110726#	14	35				
		01.79- 01.80	110913	14	70				
		01.79- 01.80	111652	14	65				
	[FC]	01.75- 01.75	110360	14	45	01.75- 01.75	110339	12	0.8
		01.75- 01.75	110913	14	70	01.75- 01.75	110864	12	1.0
	[FG]	01.75- 01.75	110360	14	45	01.75- 01.75	110864	12	1.0
		01.75- 01.75	110913	14	70	01.75- 01.75	110339	12	0.8
	[FX]	01.78- 01.80	110357	14	55	01.80- 01.80	110864	12	1.0
	01.78- 01.80	110726#	14	35					
	01.78- 01.80	110913	14	70					
	01.78- 01.80	111652	14	65					
Rabbit 1.5	[CK]	01.77- 01.80	110360	14	45	01.77- 01.80	110777	12	1.5
		01.77- 01.80	110913	14	70				
Rabbit 1.6	[EE]	01.77- 01.77	110357	14	55	01.77- 01.77	110864	12	1.0
		01.77- 01.77	110726#	14	35				
		01.77- 01.77	110913	14	70				
		01.77- 01.77	111652	14	65				
	[EJ]	01.80- 01.80	110357	14	55	01.80- 01.80	110864	12	1.0
		01.80- 01.80	110726#	14	35				
		01.80- 01.80	110913	14	70				
		01.80- 01.80	111652	14	65				
	[FN]	01.76- 01.76	110360	14	45	01.76- 01.76	110864	12	1.0
		01.76- 01.76	110913	14	70				
Rabbit 1.6	[CR]	01.81- 01.83	110913	14	70	01.81- 01.83	110777	12	1.5
		01.81- 01.83	111035	14	65				
Rabbit 1.6 GL DLX	[CR]	01.83-	110913	14	70				
		01.83-	111035	14	65				
	[JK]	01.83-	110913	14	70				
		01.83-	111035	14	65				
Rabbit 1.6 L	[CR]	01.83- 01.83	110913	14	70	01.83- 01.83	110777	12	1.5
		01.83- 01.83	111035	14	65				
	[JK]	01.83- 01.84	110913	14	70	01.84- 01.84	111060	12	1.7
		01.83- 01.84	111035	14	65				
Rabbit 1.6 L Custom	[CR]	01.81- 01.82	110913	14	70	01.81- 01.82	110777	12	1.5
		01.81- 01.82	111035	14	65				
Rabbit 1.6 LS Custom	[CR]	01.83- 01.83	110913	14	70	01.83- 01.83	110777	12	1.5
		01.83- 01.83	111035	14	65				
	[JK]	01.83-	110913	14	70				
		01.83-	111035	14	65				
Rabbit 1.6 LS Deluxe	[CR]	01.81- 01.82	110913	14	70	01.81- 01.82	110777	12	1.5
		01.81- 01.82	111035	14	65				
Rabbit 1.7	[EN]	08.80- 01.81	111653	14	45	01.81- 01.83	110864	12	1.0
		01.81- 01.83	110357	14	55	08.80- 01.81	110340	12	0.8
		01.81- 01.83	110726#	14	35				
		01.81- 01.83	110913	14	70				
		01.81- 01.83	111652	14	65				
	[JF]	01.82-	110357	14	55				
		01.82-	110726#	14	35				
		01.82-	110913	14	70				
		01.82-	111652	14	65				
Rabbit 1.7 GL DLX	[EN]	08.80- 01.81	111653	14	45	01.83- 01.83	110864	12	1.0
		01.83- 01.83	110357	14	55				
		01.83- 01.83	110726#	14	35				
		01.83- 01.83	110913	14	70				
		01.83- 01.83	111652	14	65				
	[JF]	08.80- 01.81	111653	14	45				
		01.83-	110357	14	55				
		01.83-	110726#	14	35				
		01.83-	110913	14	70				
		01.83-	111652	14	65				
Rabbit 1.7 L	[EN]	08.80- 01.81	111653	14	45	01.84- 01.84	110864	12	1.0
		01.84- 01.84	110357	14	55				
		01.84- 01.84	110726#	14	35				
		01.84- 01.84	110913	14	70				
		01.84- 01.84	111652	14	65				
	[JF]	08.80- 01.81	111653	14	45	01.83- 01.84	110864	12	1.0
		01.83- 01.84	110357	14	55				
		01.83- 01.84	110726#	14	35				
		01.83- 01.84	110913	14	70				
		01.83- 01.84	111652	14	65				
Rabbit 1.7 L Custom	[EN]	08.80- 01.81	111653	14	45	01.82-	110864	12	1.0
		01.82-	110357	14	55				
		01.82-	110726#	14	35				
		01.82-	110913	14	70				
		01.82-	111652	14	65				
	[JF]	01.82-	110357	14	55				
		01.82-	110726#	14	35				
		01.82-	110913	14	70				
		01.82-	111652	14	65				





Application list

VW Continued

Rabbit 1.7 LS Custom	[EN]	08.80- 01.81	111653	14	45	01.83- 01.83	110864	12	1.0				
		01.83- 01.83	110357	14	55								
		01.83- 01.83	110726#	14	35								
		01.83- 01.83	110913	14	70								
	01.83- 01.83	111652	14	65									
	[JF]	08.80- 01.81	111653	14	45								
		01.83-	110357	14	55								
		01.83-	110726#	14	35								
01.83-		110913	14	70									
01.83-	111652	14	65										
Rabbit 1.7 LS Deluxe	[EN]	08.80- 01.81	111653	14	45	01.82-	110864	12	1.0				
		01.82-	110357	14	55								
		01.82-	110726#	14	35								
		01.82-	110913	14	70								
	01.82-	111652	14	65									
	[JF]	01.82-	110357	14	55								
		01.82-	110726#	14	35								
		01.82-	110913	14	70								
01.82-		111652	14	65									
Rabbit 1.7 GTI Sport	[EN]	01.83-	110357	14	55								
		01.83-	110726#	14	35								
		01.83-	110913	14	70								
		01.83-	111652	14	65								
Rabbit 1.8	[JH]	01.83- 01.83	110357	14	55								
		01.83- 01.83	110726#	14	35								
		01.83- 01.83	110913	14	70								
		01.83- 01.83	111652	14	65								
		01.84- 01.84	110919	14	70								
Rabbit 1.8 GTI Sport	[JH]	01.83- 01.84	110357	14	55								
		01.83- 01.84	110726#	14	35								
		01.83- 01.84	110913	14	70								
		01.83- 01.84	111652	14	65								
Scirocco 1.5	[EH]	01.78-	110357	14	55								
		01.78-	110726#	14	35								
		01.78-	110913	14	70								
		01.78-	111652	14	65								
	[FC]	01.75- 01.75	110360	14	45	01.75- 01.75	110864	12	1.0				
	01.75- 01.75	110913	14	70	01.75- 01.75	110339	12	0.8					
[FG]	01.75- 01.75	110360	14	45	01.75- 01.75	110339	12	0.8					
	01.75- 01.75	110913	14	70	01.75- 01.75	110864	12	1.0					
Scirocco 1.6	[EE]	01.77- 01.77	110357	14	55	01.77- 01.77	110864	12	1.0				
		01.77- 01.77	110726#	14	35								
		01.77- 01.77	110913	14	70								
		01.77- 01.77	111652	14	65								
	[EJ]	01.79- 01.80	110357	14	55								
		01.79- 01.80	110726#	14	35								
		01.79- 01.80	110913	14	70								
		01.79- 01.80	111652	14	65								
[FN]	01.76- 01.76	110360	14	45									
	01.76- 01.76	110913	14	70									
Scirocco 1.7 DLX	[EN]	01.81- 01.83	110913	14	70	08.80- 04.81	110340	12	0.8				
		01.81- 01.83	111652	14	65					01.81- 01.83	110864	12	1.0
		01.88- 01.88	111160	14	65								
Scirocco 1.8	[JH]	01.88- 01.88	111539#	14	70	01.88- 01.88	111059	12	0.9				
		01.88- 01.88	112149	14	65								
		01.88- 01.88	112729	14	90								
		01.88- 01.88	110864	12	1.0								
Scirocco 1.8 DLX	[JH]	01.83- 01.83	110357	14	55	01.84- 01.87	111059	12	0.9				
		01.83- 01.83	110726#	14	35								
		01.83- 01.83	110913	14	70								
		01.83- 01.83	111652	14	65								
		01.84- 01.85	110919	14	70								
		01.86- 01.87	111160	14	65								
Scirocco 1.8 16V	[PL]	01.86- 01.87	111539#	14	70	01.83- 01.87	110864	12	1.0				
		01.86- 01.87	112149	14	65								
		01.86- 01.87	112729	14	90								
		01.87- 01.88	111160	14	65								
Squareback 1.6	[P]	01.87- 01.88	111539#	14	70	01.87- 01.88	111059	12	0.9				
		01.87- 01.88	112149	14	65								
		01.87- 01.88	112729	14	90								
		01.87- 01.88	111160	14	65								
		01.87- 01.88	111652	14	65								
Super Beetle 1.6	[AE]	01.68- 01.73	110363	12	0.7	01.68- 01.73	110363	12	0.7				
		01.68- 01.73	111099	12	0.7								
		01.67- 01.73	110363	12	0.7								
		01.67- 01.73	111099	12	0.7								
		01.68- 01.73	110363	12	0.7								
Thing 1.6	[AF]	01.68- 01.73	110363	12	0.7	01.68- 01.73	110363	12	0.7				
		01.68- 01.73	111099	12	0.7								
		01.72- 01.73	110363	12	0.7								
		01.72- 01.73	111099	12	0.7								
		01.72- 01.73	110363	12	0.7								
Transporter 1.5	[H]	01.71- 01.73	110363	12	0.7	01.71- 01.73	110363	12	0.7				
		01.71- 01.73	111099	12	0.7								
		01.73- 01.74	110363	12	0.7								
		01.73- 01.74	111099	12	0.7								
		01.73- 01.74	110363	12	0.7								
Transporter 1.6	[AD]	01.67- 01.67	110363	12	0.7	01.67- 01.73	110363	12	0.7				
		01.63- 01.66	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
Transporter 1.6 211	[AD]	01.71- 01.71	110363	12	0.7	01.71- 01.71	110363	12	0.7				
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
Transporter 1.6 215	[AD]	01.69- 01.70	110363	12	0.7	01.69- 01.70	110363	12	0.7				
		01.69- 01.70	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
Transporter 1.6 261	[AD]	01.71- 01.71	110363	12	0.7	01.71- 01.71	110363	12	0.7				
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
Transporter 1.6 265	[AD]	01.71- 01.71	110363	12	0.7	01.71- 01.71	110363	12	0.7				
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								
		01.71- 01.71	110363	12	0.7								



Transporter 1.7	[CA]					01.72- 01.73	110363	12	0.7	
						01.72- 01.73	111099	12	0.7	
	[CB]					01.72- 01.73	110363	12	0.7	
						01.72- 01.73	111099	12	0.7	
	[CD]					01.73- 01.73	110363	12	0.7	
Transporter 1.7 211						01.73- 01.73	111099	12	0.7	
	[CA]					01.72- 01.73	110363	12	0.7	
						01.72- 01.73	111099	12	0.7	
	[CB]					01.72- 01.73	110363	12	0.7	
						01.72- 01.73	111099	12	0.7	
Transporter 1.7 215						01.73- 01.73	110363	12	0.7	
	[CA]					01.72- 01.73	110363	12	0.7	
						01.72- 01.73	111099	12	0.7	
	[CB]					01.72- 01.73	110363	12	0.7	
						01.72- 01.73	111099	12	0.7	
Transporter 1.8						01.73- 01.73	110363	12	0.7	
	[AP]					01.73- 01.73	111099	12	0.7	
						01.73- 01.73	110363	12	0.7	
	[AW]					01.73- 01.73	111099	12	0.7	
						01.73- 01.73	110363	12	0.7	
Transporter 1.8 211						01.74- 01.75	110363	12	0.7	
	[AP]					01.74- 01.75	111099	12	0.7	
						01.74- 01.74	110363	12	0.7	
	[AW]					01.74- 01.74	111099	12	0.7	
						01.74- 01.74	110363	12	0.7	
Transporter 1.9						01.74- 01.74	111099	12	0.7	
	[DH]					01.74- 01.75	110363	12	0.7	
						01.74- 01.75	111099	12	0.7	
	[CJ]					01.76- 01.79	110858	12	0.7	
						01.76- 01.79	111099	12	0.7	
Transporter 2.0						01.76- 01.77	110858	12	0.7	
	[GD]					01.76- 01.77	111099	12	0.7	
						01.76- 01.77	110858	12	0.7	
						01.78- 01.79	110858	12	0.7	
						01.78- 01.79	111099	12	0.7	
Transporter 2.1	[MV]	01.86- 01.91	112729	14	90					
Transporter 2.5	[AAF]	01.93- 01.93	111353	14	70		01.93- 01.93	111060	12	1.7
		01.93- 01.93	111477	14	90					
		01.93- 01.93	111733#	14	120					
Vanagon 1.6	[CS]	01.82- 01.83	110913	14	70		01.82- 01.83	111069	12	1.7
Vanagon 1.6 Campmobile	[CS]	01.82- 01.83	110913	14	70		01.82- 01.83	111069	12	1.7
Vanagon 1.9	[DH]									
Vanagon 1.9 Campmobile	[DH]									
Vanagon 2.0	[CV]	01.80- 01.83	111670	14	45		01.80- 01.81	111099	12	0.7
Vanagon 2.0 Campmobile							01.80- 01.80	110858	12	0.7
	[CV]	01.80- 01.83	111670	14	45		01.80- 01.83	111099	12	0.7
							01.80- 01.80	110858	12	0.7
Vanagon 2.0 Transport	[CV]	01.81- 01.81	111670	14	45		01.81- 01.81	111099	12	0.7
Vanagon 2.1	[MV]	01.86- 01.91	112729	14	90					
Vanagon 2.1 Campmobile	[MV]	01.86- 01.91	112729	14	90					
Vanagon 2.1 Syncro	[MV]	01.86- 01.91	112729	14	90					
<b>PASSENGER CARS AO</b>										
Golf I 1.6 TD CL							08.83- 07.92	111059	12	0.9
Golf II 1.6 TD CL							08.83- 07.92	111059	12	0.9
Golf V 2.0	[BWA]						06.07-	113773	12	1.1
Jetta 1.8 Syncro	[RH]						07.87- 10.91	111059	12	0.9
LT 28-35 2.8 TDI	[AGK]						02.97- 12.98	114304	12	2.3
Passat 1.8 T	[BCO]						05.01- 06.06	114304	12	2.3
	[AWM]						05.02- 08.05	112321	12	1.1
Passat 1.8 T Syncro	[AEB]	11.96- 08.00	113783#	14	70		05.02- 08.05	114179	12	1.2
Polo 1.4 Classic							12.95-	112307	12	1.1
Polo 1.6 Sportline	[BAH]	08.02- 05.05	113840#	14	90					
Polo 1.8 GTI Cup Edition	[BBU]						05.06-	114163	12	1.1
Polo 1.9 Diesel Classic							01.96- 10.96	112286	12	1.7
Santana 1.3 CX	[EP]						08.83- 12.84	110340	12	0.8
Santana 1.8	[DS]	08.84- 07.94	110911	14	55					
		08.84- 07.94	110919	14	70					
		08.84- 07.94	111539#	14	70					
		08.84- 07.94	112149	14	65					
		08.84- 07.94	112729	14	90					
Santana 1.8 GL		08.85-	112149	14	65					
		08.85-	111539#	14	70					
Transporter 2.5 TDI T5	[BLJ]	11.03-	113947	14	180		11.03-	113678	12	2.2
Transporter 2.8 T4	[AES]						AT 05.96- 05.00	113387	12	2.0
							05.96- 05.00	111060	12	1.7
							01.96- 04.97	112052	12	2.2
							05.96- 05.00	112286	12	1.7
Transporter 3.2 T5 4 Motion	[BDL]	11.03- 06.06	114453	14	180					
	[BKK]	11.03-	114453	14	180					
	[CFLA]	11.03-	114453	14	180					
		11.03-	114453	14	180					
Transporter 3.2 V6 T5 4 Motion	[BKK]	11.03-	114453	14	180					
	[CFLA]	11.03-	114453	14	180					
<b>Wartburg</b>										
<b>PASSENGER CARS EU</b>										
Wartburg 1.3	[4V07,2/7,5GRF]									
<b>Weichai</b>										
<b>MARINE</b>										
WD615								114327	24	5.5
<b>MOTORS</b>										
WD615								114327	24	5.5
<b>Western Star</b>										
<b>TRUCKS US</b>										
Various Models								Mercedes MBE4000 01.02- 01.07	113917	12
<b>Xichai-Fawd</b>										
<b>F TRUCKS AO</b>										
Various Models			114349	28	150					
<b>Yale</b>										
<b>FORK LIFTS</b>										
Various Models	[DBFE]		111495	14	40			111005	12	0.8
	[DBHA]		111495	14	40			111273	12	2.7
	[JEE]		111495	14	40					
	[JHA]		111495	14	40			111273	12	2.7
	[XA]		111495	14	40			111273	12	2.7
								113985	12	2.7
								110182	12	0.9
								113172	12	2.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

<b>Yamaha</b>						
<b>MOTORBIKES</b>						
Various Models					111928	12
					111917	12
					113545	12 0.4
					113546	12
					113547	12
XV1000 1.0				01.84- 01.97	113541	12
XV1100 1.0				01.84- 01.97	113541	12
XV700 0.7				01.84- 01.97	113541	12
				01.84- 01.85	113540	12
XV750 0.7				01.84- 01.97	113541	12
				01.81- 01.83	113540	12
XV920 0.9				01.81- 01.83	113540	12
YFM100 1.0				01.85- 01.92	111928	12
YFM50 0.5 Raptor 50				01.04- 01.06	111928	12
YFM80 0.8 Badger				01.86- 01.01	111928	12
YFM80 0.8 Grizzly 80				01.05- 01.07	111928	12
YFM80 0.8 Raptor 80				01.02- 01.06	111928	12
<b>MARINE</b>						
115				01.84- 01.95	111766	12 1.1
130				01.88- 01.96	111766	12 1.1
150				01.85- 01.96	111766	12 1.1
175				01.85- 01.96	111766	12 1.1
200				01.84- 01.96	111766	12 1.1
C 115				01.91- 01.96	111766	12 1.1
C 150				01.96- 01.96	111766	12 1.1
ESX1200				01.89- 01.99	112011	12 0.6
EXT1100				01.96- 01.98	112011	12 0.6
EXT1200				01.98- 01.99	112011	12 0.6
F 50				01.96- 01.02	111766	12 1.1
F40				01.99- 01.99	111766	12 1.1
FX700 0.7				01.94- 01.95	111917	12
GP1200 1.2				01.97- 01.02	112011	12 0.6
GP1300 1.3				01.03- 01.05	112011	12 0.6
GP800 0.8				01.98- 01.05	112011	12 0.6
L 130				01.89- 01.96	111766	12 1.1
L 150				01.86- 01.96	111766	12 1.1
L 200				01.86- 01.96	111766	12 1.1
LST1200				01.99- 01.05	112011	12 0.6
P 115				01.93- 01.96	111766	12 1.1
P 150				01.91- 01.96	111766	12 1.1
P 175				01.94- 01.96	111766	12 1.1
RA1100 1.1				01.95- 01.96	112011	12 0.6
RA700 0.7				01.94- 01.97	111917	12
S 115				01.96- 01.96	111766	12 1.1
S 130				01.96- 01.96	111766	12 1.1
S 150				01.96- 01.96	111766	12 1.1
S 175				01.96- 01.96	111766	12 1.1
S 200				01.96- 01.96	111766	12 1.1
SJ650 0.65				01.90- 01.93	111917	12
SJ700 0.7				01.94- 01.05	111917	12
SUV1200 1.2				01.99- 01.04	112011	12 0.6
T 50				01.96- 01.02	111766	12 1.1
WB700 0.7				01.93- 01.96	111917	12
WRA650 0.65				01.90- 01.96	111917	12
WRA700 0.7				01.94- 01.97	111917	12
WVT1100 1.1				01.96- 01.97	112011	12 0.6
WVT700 0.7				01.95- 01.98	111917	12
XL1200 1.2				01.98- 01.00	112011	12 0.6
XL700 0.7				01.99- 01.04	111917	12
XL800 0.8				01.00- 01.01	112011	12 0.6
XL1200 1.2				01.01- 01.05	112011	12 0.6
XLT800 0.8				01.02- 01.04	112011	12 0.6
XRT1200				01.00- 01.01	112011	12 0.6
<b>MOTORS</b>						
402	[TK 4.82]	111672				
<b>Yanmar</b>						
<b>AGRICULTURE</b>						
YM1300	[2T73]			01.77-	113680	12 0.9
	[2TR13]				112674	12 1.3
YM1500	[2TR13]				112674	12 1.3
<b>FORK LIFTS</b>						
4DE94E	[4TNE94]	114209	14	60		
<b>MARINE</b>						
1GM				01.80-	111706	12 1.0
2GM		113793	14	55	111706	12 1.0
2T80L	[2T80L]				113924	12 1.4
3GM		113793	14	55	111706	12 1.0
3JH					113408	12 1.4
3T84C	[3T84C]				113924	12 1.4
3TN66				01.95- 01.98	112580	12 1.7
				10.95- 01.98	112373	12 0.9
3TN68				01.95- 01.98	112580	12 1.7
				10.95- 01.98	112373	12 0.9
4JH		113793	14	55	110485	12 1.4
					113408	12 1.4
					113924	12 1.4
4LH		112375	14	80	112374	12 2.5
		113793	14	55		
6LP		01.97-	113715	14	80	113207 12 2.8
Various Models	[2QM15]				112674	12 1.3
	[2T73]				112674	12 1.3
	[2TM15]				112674	12 1.3
	[QM15]				112674	12 1.3
		112112	14	70	112296	12 1.0
				01.97-	113207	12 2.8
				01.85- 01.96	111766	12 1.1
					112478	12 0.8
					112674	12 1.3
<b>INDUSTRY</b>						
4TNE106 Diesel	[4TNE106]				114098	12 3.0
<b>MOTORS</b>						
353	[TK 3.53]	111672				
486	[TK 4.86]	113716	14	90		
GA220 - GA340					112478	12 0.8
Various Models	[2OM20]	112112	14	70		
	[3T-7A-7]	113309	14	90		
	[3TNV82]			01.84-	111087	12 1.0
	[4TNE84]	113742	14	40	01.05-	114281 12 1.7
				01.98-	112676	12 2.2
					113690	12 1.0
					112478	12 0.8
Various Models	[2V78]				113976	12 1.4
	[3T72]				110417	12 1.3
	[3TG66]	112671	14	60		



				112672				113661	12	0.8	
				113401	14	40					
	[3TG72]			112671	14	60		113661	12	0.8	
				113401	14	40					
	[3TNA72]							110417	12	1.3	
								113680	12	0.9	
	[3TNA75]							110417	12	1.3	
	[3TNE88]							112675	12	1.2	
	[4TNE88]							112675	12	1.2	
	[4TNE94]			114209	14	60					
	[4TNE98]						01.96-	112672	12	3.0	
				112669	14	80		112371	12	2.2	
							01.00-	113717	12	0.9	
								113475#	12	0.6	
<b>Zastava</b>											
<b>PASSENGER CARS EU</b>											
101 1.1	[128A.000]	06.73-	01.90	111180	14	33	06.73-	01.90	110338	12	0.8
101 1.1 1100	[128A.064]	05.75-	12.93	111180	14	33	05.75-	12.93	110338	12	0.8
101 1.1 Super	[128AC5000]	07.79-	09.81	111180	14	33	07.79-	09.81	110338	12	0.8
101 1.3 1100	[128AR000]	01.79-	12.93	110612	14	43	10.81-	12.93	110338	12	0.8
		01.79-	12.93	111180	14	33					
		07.89-	12.93	111035	14	65					
		07.89-	12.93	111148	14	65					
Yugo 0.9	[9A]	01.85-	06.92	111078	14	45					
Yugo 1.1 60 EFI	[100GL 0.64]	08.91-	12.93	110612	14	43					
		08.91-	12.93	111035	14	65					
	[11E1.064]	08.91-	12.93	110612	14	43					
		08.91-	12.93	111035	14	65					
Yugo 1.1 Florida	[138B.0000]	08.89-	12.93	110612	14	43					
		08.89-	12.93	111035	14	65					
Yugo 1.3	[13E.3.064]	03.91-	12.93	111035	14	65	03.91-	12.93	110338	12	0.8
	[13E.3.064]	03.91-	12.93	111148	14	65					
Yugo 1.3 65 EFI	[13E1.064]	08.91-	12.93	111035	14	65					
		08.91-	12.93	111148	14	65					
Yugo 1.4 Florida	[160A1.000]	10.88-	06.95	111035	14	65					
		10.88-	06.95	111148	14	65					
Yugo 1.6 Florida	[149A.000]	08.89-	12.93	111035	14	65					
		08.89-	12.93	111148	14	65					
<b>Zetor</b>											
<b>AGRICULTURE</b>											
3320		01.92-		110621	14	55					
3321		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
				112035	14	70	01.97-		110545	12	3.0
3340		01.92-		110621	14	55	01.92-		110545	12	3.0
							01.92-		114254	12	2.7 GR
3341				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
4320		01.92-		110621	14	55	01.92-		110545	12	3.0
							01.92-		114254	12	2.7 GR
4321				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
4340		01.92-		110621	14	55	01.92-		110545	12	3.0
							01.92-		114254	12	2.7 GR
4341				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
4712											
4718							01.74-	01.81	110545	12	3.0
		01.74-	01.81	112098	14	65	01.74-	01.81	114254	12	2.7 GR
4911											
5011							01.80-	01.84	110545	12	3.0
		01.81-	01.85	112098	14	65	01.81-	01.85	114254	12	2.7 GR
5211		01.91-		110621	14	55					
5245		01.91-		110621	14	55					
5320		01.92-		110621	14	55	01.92-		110545	12	3.0
							01.92-		114254	12	2.7 GR
5321				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
5340		01.92-		110621	14	55	01.92-		110545	12	3.0
							01.92-		114254	12	2.7 GR
5341				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
5711		01.97-		110875	14	65					
5718		01.97-		110875	14	65					
5911		01.97-		110875	14	65					
5945		01.97-		110875	14	65					
6011		01.97-		110875	14	65					
6045		01.97-		110875	14	65					
6211		01.91-		110621	14	55					
6245		01.91-		110621	14	55					
6320		01.92-		110621	14	55	01.92-		114254	12	2.7 GR
							01.92-		110545	12	3.0
6321				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
6340		01.92-		110621	14	55	01.92-		110545	12	3.0
							01.92-		114254	12	2.7 GR
6341				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
6711		01.97-		110875	14	65					
6718		01.97-		110875	14	65					
6745		01.97-		110875	14	65					
6748		01.97-		110875	14	65					
6911		01.97-		110875	14	65					
6945		01.97-		110875	14	65					
7011		01.97-		110875	14	65					
7045		01.97-		110875	14	65					
7211		01.91-		110621	14	55					
7245 3.6		01.91-		110621	14	55	01.84-	01.91	110545	12	3.0
							01.84-	01.03	114254	12	2.7 GR
7320				112035	14	70	01.92-		110545	12	3.0
		01.92-		110621	14	55	01.92-		114254	12	2.7 GR
7321				112035	14	70	01.92-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
7340		01.92-		110621	14	55	01.92-		110545	12	3.0
		01.92-		112035	14	70	01.92-		114254	12	2.7 GR
7341				112035	14	70	01.97-		110545	12	3.0
		01.97-		110621	14	55	01.97-		114254	12	2.7 GR
7520		01.91-		112035	14	70					
		01.91-	01.98	110621	14	55					
7540		01.91-		112035	14	70					
		01.91-	01.98	110621	14	55					
7711		01.91-		110621	14	55					
7745 3.9		01.91-		110621	14	55	01.88-	01.03	110545	12	3.0
							01.86-	01.90	114254	12	2.7 GR
8011		01.97-		110875	14	65					
8045		01.97-		110875	14	65					
8111							01.75-	01.80	110551	12	3.0
8145							01.75-	01.80	110551	12	3.0
8245							01.75-	01.80	110551	12	3.0

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

ZETOR Continued

8520		112035	14	70				
	01.97-	110621	14	55				
8540		112035	14	70				
	01.97-	110621	14	55				
9211 4.2					01.75- 01.80	110551	12	3.0
9245 4.2					01.75- 01.80	110551	12	3.0
9520		112035	14	70				
	01.91- 01.00	110621	14	55				
9540		112035	14	70				
	01.91- 01.00	110621	14	55				
10011	01.97-	110875	14	65	06.75- 01.80	110551	12	3.0
10045	01.97-	110875	14	65	06.75- 01.80	110551	12	3.0
10111					06.73- 01.80	110551	12	3.0
10145 4.6					01.75- 01.80	110551	12	3.0
10211					06.75- 01.80	110551	12	3.0
10245					01.75- 01.80	110551	12	3.0
10540		112035	14	70				
	01.95-	110621	14	55				
12011	01.97-	110875	14	65				
12045	01.97-	110875	14	65				
16045	01.97-	110875	14	65				
Various Models		110621	14	55				

ZIL

TRUCKS EU

5301 4.7	[D245.12]				06.96-	113356	24	3.5
----------	-----------	--	--	--	--------	--------	----	-----

ZIS Tees

INDUSTRY

Various Models		110621	14	55		110550	24	4.0
----------------	--	--------	----	----	--	--------	----	-----



# Cross Reference list

OE No. - HC-CARGO No.

Edition 2013/2014



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AGRI</b>		5396	112826	29-1821	112971	29-2180	112893
36795	112565	5398	113590	29-1827	113495	29-2188	112875
51750	111649	30460	111699	29-1832	113413	29-2189	113035
130652	110536	30470	113679	29-1838	110682	29-2194	111787
		60065	111710	29-1839	111199	29-2196	113159
				29-1841	112920	29-2197	113068
<b>ALFA ROMEO</b>		<b>ARROW</b>		29-1842	112926	29-2198	113235
7782314	113942	14660	112968	29-1843	112922	29-2200	113161
46305329	113942	25-3458	113216	29-1848	112882	29-2205	112893
46430533	113939	29-1034	112848	29-1849	112885	29-2210	112941
46445658	113942	29-1082	111261	29-1852	112839	29-2214	113165
46473784	113430	29-1105	112260	29-1853	112917	30-1079	110133
46532669	113263	29-1185	112260	29-1864	112915	30-1107	113048
46544329	113943	29-1187	110300	29-1867	112993	30-1111	110138
46765836	113942	29-1197	112915	29-1870	113432	30-1150	113048
46765838	113943	29-1229	110235	29-1880	113162	30-1165	113028
46769369	113942	29-1235	110235	29-1881	111285	30-1185	111139
46791692	111685	29-1236	110235	29-1885	112916	30-1207	110675
46823543	113931	29-1242	110235	29-1886	112927	30-1209	113077
55192482	113931	29-1243	110235	29-1891	112975	30-1226	112973
60562974	112817	29-1244	110235	29-1898	110496	30-1232	112968
60583572	112450	29-1245	112915	29-1910	113236	30-1234	112970
60588395	112532	29-1264	112836	29-1911	112843	30-1237	112967
60604238	113848	29-1265	112837	29-1916	112840	30-1263	113032
60613073	112532	29-1269	112835	29-1931	112928	30-1294	110675
60652354	113848	29-1275	112880	29-1934	112923	30-1297	110675
60654127	113848	29-1278	112988	29-1936	112886	30-1302	112973
60672342	113836	29-1280	112988	29-1937	112936	30-1307	111578
60673305	113836	29-1299	112837	29-1938	111200	30-1371	112835
60808773	112125	29-1302	111252	29-1940	112932	30-1376	112837
60808791	112771	29-1306	112878	29-1941	112860	30-1381	110684
60811651	112771	29-1307	112877	29-1946	112925	30-1385	113412
60812535	113942	29-1316	112855	29-1947	112884	30-1397	113032
60812583	111409	29-1345	111713	29-1960	113083	34-1875	112963
60812713	111625	29-1352	112858	29-1966	113092	34-1912	112965
60813461	111685	29-1361	110801	29-1969	113078	34-1915	112963
60814706	112308	29-1362	110801	29-1974	112888	34-1921	112966
60814911	113430	29-1363	110801	29-1982	113066	35-1651	112267
60816045	113943	29-1369	110591	29-1984	112978	35-1885	112911
60816046	113942	29-1398	110724	29-1986	112973	35-1886	112910
60816047	111625	29-1514	110133	29-1987	113089	35-1892	112909
60816083	113430	29-1517	113048	29-1988	113369	35-1923	110221
60816557	113943	29-1520	110138	29-1991	113033	35-1926	111190
73501591	113996	29-1530	110168	29-1996	112942	35-1928	112267
73503235	114204	29-1547	113048	29-1997	111468	35-1929	112267
116760506000	110890	29-1577	111139	29-1998	113463	35-1951	113123
116760506100	110890	29-1595	110675	29-2001	112883	35-1953	113125
AT050600108	110882	29-1596	113077	29-2007	112939	35-1954	113123
		29-1611	112973	29-2008	112934	35-1957	112255
<b>ALLIS</b>		29-1617	112968	29-2034	112977	35-1968	113153
02453306	114531	29-1619	112970	29-2035	113076	35-2022	112584
02558641	114531	29-1622	112967	29-2037	113091	35-2052	110462
4841605	111190	29-1639	113084	29-2048	112877	35-2064	110462
90048463	114531	29-1641	110675	29-2049	112877	35-2085	110421
90048679	114531	29-1647	113032	29-2076	112859	35-2113	110411
		29-1650	113053	29-2079	113166	35-2121	110315
<b>AMC</b>		29-1653	113087	29-2082	112892	35-2144	113095
3212235	110509	29-1665	110628	29-2083	113069	35-2151	111451
3227687	110237	29-1666	110496	29-2087	113160	35-2160	113036
3229844	110509	29-1673	110675	29-2088	111958	35-2181	111442
3231371	110231	29-1676	110675	29-2094	113426	35-2183	113399
3231372	110231	29-1680	112973	29-2099	113080	35-2188	112983
8126436	110237	29-1681	110682	29-2103	113034	35-2197	113097
		29-1684	111285	29-2104	113081	35-2262	110411
<b>ARCO MARINE</b>		29-1685	111432	29-2111	113061	35-2264	113099
5361	113525	29-1699	113051	29-2116	113090	35-2273	111451
5362	113591	29-1730	110684	29-2118	112979	35-2302	111490
5367	112247	29-1734	113412	29-2120	113507	35-2303	111425
5370	110240	29-1747	113073	29-2129	113502	35-2304	111456
5371	110647	29-1751	112969	29-2131	113227	35-2306	110811
5372	110644	29-1761	111578	29-2134	113075	35-2314	111683
5375	110648	29-1769	113058	29-2143	113374	35-2323	111764
5376	111043	29-1784	112833	29-2158	113197	35-2326	110810
5379	110654	29-1792	113085	29-2166	112943	35-2329	113135
5380	110650	29-1794	113030	29-2167	112944	35-2331	110811
5386	112154	29-1801	113077	29-2169	112946	35-2343	113022
5387	112145	29-1805	113093	29-2171	112924	35-2351	111683
5389	110647	29-1815	113074	29-2172	112940	35-2370	113103
5392	110648	29-1817	113088	29-2177	113005	35-2372	110810

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
35-2378	112214	35-2642	111307	SHI0116	113733	IM16	110207
35-2379	112214	35-2645	112906	SMT0102	113668	IM16/1	110601
35-2380	113024	35-2646	112900	SMT0133	113816	IM17/1	110512
35-2388	111241	35-2647	112907	SMT0253	113795	IM18	110511
35-2389	113096	35-2648	113240	SMT0262	113819	IM21-5/24	110601
35-2404	113043	35-2649	113396	SMT0281	113775	IM310	110206
35-2407	113102	35-2650	113226	SMT0287	113818	IM312	110212
35-2412	113131	35-2651	113398	SMT0294	113820	IM316	110213
35-2416	113168	35-2652	111784	SMU0311	113821	IM320	110512
35-2422	111485	35-2657	113025	SND0076	113725	IM321	110601
35-2424	111456	35-2658	112898	SND0132	113734	IM322	110932
35-2428	111242	36-1014	110462	SND0133	113892	IM323	110533
35-2430	111473	36-1082	110421	SND0234	113736	IM324	110534
35-2430	111608	36-1154	113095	SND0324	113893	IM325	110208
35-2432	113041	36-1180	111451	SND0347	113810	IM326	110207
35-2433	113121	36-1194	111442	SND0455	113732	IM327	110209
35-2438	111305	36-1200	112983	SND0459	113828	IM328	110535
35-2441	113104	36-1209	113097	SND0488	113730	IM330	110214
35-2443	112912	36-1225	110411	SND0491	113809	IM332	110932
35-2444	113222	36-1227	113099	SND0566	113550	IM335	111219
35-2445	112911	36-1228	111451	SND0587	114182	IM34	110537
35-2447	111370	36-1237	111451	SPR0010	113727	IM34/1	110537
35-2448	112030	36-1238	110811	SPR0011	113735	IM34/3	110537
35-2449	111844	36-1240	110810			IM34/4	110409
35-2452	113217	36-1266	111490	<b>AUDI → VOLKSWAGEN</b>		IM340	110531
35-2453	113225	36-1267	111425	<b>AVF ( DELCO - H/MOGURT )</b>		IM341	110531
35-2454	113223	36-1268	111456	808002	110206	IM35	111217
35-2455	113224	36-1271	110811	001/004	110210	IM35/1	111217
35-2459	113220	36-1291	111764	001/109	110210	IM350	110208
35-2472	113218	36-1295	110810	001/504	110210	IM360	110210
35-2474	112847	36-1303	110811	001/506	110210	IM361	110212
35-2476	112592	36-1326	111683	001/507	110210	IM362	110213
35-2478	113221	36-1346	113103	001/508	110210	IM37	110594
35-2480	112898	36-2261	111451	001/509	110210	IM371	110211
35-2481	112897	36-5073	110221	001/605	110210	IM380	110205
35-2482	112582	39-1301	112841	001/609	110210	IM381	110532
35-2483	113026	ABO0125	113798	001/702	110210	IM382	110532
35-2485	113508	ABO0194	113799	001/706	110210	IM4/1	110512
35-2492	113106	ABO0219	113808	001/803	110210	IM40	110550
35-2495	112844	ABO0226	113807	001/806	110210	IM40/1	110550
35-2498	112844	ADR0295	113767	001/809	110210	IM401	110537
35-2504	113122	ADR0333	113778	001/810	110210	IM403	111217
35-2509	113044	ADR0369	113774	001/811	110210	IM409	110538
35-2510	112845	ADR0372	113776	001/903	110210	IM412	110537
35-2518	113114	ADR290	113777	001/905	110210	IM414	110539
35-2526	113111	AFD0004	113765	001/911	110210	IM502	110206
35-2527	113113	AFD0106	113744	002/009	110206	IM503	110533
35-2530	113137	AFD0109	113779	002/010	110206	IM504	111003
35-2537	113138	AFD0110	113780	002/103	110206	IM505	110207
35-2541	112986	AHI0068	113793	002/105	110206	IM508	110208
35-2543	111683	AHI0082	113822	002/206	110206	IM509	110208
35-2545	111552	AMO0035	113766	002/306	110206	IM510	110210
35-2546	113024	AMO0038	113769	002/508	110206	IM511	110582
35-2551	113110	AMT0146	113782	002/509	110206	IM513	110601
35-2553	113112	AMT0197	113781	002/511	110206	IM517	111249
35-2558	113109	AND0237	113856	002/601	110206	IM521	110208
35-2559	113108	AND0249	113803	002/608	110206	IM522	110512
35-2560	113169	AND0405	113804	002/611	110206	IM523	110206
35-2561	113174	AVA0006	113800	002/702	110206	IM524	110512
35-2567	111374	AVA0034	113801	002/703	110208	IM526	112507
35-2568	113136	SAB0019	112157	002/704	110206	IM527	111249
35-2570	113234	SAB0145	113854	002/801	110206	IM528	111218
35-2571	113229	SAM0120	113593	002/802	110206	IM530	110534
35-2574	113105	SBO0155	113726	002/803	110206	IM536	110535
35-2584	112846	SBO0156	113815	002/806	110206	IM540	110531
35-2586	112301	SBS0001	110634	002/808	110206	IM543	110209
35-2589	112897	SBS0009	112242	002/809	110206	IM544	110932
35-2592	112904	SBS0028	113539	002/901	110206	IM547	110512
35-2595	113241	SBS0029	113853	002/902	110210	IM548	110212
35-2598	112235	SDR0019	112240	002/903	110206	IM553	111219
35-2600	112898	SDR0275	113826	002/904	110206	IM554	110512
35-2620	111970	SDR0281	113682	002/906	110206	IM561	110980
35-2621	113139	SDR0284	113550	002/907	110206	IM562	110981
35-2623	113045	SFD0047	113729	002/909	110206	IM601	110210
35-2624	113037	SFD0059	113813	002/911	110206	IM602	111046
35-2629	113119	SFD0086	113762	012/810	110537	IM605	110213
35-2630	113173	SFD0120	113814	IM1	110512	IM606	110532
35-2640	111183	SFD0145	113728	IM1/1	110512	IM607	110212
35-2641	111306	SHI0058	113817	IM131	110601	IM617	110531



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AVF ( DELCO - H/MOGURT ) Continued</b>							
IM623	..11219	12311710562	..112812	12317520495	..113871	12412246571	..113446
IM636	..110531	12311711203	..112740	12317521135	..113858	12412246574	..112533
IM637	..112120	12311714581	..110877	12317521137	..113858	12412247063	..113925
IM641	..110205	12311721667	..112764	12317521384	..113871	12412247391	..113446
IM642	..112119	12311721912	..113576	12317521385	..113871	12412247492	..113446
IM643	..110214	12311721915	..113576	12317521490	..113871	12412249295	..113925
IM645	..110212	12311721921	..113864	12317522962	..113871	12412306001	..111335
IM647	..110211	12311726372	..112811	12317523897	..114200	12412306700	..111335
IM653	..111231	12311726897	..112692	12317524972	..114189	12414496934	..113925
IM663	..111983	12311727576	..113864	12317525440	..114189	12417501668	..111911
IM664	..112117	12311730257	..112740	12317530086	..12193	12417501738	..111911
IM665	..112116	12311730580	..112687	12317532966	..113871	12417505979	..113292
IM801	..110210	12311730725	..112692	12317533270	..113871	12417515390	..111911
VG921/W	..110544	12311730753	..112692	12317540990	..114189	12417515391	..111911
		12311734322	..112683	12317540992	..114189	12417515392	..111911
		12311735120	..112804	12317541694	..113858	12417523450	..114297
<b>BELARUS</b>		12311735121	..112804	12317541696	..113858	12417524843	..114297
24173708000	..113431	12311735122	..112804	12317542934	..114189	12417526239	..114297
		12311735232	..112804	12317546284	..113858	12417785691	..113446
		12311735234	..112804	12317546285	..113858	12417785715	..113446
<b>BMW</b>		12311735395	..112699	12317551252	..12193	12417787354	..114127
1705483	..112426	12311735403	..112692	12317787346	..113407	12417787356	..114127
7515029	..114147	12311735703	..112812	12317788222	..113407	12417787925	..113446
7523450	..114297	12311735705	..112812	12317788223	..113407	12417791335	..114071
7523897	..114200	12311735743	..112687	12317788247	..112407	12417803514	..113933
7530086	..112193	12311735792	..112687	12317789980	..113881	12418620033	..110772
7551252	..112193	12311738068	..112804	12317789981	..113896	12418620903	..110772
7834160	..113896	12311738091	..112699	12317789983	..113881	12419056639	..110772
12311079452	..114258	12311738508	..112809	12317789984	..113896	12419069808	..113446
12311247287	..113831	12311738511	..112692	12317790879	..113970		
12311247288	..111946	12311738512	..112692	12317792072	..113896		
12311247310	..111946	12311738514	..112699	12317792092	..112468	<b>BOBCAT</b>	
12311247311	..113831	12311739362	..113576	12317797521	..113896	6632192	..110540
12311247311	..111147	12311739363	..113576	12317797522	..113896	6632211	..110540
12311266660	..110876	12311740629	..112193	12317797522	..113896	6633058	..112267
12311267401	..110876	12311741138	..111895	12317797660	..113881	6658884	..110540
12311267461	..110876	12311742910	..111895	12317799204	..113896	6661611	..110540
12311270901	..110876	12311744560	..112687	12317802929	..113896	6667587	..112489
12311271663	..111147	12311744561	..111776	12317834160	..113896	6669618	..114205
12311273131	..111147	12311744562	..112687	12411266463	..114118	6675292	..113600
12311276139	..110877	12311744564	..112687	12411266737	..111052	6676957	..113727
12311276269	..110876	12311747204	..112538	12411269696	..111052	6676958	..113735
12311277219	..110877	12311747205	..112094	12411271749	..111052	6678205	..113600
12311277223	..110877	12312240875	..110908	12411272150	..111052	6685190	..113727
12311277229	..110876	12312241262	..110908	12411279747	..111400	6687205	..113600
12311277239	..111147	12312244833	..112800	12411287788	..112533	7169477	..114388
12311277247	..110877	12312244883	..112800	12411288166	..112533		
12311277503	..110876	12312244884	..112800	12411289520	..112533		
12311277504	..110877	12312244884	..112800	12411350236	..110772	<b>BOMAG</b>	
12311277505	..111147	12312245576	..113868	12411351042	..110772	05710906	..111217
12311277581	..110876	12312245654	..113868	12411352502	..111052	05710990	..110536
12311284461	..111147	12312246070	..111947	12411352504	..111052	05710993	..111217
12311285006	..111147	12312246078	..111947	12411355693	..110772	05719897	..110536
12311285012	..110877	12312246572	..111947	12411466098	..111052	05741435	..114263
12311286612	..110877	12312246573	..111947	12411712937	..111911		
12311288408	..111147	12312247389	..112462	12411713898	..112172	<b>BOMBARDIER</b>	
12311288409	..111147	12312248296	..112468	12411714750	..114118	0586278DS00	..111043
12311289403	..111147	12312248297	..112468	12411715230	..111052	0586279DS00	..110647
12311289404	..111147	12312249966	..113407	12411715238	..114118	0586280DS00	..110647
12311362029	..110877	12314388187	..111895	12411717174	..111052	0586281DS00	..110240
12311362077	..110877	12317501593	..112193	12411720636	..112172	0586283DS00	..110644
12311362276	..110877	12317501595	..112193	12411720663	..112172	0586285DS00	..112154
12311362468	..110877	12317501597	..112193	12411720664	..112172	278-000-301	..111918
12311364402	..110877	12317501599	..112193	12411726504	..111400	278-000-311	..111765
12311364404	..110877	12317501690	..112193	12411726508	..111400	278-000-316	..111765
12311427287	..113831	12317501755	..112193	12411729981	..112553	278-000-484	..111915
12311432831	..111895	12317508052	..112426	12411735400	..114118	278-000-485	..111915
12311432986	..112193	12317508054	..112426	12411736921	..112553	278-000-576	..111918
12311432987	..112193	12317508258	..112426	12411740373	..111911	278-000-577	..111918
12311433265	..111895	12317508286	..112426	12411740374	..111911	278-000-987	..112010
12311435423	..112413	12317509100	..112413	12411740375	..111911	278-001-937	..112010
12311435424	..112413	12317509102	..112465	12411740379	..111911		
12311435425	..112413	12317509113	..112413	12412242231	..112533	<b>BOSCH</b>	
12311435426	..112413	12317509342	..114147	12412242619	..112533	0001106001	..111059
12311435429	..112413	12317512151	..113871	12412242702	..112533	0001106002	..111059
12311435938	..112465	12317515029	..114147	12412242703	..112533	0001106011	..111123
12311702096	..111895	12317515030	..114258	12412244344	..112533	0001106012	..113761
12311704081	..112094	12317516098	..113871	12412245328	..111908	0001106014	..114051
12311704082	..112538	12317516107	..113871	12412246388	..111908	0001106015	..111123
12311705483	..112426	12317519721	..113858	12412246570	..113446	0001106016	..113346
12311706056	..112740						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001106017	113761	0001107103	112307	0001108056	111490	0001108167	112818
0001106019	113286	0001107104	112307	0001108057	111030	0001108168	113178
0001106022	113761	0001107107	113706	0001108064	111400	0001108170	112819
0001107003	112131	0001107108	111848	0001108065	114118	0001108171	110847
0001107004	112131	0001107109	112445	0001108066	111425	0001108173	112080
0001107005	112306	0001107110	112445	0001108068	111425	0001108174	111769
0001107006	112306	0001107111	112445	0001108069	111425	0001108175	111769
0001107007	111059	0001107401	111123	0001108070	111456	0001108176	113443
0001107008	111059	0001107402	113276	0001108071	111269	0001108177	112459
0001107009	112817	0001107403	111347	0001108072	111010	0001108178	112459
0001107010	111821	0001107404	113276	0001108073	111010	0001108180	113481
0001107012	112321	0001107405	113276	0001108074	111029	0001108181	111300
0001107013	112321	0001107406	113513	0001108076	112131	0001108182	113481
0001107014	111750	0001107407	111906	0001108077	112131	0001108183	114460
0001107016	112141	0001107408	113276	0001108078	110847	0001108184	110847
0001107017	112321	0001107409	113276	0001108079	110847	0001108186	113481
0001107018	112321	0001107410	114162	0001108082	111269	0001108188	112459
0001107019	111130	0001107411	111685	0001108083	111030	0001108190	111911
0001107020	111748	0001107415	113613	0001108084	110842	0001108196	113292
0001107021	111748	0001107417	111906	0001108085	113443	0001108197	113282
0001107022	111749	0001107418	114162	0001108086	111129	0001108202	113931
0001107023	111749	0001107425	114297	0001108087	111750	0001108204	114321
0001107024	112171	0001107426	114297	0001108088	111489	0001108220	111769
0001107025	112307	0001107427	114179	0001108091	111270	0001108221	111769
0001107026	112307	0001107428	114179	0001108093	111127	0001108222	114178
0001107027	111750	0001107429	113843	0001108096	112306	0001108223	114178
0001107028	111750	0001107430	114052	0001108097	112306	0001108224	113931
0001107030	111984	0001107431	113613	0001108099	110351	0001108230	111911
0001107031	111396	0001107432	113613	0001108100	110840	0001108231	111911
0001107032	112816	0001107433	113271	0001108101	111010	0001108234	113931
0001107033	111015	0001107434	113271	0001108102	111010	0001108235	113931
0001107034	111848	0001107435	113276	0001108103	111425	0001108239	113931
0001107037	111347	0001107436	113276	0001108104	111425	0001108240	113931
0001107038	111821	0001107437	113843	0001108105	111456	0001108400	114460
0001107041	111030	0001107438	113963	0001108106	111750	0001108401	111911
0001107043	111906	0001107439	113963	0001108107	112818	0001108402	114315
0001107045	111848	0001107442	111911	0001108108	111911	0001108403	113282
0001107046	113177	0001107443	111911	0001108109	110842	0001108404	113282
0001107047	111251	0001107490	111685	0001108110	111030	0001108409	113282
0001107048	111347	0001107491	111685	0001108111	111269	0001108410	113282
0001107049	111396	0001107499	111906	0001108112	111029	0001108442	111911
0001107052	111748	0001107500	111906	0001108113	112309	0001109008	114106
0001107053	111748	0001107501	114162	0001108114	112309	0001109009	112172
0001107054	112321	0001107502	114162	0001108115	114118	0001109012	113268
0001107055	112321	0001108001	111010	0001108117	110840	0001109014	111851
0001107056	111848	0001108002	111010	0001108118	110842	0001109015	113674
0001107058	112497	0001108003	111347	0001108119	110842	0001109017	112496
0001107059	111680	0001108004	111131	0001108122	112340	0001109018	113752
0001107060	113480	0001108009	111010	0001108123	111492	0001109021	111995
0001107062	111015	0001108010	111010	0001108124	111347	0001109022	111995
0001107063	111130	0001108012	111270	0001108125	111029	0001109024	112533
0001107066	111685	0001108016	111010	0001108126	112308	0001109025	113446
0001107067	113605	0001108017	111010	0001108129	111015	0001109026	111070
0001107068	112321	0001108018	111400	0001108130	113443	0001109029	112034
0001107069	112321	0001108019	111981	0001108132	111030	0001109030	113430
0001107072	111347	0001108020	111030	0001108133	110842	0001109031	114053
0001107073	112321	0001108022	113481	0001108134	111425	0001109033	111724
0001107074	112321	0001108025	112455	0001108135	111456	0001109034	112006
0001107075	111984	0001108026	111010	0001108136	112308	0001109035	112534
0001107076	113299	0001108027	111010	0001108137	111865	0001109036	111851
0001107077	112431	0001108028	111010	0001108138	111129	0001109040	111865
0001107078	110552	0001108029	111010	0001108139	111750	0001109043	114106
0001107079	113649	0001108030	111489	0001108140	111750	0001109045	113430
0001107080	113281	0001108031	111490	0001108141	110840	0001109048	114321
0001107082	111680	0001108032	111425	0001108143	113481	0001109052	113674
0001107083	114052	0001108033	111750	0001108146	112455	0001109055	113674
0001107085	111015	0001108035	110842	0001108148	112819	0001109062	113674
0001107087	111906	0001108037	111030	0001108149	111347	0001109064	114177
0001107088	113271	0001108038	111270	0001108150	112459	0001109065	114177
0001107090	114105	0001108039	111030	0001108151	110847	0001109066	111995
0001107091	112445	0001108040	111269	0001108152	111269	0001109067	111995
0001107092	113644	0001108045	111425	0001108153	112818	0001109068	113674
0001107094	113288	0001108046	111425	0001108154	111490	0001109200	113446
0001107095	113288	0001108047	110847	0001108155	111030	0001109201	113446
0001107096	111347	0001108048	112308	0001108157	111911	0001109205	113959
0001107097	112445	0001108050	112497	0001108158	111269	0001109250	112440
0001107098	112431	0001108051	113481	0001108159	112308	0001109253	113303
0001107100	111848	0001108052	111490	0001108162	111029	0001109258	113430
0001107101	111848	0001108053	111127	0001108166	112818		114094

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0001109259	114094	0001110089	112295	0001113008	113483	0001123029	114299
0001109264	113303	0001110090	111865	0001113009	111131	0001123036	113509
0001109267	114020	0001110091	111851	0001113010	111906	0001123037	113509
0001109268	113430	0001110092	113752	0001113013	113750	0001123038	113841
0001109269	113430	0001110095	112295	0001113014	113750	0001123039	113841
0001109270	113430	0001110098	112286	0001113017	111906	0001124001	111900
0001109300	113935	0001110099	112286	0001114005	111059	0001124002	111900
0001109301	113935	0001110100	111817	0001114006	111059	0001124003	112286
0001109302	114054	0001110101	111817	0001114008	111030	0001124004	112286
0001109303	114054	0001110102	113752	0001114009	111751	0001124005	113387
0001109304	113959	0001110104	110867	0001114010	111751	0001124006	113387
0001109305	113959	0001110105	110867	0001114012	111059	0001124007	111904
0001109306	112441	0001110106	111694	0001114014	111131	0001124008	111904
0001109307	112441	0001110107	111694	0001114017	111030	0001124011	111904
0001109310	113303	0001110108	111694	0001114020	111131	0001124012	111904
0001109311	113303	0001110110	111908	0001114021	111030	0001124013	112236
0001109313	114054	0001110112	111851	0001115001	112295	0001124014	112236
0001109324	113959	0001110114	112295	0001115002	112013	0001124015	114316
0001109325	113959	0001110115	110839	0001115007	113749	0001124022	111904
0001109328	113959	0001110118	112166	0001115021	113430	0001124023	111904
0001109329	113959	0001110119	112166	0001115025	113430	0001124024	111904
0001109330	113900	0001110120	111865	0001115035	112172	0001124025	111904
0001109331	113900	0001110122	111694	0001115042	112034	0001124026	111904
0001109334	114054	0001110123	111694	0001115047	114093	0001124027	111904
0001109335	114054	0001110124	113752	0001115048	114093	0001125001	113387
0001109357	114055	0001110125	111619	0001115074	114093	0001125002	113387
0001109364	112053	0001110126	111694	0001115075	114093	0001125003	111904
0001109370	111855	0001110127	111694	0001116001	111641	0001125005	112286
0001109371	112441	0001110128	111694	0001116003	111994	0001125006	112286
0001109387	113959	0001110129	111694	0001116005	111422	0001125007	111900
0001109388	113959	0001110132	112006	0001116006	113267	0001125008	111900
0001110001	111060	0001110133	111060	0001116008	114199	0001125011	113387
0001110002	111060	0001110134	111060	0001117008	111060	0001125012	111900
0001110003	112295	0001110136	111694	0001120400	113515	0001125013	111900
0001110005	110836	0001110137	111694	0001120401	113515	0001125014	112286
0001110009	111069	0001110138	111694	0001120402	111909	0001125015	111060
0001110010	111069	0001110139	111694	0001120403	111909	0001125016	112444
0001110011	113745	0001111164	111129	0001120406	114034	0001125017	112444
0001110012	110839	0001112003	111059	0001120407	114034	0001125018	112429
0001110013	110867	0001112004	111059	0001120408	114176	0001125019	112429
0001110014	111060	0001112005	112321	0001120409	114176	0001125021	112438
0001110015	111060	0001112006	112321	0001120410	114175	0001125022	112438
0001110016	111851	0001112007	110584	0001120411	114175	0001125031	113387
0001110017	111070	0001112008	111055	0001121001	111823	0001125032	113387
0001110019	110867	0001112009	111030	0001121002	111823	0001125035	112286
0001110022	111694	0001112010	111751	0001121006	111909	0001125036	112286
0001110024	111456	0001112011	111751	0001121007	111909	0001125042	111900
0001110025	111619	0001112012	111131	0001121008	112005	0001125043	111900
0001110026	112295	0001112013	112321	0001121009	112005	0001125046	112444
0001110028	112172	0001112014	112321	0001121010	113677	0001125047	112444
0001110033	112034	0001112015	111123	0001121011	113677	0001125048	112429
0001110041	112172	0001112016	111131	0001121016	112435	0001125049	112429
0001110042	112172	0001112017	113644	0001121017	112435	0001125051	112438
0001110043	110867	0001112018	110279	0001121022	114174	0001125052	112438
0001110048	111107	0001112019	110584	0001121023	114174	0001125055	114317
0001110049	111107	0001112021	113483	0001121026	112005	0001125056	114317
0001110051	110851	0001112022	113483	0001121027	112005	0001125501	112221
0001110054	113179	0001112024	112289	0001121028	111909	0001125502	112221
0001110055	110839	0001112025	113753	0001121029	111909	0001125503	112014
0001110056	111070	0001112027	113750	0001121030	111823	0001125504	112014
0001110061	112167	0001112028	113750	0001121031	111823	0001125507	112430
0001110062	112167	0001112029	110584	0001121034	111823	0001125508	112430
0001110063	112013	0001112030	111900	0001121035	111823	0001125511	112221
0001110064	110867	0001112031	111900	0001121402	113773	0001125512	112221
0001110065	110851	0001112032	110394	0001121403	113773	0001125513	112014
0001110066	111694	0001112033	111131	0001121408	114163	0001125514	112014
0001110067	111694	0001112035	111123	0001121409	114163	0001125517	112430
0001110069	112166	0001112037	111131	0001121410	114175	0001125518	112430
0001110070	112166	0001112038	111748	0001121411	114175	0001125605	113678
0001110072	112553	0001112039	111748	0001123001	114316	0001125606	113678
0001110075	111851	0001112041	110584	0001123012	113842	0001131112	110847
0001110076	112286	0001112044	113750	0001123013	113842	0001155009	110364
0001110077	112286	0001112045	113750	0001123014	113841	0001155010	110364
0001110082	111619	0001113001	111058	0001123015	113841	0001155016	110364
0001110084	112133	0001113002	111058	0001123016	113509	0001155017	110364
0001110085	112133	0001113003	111131	0001123017	113509	0001157001	110364
0001110086	112166	0001113005	111131	0001123020	114173	0001157002	110364
0001110087	112166	0001113006	111422	0001123021	114173	0001157003	110364
0001110088	110867	0001113007	113483	0001123028	114299	0001157004	110364

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001157009	110364	0001208521	110336	0001218005	111120	0001218774	111996
0001157010	110364	0001208524	112536	0001218006	111065	0001218776	114055
0001157012	110364	0001208526	110585	0001218008	111423	0001218814	112439
0001157013	110364	0001208528	110585	0001218009	112533	0001218818	114318
0001157021	110826	0001208706	110336	0001218011	110844	0001218822	114304
0001157024	111055	0001208707	110587	0001218012	112537	0001219009	114319
0001157025	110364	0001208709	110865	0001218013	112537	0001219014	114313
0001157028	111055	0001208710	110865	0001218015	111109	0001223001	112053
0001157029	110364	0001208711	110865	0001218016	113389	0001223002	111855
0001157030	111055	0001208712	110865	0001218017	111120	0001223003	112441
0001160002	110637	0001208713	110865	0001218018	112537	0001223005	112440
0001208009	110997	0001208714	110865	0001218019	113134	0001223007	112441
0001208019	110771	0001208715	110336	0001218020	111115	0001223013	112436
0001208020	110771	0001208717	110585	0001218021	111065	0001223016	113181
0001208026	110997	0001208718	110336	0001218023	112454	0001223021	113181
0001208027	110771	0001211006	110771	0001218024	113846	0001223024	112441
0001208028	110771	0001211007	110771	0001218026	112533	0001223502	113478
0001208030	110771	0001211010	110771	0001218029	113444	0001223504	110813
0001208031	110771	0001211011	110771	0001218068	113674	0001230001	114395
0001208033	110997	0001211012	110363	0001218100	111125	0001230002	112442
0001208038	110341	0001211013	110363	0001218101	113134	0001230003	113478
0001208039	110341	0001211014	110363	0001218103	113846	0001230005	113478
0001208040	110771	0001211018	110771	0001218105	112290	0001230006	112071
0001208041	110771	0001211019	110771	0001218108	111065	0001230007	113182
0001208050	110771	0001211024	111104	0001218109	113444	0001230008	114195
0001208053	110341	0001211025	111104	0001218110	113389	0001230009	110522
0001208054	110341	0001211049	110336	0001218111	111120	0001230010	113182
0001208055	110771	0001211055	110771	0001218112	111120	0001230012	111001
0001208056	110997	0001211206	110336	0001218113	112537	0001230013	114320
0001208058	110997	0001211207	111104	0001218114	112537	0001230014	112071
0001208060	110997	0001211208	111104	0001218115	112537	0001230014	112555
0001208061	110997	0001211221	110858	0001218116	112052	0001230018	114195
0001208172	110337	0001211222	110858	0001218117	112052	0001230020	114021
0001208200	110997	0001211227	111053	0001218120	112125	0001230021	114002
0001208201	110997	0001211228	110336	0001218122	110844	0001230022	114050
0001208202	110341	0001211229	110771	0001218125	112454	0001230023	113182
0001208203	110774	0001211232	111053	0001218128	112290	0001230027	114395
0001208205	110774	0001211237	110831	0001218130	111120	0001231003	113979
0001208206	110771	0001211239	110831	0001218131	111423	0001231004	114033
0001208208	110997	0001211241	110624	0001218133	112125	0001231005	112494
0001208211	110793	0001211242	110825	0001218134	112533	0001231006	113980
0001208214	110774	0001211246	112289	0001218141	111421	0001231007	113468
0001208216	110997	0001211251	111061	0001218145	112125	0001231008	113759
0001208217	110997	0001211252	111061	0001218146	112125	0001231009	113466
0001208218	110352	0001211253	111061	0001218147	112125	0001231010	113183
0001208219	110336	0001211254	111061	0001218150	112440	0001231011	113277
0001208220	110831	0001211257	111059	0001218152	112439	0001231012	111637
0001208223	110337	0001211258	111059	0001218153	111905	0001231013	112055
0001208224	111056	0001211504	110865	0001218156	112440	0001231016	112498
0001208225	110847	0001211505	110865	0001218157	112053	0001231017	113760
0001208226	111068	0001211512	111053	0001218158	112454	0001231018	114220
0001208229	110341	0001211513	110336	0001218159	113451	0001231019	113468
0001208232	110337	0001211514	110771	0001218160	113444	0001231023	114001
0001208400	110835	0001211515	110831	0001218161	114053	0001231026	114196
0001208406	110774	0001211525	111058	0001218162	112440	0001231027	114196
0001208407	113095	0001211526	111058	0001218163	113134	0001231028	112494
0001208408	111106	0001211529	111058	0001218165	111065	0001231029	113759
0001208409	110337	0001211530	111058	0001218166	111874	0001231030	113468
0001208413	113095	0001211533	110336	0001218167	113134	0001231034	114001
0001208416	111059	0001211535	111053	0001218168	112439	0001231036	114069
0001208417	111059	0001211536	111025	0001218171	112533	0001231039	114307
0001208418	111059	0001211987	111104	0001218172	111855	0001231040	114069
0001208419	111059	0001211989	110336	0001218174	111996	0001231041	112055
0001208420	111425	0001211991	110771	0001218175	112454	0001231045	113760
0001208423	110337	0001211992	110363	0001218176	114055	0001241001	113891
0001208425	113847	0001211993	110363	0001218620	111115	0001241003	113934
0001208426	113847	0001211995	110771	0001218703	113846	0001241006	114073
0001208428	113847	0001211996	110771	0001218710	113389	0001241007	113934
0001208429	113847	0001211997	110363	0001218715	112537	0001241008	114327
0001208501	110771	0001211998	110363	0001218725	112454	0001241014	113934
0001208507	111066	0001212206	110864	0001218728	112290	0001241015	114073
0001208513	110336	0001212207	110864	0001218741	111421	0001241019	113934
0001208514	110831	0001212400	113844	0001218757	112053	0001241020	114073
0001208515	110585	0001212401	113844	0001218759	112436	0001261001	113891
0001208516	110587	0001214002	112034	0001218760	113444	0001261002	113891
0001208517	110585	0001218001	112533	0001218765	111065	0001261007	114073
0001208518	111068	0001218002	112541	0001218768	112439	0001261008	114073
0001208519	110831	0001218003	111115	0001218771	112533	0001261012	114073
0001208520	112536	0001218004	111120	0001218772	111855	0001261013	114073

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0001261016	..114327	0001314037	..111107	0001359074	..111752	0001362062	..110814
0001261026	..113891	0001314038	..111107	0001359075	..112135	0001362063	..111752
0001262002	..112071	0001314043	..111052	0001359078	..110536	0001362064	..112135
0001262006	..114395	0001314044	..113981	0001359082	..110465	0001362067	..110462
0001262022	..114002	0001314045	..111052	0001359083	..111001	0001362069	..111112
0001263020	..114196	0001314047	..112040	0001359084	..110525	0001362070	..111112
0001263023	..114307	0001315004	..111211	0001359087	..113482	0001362073	..110812
0001263024	..114307	0001315183	..110838	0001359088	..111793	0001362076	..112039
0001305016	..111054	0001317009	..110996	0001359089	..113482	0001362077	..111112
0001307024	..111208	0001317010	..110996	0001359090	..111755	0001362078	..111112
0001307025	..111304	0001317014	..110996	0001359091	..110640	0001362081	..111109
0001307035	..113268	0001317015	..110996	0001359095	..113465	0001362083	..111112
0001310013	..111069	0001317018	..110996	0001359099	..110551	0001362084	..110818
0001311001	..111054	0001317019	..110996	0001359102	..110529	0001362091	..110536
0001311016	..110772	0001317020	..110996	0001359107	..111791	0001362093	..110443
0001311023	..110868	0001317021	..110996	0001359108	..110530	0001362102	..111693
0001311024	..110868	0001317023	..110867	0001359110	..110454	0001362105	..110813
0001311025	..110772	0001330008	..113859	0001359113	..111001	0001362300	..111752
0001311027	..111054	0001354010	..110530	0001359116	..111573	0001362301	..112135
0001311032	..111054	0001354012	..112039	0001359119	..111047	0001362305	..110536
0001311033	..110868	0001354013	..111304	0001359122	..110522	0001362306	..111332
0001311034	..110868	0001354014	..110530	0001359124	..110545	0001362307	..110461
0001311037	..110868	0001354029	..112173	0001359126	..110460	0001362310	..112660
0001311038	..110870	0001354031	..112249	0001359127	..110520	0001362311	..110536
0001311041	..110824	0001354038	..111304	0001360003	..110523	0001362312	..111755
0001311042	..111052	0001354073	..111752	0001360007	..110520	0001362313	..110536
0001311045	..110772	0001354074	..112135	0001360010	..110527	0001362314	..111332
0001311046	..110868	0001354080	..111752	0001360011	..110524	0001362316	..111755
0001311048	..110870	0001354082	..111759	0001360012	..110523	0001362319	..112267
0001311049	..110868	0001354090	..110530	0001360013	..113466	0001362321	..112267
0001311054	..112542	0001354091	..112039	0001360014	..110523	0001362322	..112267
0001311056	..111208	0001354095	..112249	0001360015	..110521	0001362341	..111332
0001311100	..111052	0001354108	..112173	0001360022	..110524	0001362600	..110368
0001311101	..110868	0001358003	..110530	0001360023	..112132	0001362601	..110368
0001311103	..111054	0001358006	..110530	0001360026	..111637	0001362700	..112041
0001311104	..111054	0001358014	..110530	0001360027	..110520	0001363101	..110517
0001311109	..110868	0001358020	..110530	0001360030	..110523	0001363111	..110517
0001311113	..110870	0001358021	..111791	0001360034	..110524	0001363113	..114478
0001311114	..111054	0001358027	..110536	0001360035	..110523	0001363123	..112174
0001311115	..111209	0001358028	..110530	0001360036	..112132	0001363307	..110524
0001311118	..110824	0001358034	..113465	0001360037	..110524	0001364001	..113464
0001311120	..110868	0001358038	..112039	0001360038	..110527	0001364101	..112651
0001311122	..110824	0001358041	..111755	0001360039	..110527	0001364102	..111636
0001311128	..110840	0001358044	..110536	0001360043	..110521	0001364104	..111636
0001311132	..110836	0001358046	..110536	0001360050	..113466	0001364200	..111636
0001311136	..110824	0001358047	..111004	0001360052	..110524	0001364203	..111636
0001311137	..110824	0001358048	..110525	0001360057	..110527	0001364300	..112651
0001311140	..110824	0001358049	..110536	0001360058	..111637	0001364400	..112055
0001311141	..110824	0001358050	..111791	0001360061	..111638	0001364402	..111636
0001311142	..110824	0001358051	..110530	0001360063	..110518	0001365004	..113467
0001311143	..110824	0001358073	..110536	0001360065	..110524	0001366004	..112039
0001311146	..111489	0001358200	..110461	0001362001	..110368	0001366005	..111304
0001311147	..111489	0001358201	..110461	0001362002	..110368	0001366014	..111304
0001311149	..110870	0001358202	..110461	0001362003	..110775	0001366025	..112249
0001311150	..111052	0001358305	..110536	0001362004	..110775	0001366028	..111752
0001312001	..113705	0001359001	..110551	0001362008	..110439	0001367004	..110536
0001312100	..113845	0001359004	..110530	0001362009	..110530	0001367005	..111001
0001312110	..113845	0001359008	..113465	0001362016	..110536	0001367006	..112074
0001313001	..110869	0001359012	..110536	0001362017	..112039	0001367008	..112173
0001313003	..110869	0001359013	..113482	0001362018	..112039	0001367009	..110551
0001313005	..110869	0001359014	..111752	0001362022	..110530	0001367013	..110530
0001313007	..110869	0001359016	..111755	0001362025	..111332	0001367014	..110640
0001314001	..112172	0001359019	..112135	0001362027	..110775	0001367017	..111793
0001314002	..110869	0001359020	..111793	0001362028	..110775	0001367022	..110460
0001314005	..110838	0001359021	..110529	0001362029	..110368	0001367023	..110529
0001314010	..111759	0001359027	..110536	0001362030	..110368	0001367026	..110519
0001314016	..113268	0001359038	..111001	0001362032	..110813	0001367028	..110529
0001314018	..110869	0001359043	..110525	0001362034	..110536	0001367029	..110522
0001314025	..111052	0001359044	..113482	0001362035	..110530	0001367030	..110519
0001314026	..110836	0001359045	..112660	0001362036	..111001	0001367032	..110545
0001314027	..110862	0001359046	..110536	0001362038	..110775	0001367034	..110525
0001314029	..110838	0001359047	..110545	0001362039	..110813	0001367037	..111755
0001314030	..110838	0001359048	..110551	0001362040	..112039	0001367040	..110565
0001314031	..111211	0001359049	..110536	0001362043	..111332	0001367042	..112660
0001314032	..111052	0001359053	..110551	0001362046	..111004	0001367045	..113482
0001314033	..110869	0001359069	..112660	0001362047	..110368	0001367046	..113482
0001314034	..111070	0001359071	..110519	0001362049	..110819	0001367048	..111793
0001314035	..110862	0001359072	..111332	0001362052	..111791	0001367049	..111047
0001314036	..110862	0001359073	..110536	0001362060	..110818	0001367054	..112175

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001367055	110454	0001371006	111910	0001410088	110206	0001416052	110582
0001367056	113380	0001371007	111910	0001410094	111003	0001416053	111219
0001367059	110525	0001371008	112437	0001410098	110212	0001416054	110512
0001367069	113534	0001371010	112581	0001410099	110534	0001416059	113850
0001367070	113465	0001371015	112581	0001410106	110582	0001416061	110980
0001367072	111885	0001371018	111000	0001410109	110534	0001416062	110981
0001367075	111755	0001371020	111000	0001410111	110535	0001416065	110980
0001367076	111793	0001372001	111771	0001410115	110212	0001416067	110981
0001367077	112442	0001372002	112581	0001411005	110212	0001416070	110207
0001367078	111755	0001372003	112581	0001411008	110205	0001416076	110208
0001367079	112267	0001372005	113608	0001411009	110210	0001416078	110206
0001367082	110529	0001372006	113609	0001411010	111219	0001416079	110206
0001367300	110525	0001372007	112581	0001411012	110205	0001417001	110210
0001367301	110525	0001372008	112581	0001411013	110211	0001417002	111046
0001367302	113465	0001401005	110409	0001411014	110512	0001417005	110213
0001367303	110525	0001401011	110537	0001411016	110208	0001417006	110532
0001368001	110523	0001401012	111217	0001411017	110532	0001417007	112118
0001368007	110523	0001401013	111217	0001411021	112118	0001417023	111219
0001368010	110527	0001401014	111217	0001411022	112120	0001417036	110531
0001368016	111640	0001401017	110537	0001411025	110213	0001417037	112120
0001368017	111638	0001401023	110538	0001411026	110532	0001417038	110210
0001368019	110521	0001401025	110537	0001411027	112118	0001417041	110205
0001368020	110518	0001401028	111217	0001413001	110537	0001417042	112119
0001368021	110520	0001401034	110537	0001413002	110537	0001417043	110214
0001368022	110524	0001401035	110537	0001413003	110409	0001417045	110212
0001368024	110524	0001401036	110409	0001413006	110537	0001417046	110212
0001368026	112670	0001401037	110409	0001413007	111217	0001417047	110211
0001368030	112132	0001401044	110409	0001413010	111217	0001417051	110210
0001368034	111637	0001401045	110409	0001413017	110539	0001417053	111231
0001368035	110524	0001401049	110537	0001414003	110512	0001417060	112499
0001368037	113484	0001401050	110537	0001414008	110208	0001417061	111231
0001368038	110998	0001401052	111217	0001414010	110512	0001417063	111983
0001368039	113484	0001401056	110537	0001414011	111218	0001417064	112117
0001368040	112670	0001401060	110538	0001414017	110601	0001417065	112116
0001368048	110524	0001401066	110537	0001414018	111249	0001417067	111983
0001368051	112670	0001401068	111217	0001414019	110207	0001417069	111983
0001368052	113466	0001402008	110512	0001414022	112507	0001417073	110532
0001368055	110524	0001402011	111249	0001415001	110206	0001417074	110532
0001368056	113468	0001402023	110512	0001415002	110512	0001417075	112116
0001368059	113007	0001402037	110512	0001415004	110208	0001417076	111983
0001368062	110524	0001402040	110550	0001415007	111003	0001418001	110537
0001368063	111638	0001402041	110512	0001415008	110214	0001418002	110409
0001368067	114397	0001402043	110601	0001415010	110601	0001418003	111217
0001368069	113184	0001402053	110208	0001415011	110533	0001418004	111217
0001368070	113466	0001402054	110512	0001415013	110207	0001418009	110538
0001368074	111638	0001402055	110512	0001415014	110212	0001418012	110537
0001368077	113980	0001402056	111249	0001415015	110212	0001418014	110539
0001368081	111640	0001402057	110207	0001415016	110208	0001420001	110999
0001368083	111399	0001402058	111249	0001415017	110582	0001420002	110347
0001368085	112037	0001402059	110601	0001415021	111219	0001420003	110999
0001368088	110523	0001402064	110512	0001415027	110206	0001420004	110999
0001368300	110524	0001402075	110512	0001416002	110206	0001420005	110999
0001368301	110527	0001402079	111218	0001416003	110533	0001420006	110347
0001368304	113466	0001402081	110512	0001416004	111003	0001420008	110347
0001368305	113468	0001402083	110512	0001416005	110207	0001420009	110999
0001368306	113466	0001410002	110206	0001416007	110207	0001420010	110347
0001368307	110524	0001410005	110211	0001416008	110208	0001420011	110347
0001368309	110524	0001410010	111219	0001416009	110208	0001420012	111983
0001368310	113468	0001410012	110512	0001416010	113855	0001420013	110999
0001368311	113353	0001410015	110531	0001416011	110582	0001420015	111983
0001368313	112055	0001410016	110531	0001416013	110601	0001420024	111983
0001368316	110527	0001410021	110512	0001416017	111249	0001501020	110214
0001368317	113468	0001410024	110210	0001416021	110208	0001501029	110214
0001369001	111755	0001410029	110601	0001416022	110512	0001501033	110214
0001369005	111755	0001410030	110601	0001416023	110206	0001501035	110214
0001369007	111885	0001410037	110214	0001416024	110512	0004314011	110530
0001369014	112555	0001410041	110531	0001416026	112507	0010300001	110061
0001369015	112074	0001410044	110208	0001416027	111249	0010300002	110060
0001369016	111752	0001410046	110207	0001416028	111218	0010300003	110061
0001369018	112135	0001410050	111219	0001416028	111218	0010300004	110060
0001369019	111885	0001410052	111003	0001416030	110534	0010300006	110060
0001369020	112074	0001410053	110534	0001416032	114438	0010300100	110060
0001369022	111755	0001410057	110932	0001416035	110534	0010350003	111504
0001369023	112074	0001410060	110209	0001416036	110535	0010350005	110061
0001369024	112555	0001410062	110533	0001416043	110209	0010350007	111504
0001369025	111885	0001410063	110534	0001416044	110932	0010350009	111504
0001369200	113968	0001410065	110213	0001416046	114446	0010350011	111504
0001371001	113695	0001410067	110209	0001416047	110512	0010350013	111504
0001371004	112224	0001410068	110932	0001416048	110212	0010350100	111504

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0010350102	..110061	0120400630	..110877	0120450018	..111813	0120468145	..113448
012060040	..113632	0120400637	..112098	0120450019	..111813	0120468147	..112493
0101302067	..111225	0120400639	..112098	0120450024	..111813	0120468154	..112189
0101302068	..111225	0120400640	..110766	0120450026	..111815	0120468162	..112189
0101302075	..111225	0120400642	..110766	0120450027	..111815	0120468999	..112076
0101302076	..111225	0120400649	..111652	0120450028	..111815	0120469001	..110895
0101302085	..111225	0120400650	..111652	0120450029	..111814	0120469002	..112798
0101302086	..111225	0120400669	..111652	0120465003	..112194	0120469005	..112809
0101302111	..111225	0120400670	..110975	0120465004	..112194	0120469006	..112692
0101302112	..111225	0120400675	..112098	0120465006	..112557	0120469007	..112692
0101302115	..111225	0120400679	..112098	0120465007	..112806	0120469008	..112747
0101302116	..111225	0120400680	..112098	0120465008	..112806	0120469009	..111157
0101302117	..111225	0120400690	..110766	0120465012	..112557	0120469010	..111987
0101302118	..111225	0120400694	..110766	0120465014	..112539	0120469011	..112798
0101304013	..111225	0120400700	..111141	0120465015	..112194	0120469012	..112798
0101304014	..111225	0120400704	..110759	0120465016	..112539	0120469013	..113611
0120060040	..113632	0120400705	..110759	0120465017	..112539	0120469014	..112345
0120300514	..110641	0120400708	..110127	0120465018	..113865	0120469016	..112801
0120300516	..110105	0120400722	..110735	0120465020	..111733	0120469017	..112801
0120300517	..111649	0120400723	..110735	0120465021	..111991	0120469018	..111631
0120300528	..110899	0120400728	..113920	0120465022	..112806	0120469019	..110895
0120300529	..110899	0120400736	..112098	0120465023	..112806	0120469021	..112765
0120300530	..110077	0120400744	..110726	0120468013	..112812	0120469022	..111987
0120300531	..110077	0120400746	..110357	0120468014	..112812	0120469023	..111987
0120300535	..110105	0120400752	..110877	0120468017	..112777	0120469024	..111146
0120300545	..110105	0120400753	..110877	0120468019	..112777	0120469025	..110895
0120300558	..110899	0120400760	..110766	0120468020	..112777	0120469026	..111987
0120300559	..110899	0120400767	..110887	0120468022	..112777	0120469027	..111987
0120300562	..111649	0120400768	..110887	0120468023	..112777	0120469028	..112780
0120300563	..110975	0120400774	..110113	0120468028	..113894	0120469030	..112747
0120300564	..110975	0120400775	..111649	0120468029	..112693	0120469031	..111987
0120300568	..110899	0120400778	..110127	0120468037	..112803	0120469032	..113186
0120300569	..110899	0120400786	..110887	0120468044	..112777	0120469033	..111631
0120300579	..110766	0120400787	..110887	0120468052	..112777	0120469034	..111860
0120300584	..110975	0120400789	..112098	0120468053	..112159	0120469036	..110895
0120334625	..112329	0120400790	..110766	0120468054	..112493	0120469038	..111146
0120335006	..110618	0120400791	..110766	0120468055	..112773	0120469039	..110895
0120335007	..110619	0120400796	..110116	0120468057	..112774	0120469044	..111631
0120335008	..111280	0120400805	..110766	0120468058	..112774	0120469048	..111987
0120335010	..111352	0120400806	..111289	0120468059	..112774	0120469101	..110895
0120335012	..112230	0120400807	..111289	0120468060	..112774	0120469102	..112747
0120339502	..110178	0120400808	..111086	0120468065	..112076	0120469103	..110895
0120339504	..111086	0120400809	..111086	0120468066	..112038	0120469108	..111987
0120339506	..110178	0120400810	..111289	0120468070	..112777	0120469110	..111987
0120339509	..110178	0120400814	..110759	0120468078	..112699	0120469113	..111987
0120339510	..110178	0120400833	..113376	0120468084	..112799	0120469115	..112561
0120339512	..111649	0120400834	..113376	0120468085	..112799	0120469116	..112561
0120339513	..111649	0120400836	..111096	0120468093	..111746	0120469117	..112561
0120339514	..110641	0120400837	..111096	0120468094	..112076	0120469501	..110919
0120339515	..111180	0120400838	..110925	0120468098	..112812	0120469502	..111139
0120339516	..111180	0120400839	..110925	0120468101	..112693	0120469503	..111139
0120339518	..111086	0120400845	..112098	0120468105	..112699	0120469504	..111139
0120339519	..111086	0120400847	..110887	0120468107	..112159	0120469505	..111139
0120339521	..111662	0120400848	..110887	0120468108	..112777	0120469506	..113611
0120339524	..110077	0120400856	..110730	0120468109	..113758	0120469507	..112742
0120339525	..110077	0120400857	..110730	0120468110	..112699	0120469509	..110895
0120339526	..113469	0120400858	..110358	0120468111	..112699	0120469514	..110990
0120339527	..111180	0120400859	..110358	0120468113	..112159	0120469515	..110990
0120339528	..111180	0120400862	..111096	0120468114	..112803	0120469518	..110895
0120339531	..110641	0120400863	..111096	0120468115	..112159	0120469519	..112747
0120339536	..111662	0120400866	..111289	0120468116	..112076	0120469520	..112747
0120339538	..110766	0120400867	..111289	0120468117	..112159	0120469521	..112747
0120339543	..111649	0120400872	..111086	0120468118	..112159	0120469522	..112742
0120339544	..111649	0120400873	..111086	0120468119	..112799	0120469523	..111528
0120339545	..111649	0120400900	..111086	0120468122	..112750	0120469524	..111139
0120339552	..110641	0120400901	..111086	0120468123	..112777	0120469525	..111139
0120389502	..110178	0120400914	..110890	0120468124	..112076	0120469526	..113611
0120389503	..110178	0120400943	..110890	0120468125	..112693	0120469527	..111146
0120400369	..112098	0120421142	..111289	0120468129	..112076	0120469528	..111139
0120400600	..112098	0120421401	..111289	0120468130	..112076	0120469533	..111139
0120400601	..112098	0120421581	..111086	0120468131	..111886	0120469534	..110990
0120400603	..112098	0120450010	..112288	0120468132	..113514	0120469535	..110990
0120400606	..112098	0120450011	..111813	0120468135	..111746	0120469536	..111139
0120400607	..112098	0120450012	..111813	0120468137	..112159	0120469538	..111147
0120400611	..112098	0120450013	..111813	0120468138	..112159	0120469539	..111147
0120400614	..113376	0120450014	..111813	0120468139	..112076	0120469540	..113611
0120400618	..110048	0120450015	..112288	0120468140	..112189	0120469545	..110990
0120400623	..111652	0120450016	..111813	0120468143	..113448	0120469546	..110990
0120400626	..111652	0120450017	..111813	0120468144	..111746	0120469548	..110990

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0120469549	111419	0120469759	112740	0120469976	112234	0120488169	112056
0120469554	111139	0120469761	111146	0120469977	112234	0120488170	111178
0120469555	110990	0120469763	111834	0120469978	111987	0120488171	111178
0120469556	110990	0120469768	112729	0120469979	111860	0120488172	111169
0120469557	110990	0120469772	112747	0120469982	110895	0120488173	111169
0120469558	110990	0120469781	112725	0120469983	111146	0120488176	111289
0120469559	112730	0120469784	112746	0120469984	112692	0120488177	111289
0120469560	111147	0120469785	112746	0120469985	112692	0120488178	111741
0120469561	111147	0120469786	112746	0120469991	112234	0120488179	111741
0120469562	111146	0120469787	112746	0120469992	112815	0120488180	111741
0120469566	112730	0120469793	112746	0120469993	112815	0120488181	111741
0120469569	111834	0120469798	112345	0120469999	111987	0120488182	111289
0120469579	112288	0120469804	111147	0120484001	112046	0120488185	110881
0120469580	112288	0120469805	111147	0120484002	113632	0120488186	112056
0120469583	111149	0120469807	111834	0120484003	113632	0120488187	112056
0120469584	111149	0120469808	111157	0120484009	113187	0120488189	111356
0120469585	112747	0120469809	111157	0120484011	111843	0120488190	111166
0120469588	111149	0120469811	112734	0120484012	113531	0120488191	111166
0120469589	111149	0120469822	112750	0120484015	111978	0120488192	111169
0120469590	111149	0120469823	112750	0120484016	113632	0120488193	111169
0120469591	111149	0120469826	111834	0120484017	113531	0120488194	112768
0120469592	111146	0120469832	112750	0120484018	111843	0120488195	112768
0120469593	111147	0120469839	112750	0120484019	113531	0120488196	111288
0120469601	112729	0120469847	112780	0120484020	113632	0120488197	112763
0120469602	112729	0120469848	112780	0120484021	111978	0120488198	111288
0120469603	112729	0120469849	111987	0120484022	113290	0120488199	111288
0120469604	112729	0120469858	112771	0120484024	113290	0120488200	111170
0120469605	112729	0120469859	112771	0120484026	111843	0120488201	111170
0120469617	111147	0120469860	111860	0120484028	114565	0120488202	112056
0120469618	111147	0120469861	111860	0120484049	113716	0120488203	111168
0120469619	111147	0120469863	112729	0120484050	111843	0120488204	112056
0120469634	111419	0120469864	112797	0120484218	111843	0120488205	111888
0120469642	111149	0120469865	112797	0120485007	111094	0120488206	112170
0120469643	111834	0120469870	112759	0120485008	111094	0120488207	111148
0120469644	112760	0120469871	112759	0120485011	111354	0120488208	110116
0120469645	112760	0120469874	112759	0120485012	111354	0120488209	110881
0120469646	112453	0120469875	111860	0120485015	111268	0120488210	111289
0120469647	112453	0120469878	112764	0120485019	111676	0120488211	110891
0120469655	112725	0120469879	112764	0120485020	111676	0120488214	111076
0120469656	112725	0120469888	112750	0120485022	111354	0120488215	111076
0120469659	112730	0120469889	112750	0120485025	112456	0120488217	113632
0120469660	112730	0120469890	111419	0120485029	111293	0120488218	110105
0120469661	111157	0120469891	111146	0120485034	111352	0120488219	113576
0120469662	111157	0120469892	111860	0120485036	111479	0120488220	113576
0120469666	112453	0120469895	113611	0120485038	111477	0120488224	110766
0120469673	111987	0120469896	112734	0120485041	112712	0120488226	111154
0120469674	112234	0120469897	112734	0120485043	111353	0120488227	111154
0120469675	112234	0120469899	112730	0120485048	112687	0120488228	110891
0120469676	111157	0120469900	111834	0120485049	112687	0120488229	112813
0120469677	111157	0120469904	112234	0120488000	111164	0120488230	112813
0120469679	111987	0120469906	112811	0120488001	111164	0120488231	112813
0120469684	112760	0120469907	112811	0120488009	111164	0120488233	112098
0120469685	112760	0120469909	112801	0120488012	111164	0120488234	113470
0120469686	110895	0120469910	112801	0120488100	112056	0120488235	111148
0120469687	113611	0120469911	112804	0120488102	111667	0120488236	111801
0120469692	111146	0120469912	112804	0120488103	111667	0120488237	111288
0120469693	111834	0120469913	113864	0120488114	110881	0120488238	111154
0120469706	112234	0120469914	113864	0120488123	111170	0120488238	111154
0120469707	112234	0120469918	113864	0120488124	111170	0120488239	112763
0120469710	112453	0120469919	113864	0120488129	113624	0120488240	111288
0120469713	112730	0120469920	112757	0120488130	112813	0120488241	111801
0120469722	112765	0120469927	112785	0120488132	112813	0120488242	111741
0120469723	112765	0120469928	112734	0120488133	113876	0120488243	111741
0120469734	112729	0120469928	112734	0120488134	112098	0120488250	111686
0120469735	112729	0120469936	112780	0120488137	112779	0120488251	111686
0120469736	112729	0120469937	112780	0120488138	112779	0120488252	112097
0120469737	112729	0120469938	112771	0120488138	112098	0120488253	112097
0120469738	112729	0120469939	112771	0120488140	111148	0120488254	112097
0120469739	112729	0120469940	112771	0120488142	111148	0120488255	111620
0120469740	112234	0120469944	111149	0120488143	113839	0120488255	112775
0120469741	112234	0120469945	111149	0120488144	111403	0120488256	113920
0120469744	112734	0120469947	112785	0120488149	111741	0120488257	110881
0120469745	112734	0120469953	112750	0120488153	113470	0120488258	110881
0120469746	112734	0120469958	111157	0120488158	113376	0120488261	112810
0120469749	112742	0120469959	111834	0120488159	111166	0120488262	112810
0120469752	112288	0120469960	111834	0120488160	111170	0120488265	112763
0120469753	112288	0120469963	112757	0120488161	111170	0120488267	110105
0120469754	112730	0120469967	112687	0120488164	111166	0120488268	112732
0120469757	112740	0120469971	112798	0120488165	111166	0120488269	112779
		0120469972	112798	0120488166	111170	0120488270	112779
				0120488168	112056	0120488271	110761

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0120488273	110116	0120489086	111289	0120489214	111289	0120489336	111418
0120488277	113920	0120489087	110759	0120489219	111686	0120489336	113838
0120488278	113920	0120489088	111289	0120489221	110113	0120489337	113838
0120488280	110348	0120489090	111289	0120489225	110113	0120489338	111686
0120488282	111141	0120489091	111289	0120489226	112779	0120489339	111166
0120488283	113470	0120489092	111289	0120489227	112779	0120489340	111166
0120488284	111418	0120489093	111289	0120489230	110116	0120489341	111800
0120488286	110891	0120489094	111289	0120489231	110113	0120489342	112056
0120488289	110116	0120489095	111289	0120489232	110923	0120489343	111800
0120488290	110105	0120489096	111086	0120489233	110923	0120489344	111155
0120488291	113920	0120489097	111086	0120489234	110923	0120489345	111289
0120488293	111888	0120489098	111086	0120489238	111074	0120489345	111362
0120488294	112170	0120489099	111086	0120489239	111074	0120489346	110891
0120488296	113716	0120489100	111086	0120489240	111288	0120489347	110891
0120488297	111216	0120489101	111086	0120489242	110875	0120489348	111148
0120488643	112784	0120489103	111289	0120489243	110875	0120489354	110923
0120489001	111289	0120489105	111086	0120489244	111086	0120489355	110923
0120489002	111652	0120489106	110882	0120489245	111364	0120489358	111156
0120489003	111652	0120489107	110890	0120489248	110919	0120489360	111160
0120489004	111652	0120489108	111178	0120489249	110919	0120489361	111160
0120489005	112763	0120489109	111178	0120489251	111364	0120489362	112149
0120489006	111652	0120489110	111178	0120489252	111364	0120489363	112149
0120489007	111652	0120489111	111178	0120489253	111799	0120489364	111539
0120489008	110357	0120489114	110925	0120489254	111799	0120489365	112149
0120489009	110357	0120489115	110925	0120489258	111076	0120489367	112735
0120489009	111652	0120489116	111656	0120489259	111076	0120489368	112735
0120489010	111652	0120489117	111656	0120489260	111083	0120489369	111539
0120489010	111652	0120489118	113376	0120489261	111083	0120489370	111539
0120489011	110357	0120489119	113376	0120489262	110913	0120489371	111539
0120489011	111652	0120489120	110914	0120489263	111148	0120489372	111092
0120489012	110360	0120489121	110972	0120489266	111289	0120489374	111288
0120489013	110360	0120489122	110914	0120489267	111289	0120489375	111288
0120489014	111653	0120489123	110972	0120489270	111076	0120489376	110902
0120489015	111653	0120489123	111168	0120489272	111620	0120489377	110902
0120489016	110913	0120489124	110972	0120489273	111620	0120489378	111154
0120489017	110913	0120489124	111168	0120489284	110113	0120489379	111154
0120489018	111686	0120489125	111168	0120489286	110881	0120489380	111152
0120489019	112768	0120489126	111035	0120489287	111086	0120489382	112763
0120489020	110912	0120489127	110612	0120489289	111289	0120489383	112763
0120489021	110890	0120489128	111148	0120489290	111362	0120489384	111355
0120489022	112098	0120489129	111148	0120489292	111364	0120489385	111355
0120489023	110766	0120489132	111138	0120489293	111355	0120489393	110993
0120489024	110875	0120489133	111138	0120489294	112098	0120489394	110993
0120489030	110876	0120489134	110890	0120489295	112753	0120489400	111148
0120489031	110876	0120489135	110912	0120489296	110881	0120489402	112768
0120489032	111141	0120489136	111686	0120489297	112753	0120489408	110891
0120489036	110877	0120489138	111166	0120489300	110923	0120489410	112097
0120489037	110877	0120489139	111166	0120489301	110923	0120489412	112097
0120489038	110877	0120489145	110882	0120489302	110923	0120489414	112097
0120489039	110877	0120489146	110890	0120489303	112784	0120489418	111170
0120489040	110876	0120489147	110890	0120489304	111289	0120489421	111170
0120489043	110880	0120489148	111289	0120489305	111289	0120489426	111086
0120489045	110877	0120489149	110875	0120489307	111620	0120489427	111287
0120489046	110877	0120489151	110890	0120489309	110881	0120489428	110896
0120489048	111289	0120489152	111686	0120489310	111799	0120489429	111095
0120489049	111086	0120489153	111686	0120489311	111799	0120489430	111095
0120489050	111086	0120489156	113632	0120489312	111799	0120489431	111095
0120489051	111289	0120489157	111076	0120489315	111141	0120489432	111287
0120489052	111086	0120489158	111076	0120489316	110906	0120489433	111287
0120489053	110116	0120489170	110912	0120489317	113632	0120489434	111095
0120489054	111086	0120489173	111155	0120489318	111620	0120489435	111095
0120489058	110975	0120489174	111155	0120489319	111620	0120489436	112149
0120489060	112784	0120489183	110881	0120489321	111093	0120489437	112149
0120489061	110358	0120489185	112149	0120489322	111093	0120489441	111539
0120489062	111653	0120489186	111035	0120489323	110923	0120489442	111288
0120489063	111652	0120489187	111035	0120489324	110923	0120489444	112735
0120489064	110875	0120489188	111035	0120489325	111093	0120489446	111801
0120489065	111085	0120489189	111156	0120489326	111093	0120489447	111801
0120489066	111085	0120489190	111156	0120489327	111093	0120489448	111539
0120489069	110881	0120489191	110877	0120489328	111093	0120489449	111154
0120489070	110881	0120489192	110043	0120489329	111093	0120489457	112768
0120489074	111289	0120489193	111075	0120489330	111093	0120489465	112788
0120489075	111289	0120489194	111075	0120489331	110923	0120489467	111841
0120489076	110360	0120489195	110919	0120489331	113866	0120489473	110877
0120489077	111083	0120489196	110919	0120489332	110923	0120489474	110877
0120489080	111652	0120489198	111288	0120489333	110923	0120489475	111888
0120489081	110913	0120489202	111074	0120489333	113866	0120489476	111841
0120489082	111086	0120489203	111074	0120489334	113838	0120489481	112170
0120489084	112683	0120489212	111686	0120489335	113838	0120489488	111170

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0120489489	111170	0120489638	112097	0120489762	110882	0120489917	110358
0120489490	113839	0120489639	112097	0120489763	110890	0120489918	110358
0120489491	111321	0120489641	110912	0120489765	110882	0120489920	111138
0120489495	111287	0120489642	110912	0120489766	111656	0120489921	111138
0120489496	111287	0120489643	110112	0120489767	111656	0120489933	110358
0120489497	111154	0120489644	110877	0120489768	113376	0120489935	110875
0120489499	111539	0120489645	110877	0120489769	113376	0120489936	110875
0120489500	110726	0120489646	110877	0120489770	110890	0120489938	111086
0120489501	110726	0120489647	110877	0120489771	110357	0120489940	110759
0120489508	110759	0120489648	110877	0120489773	110913	0120489942	111148
0120489509	110759	0120489653	110911	0120489774	110913	0120489943	111148
0120489511	110759	0120489654	110911	0120489779	110127	0120489944	110761
0120489519	110726	0120489657	110911	0120489789	110975	0120489947	111168
0120489520	110357	0120489659	110911	0120489791	110360	0120489948	111168
0120489521	111652	0120489666	111289	0120489792	112097	0120489950	111168
0120489522	110759	0120489667	111289	0120489793	112097	0120489951	111168
0120489526	110358	0120489672	111138	0120489794	112097	0120489952	111168
0120489527	110358	0120489673	111138	0120489795	112097	0120489957	111289
0120489532	110726	0120489678	110726	0120489796	112097	0120489958	113574
0120489533	112310	0120489680	111086	0120489797	110880	0120489959	113574
0120489534	110877	0120489681	111086	0120489798	110880	0120489960	110360
0120489535	111652	0120489683	110358	0120489799	110360	0120489961	110360
0120489536	110759	0120489684	110116	0120489800	110360	0120489964	110360
0120489541	110912	0120489691	111086	0120489801	111289	0120489965	110360
0120489542	110912	0120489692	111086	0120489803	110759	0120489966	110767
0120489543	110877	0120489698	110726	0120489804	110759	0120489967	110767
0120489544	110877	0120489699	110726	0120489808	111670	0120489971	111652
0120489546	110726	0120489700	111086	0120489819	111670	0120489972	111652
0120489547	110730	0120489701	111086	0120489820	110357	0120489975	110975
0120489548	110730	0120489702	110043	0120489821	110357	0120489976	111652
0120489549	111153	0120489703	110105	0120489823	111620	0120489980	110913
0120489550	111153	0120489704	110105	0120489824	111620	0120489981	110913
0120489551	110975	0120489705	111289	0120489827	110116	0120489982	111083
0120489556	110358	0120489706	111289	0120489828	110358	0120489983	111083
0120489557	110360	0120489707	110766	0120489831	110357	0120489986	111653
0120489558	110360	0120489708	110971	0120489833	111289	0120489987	111653
0120489559	111083	0120489710	112098	0120489838	110890	0120489988	111653
0120489560	111083	0120489711	112098	0120489839	111289	0120489990	111670
0120489561	110759	0120489712	110913	0120489840	111289	0120489991	111670
0120489562	110759	0120489713	111652	0120489841	111289	0120489999	110975
0120489565	111096	0120489714	111652	0120489842	111289	0120500004	112557
0120489566	111096	0120489715	111667	0120489843	111289	0120501151	113448
0120489567	111086	0120489716	111667	0120489844	111289	0120600579	111629
0120489569	110975	0120489717	110876	0120489846	111086	0120689503	111629
0120489581	110360	0120489718	110876	0120489847	111086	0120689504	111842
0120489583	111096	0120489719	110880	0120489849	111086	0120689507	111842
0120489584	111096	0120489720	110880	0120489850	111086	0120689508	111629
0120489585	113376	0120489723	110751	0120489851	111086	0120689511	112343
0120489586	113376	0120489724	110751	0120489858	111653	0120689512	111629
0120489587	111086	0120489725	111141	0120489859	111653	0120689513	111629
0120489588	111086	0120489726	111141	0120489860	111653	0120689515	111629
0120489592	111086	0120489727	110113	0120489861	110360	0120689516	112302
0120489593	111086	0120489728	110113	0120489862	110360	0120689517	111842
0120489594	111289	0120489730	110766	0120489863	110360	0120689520	111629
0120489595	111289	0120489731	110117	0120489864	110360	0120689522	111842
0120489600	110357	0120489732	111652	0120489865	110360	0120689523	113488
0120489604	111289	0120489735	110911	0120489866	110360	0120689524	112302
0120489606	110877	0120489738	110612	0120489868	110913	0120689526	111859
0120489607	110877	0120489739	110612	0120489869	111083	0120689527	111842
0120489608	110877	0120489740	111138	0120489870	110913	0120689530	111833
0120489612	112097	0120489741	111138	0120489871	110913	0120689532	111629
0120489616	110759	0120489742	110912	0120489872	110913	0120689533	111629
0120489617	111289	0120489743	110912	0120489873	110913	0120689535	111833
0120489618	110877	0120489744	110360	0120489885	112732	0120689538	112302
0120489619	110877	0120489745	110360	0120489886	112732	0120689540	111842
0120489622	110357	0120489746	111083	0120489889	111289	0120689541	111842
0120489623	110730	0120489747	111083	0120489892	111653	0120689542	113488
0120489625	113376	0120489748	110875	0120489893	111653	0120689543	112343
0120489626	113376	0120489749	110875	0120489894	110759	0120689546	113488
0120489627	110925	0120489750	110875	0120489895	111289	0120689548	112343
0120489628	110925	0120489751	110875	0120489896	111289	0120689552	112343
0120489629	111178	0120489752	110912	0120489903	111153	0120689553	114365
0120489630	111178	0120489753	110912	0120489904	111153	0120689562	112424
0120489631	111178	0120489756	112736	0120489905	111667	0120689566	112343
0120489632	111178	0120489757	111141	0120489906	111667	0120689569	111842
0120489633	111166	0120489758	111652	0120489911	110880	0120689571	111833
0120489634	111166	0120489759	110911	0120489912	110880	0120689572	113488
0120489635	113376	0120489760	110911	0120489915	111670	0120689574	111833
0120489636	113376	0120489761	110882	0120489916	111670	0120689575	111842

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0120689587	111833	0123320007	111477	0123510004	111850	0123515502	113899
0120689591	111629	0123320008	111820	0123510005	111991	0123515503	113949
0121615002	113958	0123320011	111675	0123510006	111733	0123520002	113885
0121715003	114109	0123320014	112691	0123510007	112709	0123520006	113489
0122468015	112426	0123320016	111478	0123510012	112530	0123520007	111850
0122469002	111261	0123320017	111477	0123510014	112806	0123520008	111850
0122469003	110801	0123320018	111899	0123510015	113867	0123520011	113489
0123100002	112689	0123320019	111820	0123510018	111850	0123520012	113489
0123110002	111352	0123320021	111887	0123510020	112558	0123520013	113489
0123110004	112793	0123320023	112450	0123510021	111850	0123520017	113489
0123110005	111891	0123320027	111820	0123510022	111902	0123520023	112425
0123110006	111997	0123320031	112543	0123510023	112194	0123525500	113923
0123110008	111824	0123320032	112543	0123510026	111898	0123525501	113289
0123115008	111280	0123320033	112710	0123510027	111988	0123525502	112427
0123115009	112209	0123320034	111820	0123510028	113758	0123525503	113923
0123115010	111280	0123320035	113486	0123510031	112694	0123540002	112194
0123115014	112209	0123320036	111858	0123510032	111733	0123545001	112557
0123120001	112229	0123320038	111884	0123510033	113867	0123545002	113865
0123212001	111427	0123320039	111675	0123510034	111733	0123545003	112557
0123213006	112557	0123320041	111890	0123510037	112195	0123545004	112194
0123213007	113865	0123320044	111369	0123510038	111883	0124215002	111416
0123214002	112538	0123320045	112529	0123510039	112530	0124225001	111824
0123310001	111353	0123320047	113442	0123510040	112539	0124225002	111990
0123310002	111352	0123320048	111676	0123510044	111826	0124225004	113879
0123310004	112532	0123320050	113833	0123510044	113869	0124225009	112077
0123310005	111354	0123320051	113889	0123510045	111772	0124225010	112414
0123310006	111331	0123320052	111478	0123510048	113848	0124225011	112414
0123310009	111268	0123320054	111478	0123510049	111883	0124225018	111824
0123310010	113485	0123320057	112708	0123510050	111902	0124225020	114040
0123310011	111318	0123320058	113486	0123510051	112530	0124225022	111824
0123310012	111893	0123320060	111903	0123510052	112558	0124225023	113879
0123310013	111318	0123320061	112529	0123510053	112709	0124225024	111990
0123310014	111293	0123320062	113442	0123510056	111733	0124225025	112077
0123310015	111292	0123320065	113889	0123510058	113869	0124225028	112229
0123310016	111268	0123320067	113833	0123510059	112539	0124225031	111891
0123310017	112557	0123325000	111468	0123510060	112196	0124225037	114040
0123310019	111353	0123325002	112860	0123510061	112806	0124225041	111824
0123310020	111352	0123325003	111468	0123510062	112558	0124225046	111990
0123310022	113783	0123325006	112042	0123510063	111732	0124225049	111824
0123310023	113447	0123325007	112708	0123510064	112558	0124225050	111990
0123310025	111353	0123325011	112413	0123510065	111857	0124225051	114311
0123310026	112456	0123325012	112860	0123510066	112530	0124225055	114291
0123310028	112532	0123325013	111468	0123510067	112530	0124315001	113340
0123310029	112680	0123325014	112860	0123510068	111902	0124315003	112075
0123310030	112557	0123325015	112413	0123510074	112196	0124315004	112075
0123310032	111353	0123325500	113295	0123510075	112196	0124315005	112273
0123310033	111980	0123335001	112712	0123510079	111902	0124315007	113870
0123310035	113341	0123335002	111369	0123510080	111883	0124315010	112398
0123310037	111878	0123335003	112529	0123510081	111902	0124315013	113873
0123310038	111825	0123335004	112708	0123510082	112197	0124315014	112419
0123310041	112708	0123335005	112708	0123510088	113867	0124315016	113296
0123310043	113783	0123335006	111369	0123510095	113848	0124315019	113285
0123310044	113783	0123335007	111369	0123510100	111902	0124315024	113296
0123310047	113783	0123335008	111903	0123510101	111883	0124315027	113285
0123310049	111884	0123340001	111676	0123510102	111826	0124315029	113296
0123310050	113447	0123340002	111479	0123510102	113869	0124315032	113340
0123310051	111980	0123340003	111477	0123510107	112197	0124320001	112407
0123310053	112680	0123340007	111890	0123510108	112197	0124320002	113280
0123310054	113447	0123345004	112450	0123510109	112420	0124325001	112079
0123315001	111352	0123500001	112194	0123512500	112062	0124325003	111989
0123315002	111353	0123500002	113154	0123515001	111895	0124325004	112043
0123315004	113576	0123500004	112557	0123515002	111895	0124325006	112073
0123315005	111354	0123500005	113865	0123515003	113770	0124325008	112418
0123315007	111993	0123500014	112557	0123515004	112193	0124325010	113832
0123315008	113832	0123505001	111732	0123515008	112045	0124325011	113887
0123315015	113832	0123505002	111426	0123515010	111895	0124325012	112079
0123315016	112557	0123505003	111514	0123515012	113758	0124325013	112274
0123315017	113832	0123505004	112558	0123515013	111894	0124325014	112401
0123315018	113832	0123505005	111733	0123515014	111988	0124325015	112408
0123315020	111993	0123505007	112806	0123515016	111898	0124325017	112399
0123315021	112557	0123505008	113867	0123515017	111828	0124325018	112396
0123315022	112413	0123505009	112806	0123515018	111988	0124325019	112399
0123315500	112406	0123505010	111991	0123515020	111828	0124325020	112399
0123315501	112529	0123505011	111988	0123515022	112193	0124325021	113888
0123315503	112406	0123505014	112557	0123515023	111895	0124325022	113888
0123320001	111477	0123505017	113154	0123515024	113758	0124325023	111967
0123320002	111479	0123510001	111733	0123515028	111894	0124325024	112144
0123320003	111676	0123510002	112194	0123515500	113949	0124325025	112399
0123320006	111479	0123510003	112558	0123515501	113949	0124325031	112144

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0124325032	112274	0124515013	113754	0124525091	113992	0986010031	111055
0124325035	113888	0124515017	112078	0124525092	113992	0986010031	111127
0124325039	113889	0124515018	112078	0124525098	113884	0986010033	111055
0124325045	113301	0124515019	112072	0124525102	113992	0986010040	110364
0124325046	113889	0124515020	113754	0124525128	113884	0986010041	110364
0124325049	112396	0124515021	113754	0124525133	113837	0986010110	110997
0124325050	113875	0124515022	113275	0124525135	114122	0986010128	110341
0124325051	114027	0124515024	113283	0124525140	114354	0986010150	110774
0124325052	113280	0124515025	113882	0124525141	113837	0986010170	110771
0124325053	113279	0124515026	112397	0124555001	113351	0986010200	110793
0124325056	113874	0124515027	113283	0124555002	113351	0986010200	111066
0124325058	112190	0124515028	113751	0124555003	113284	0986010201	110793
0124325060	113536	0124515033	113352	0124555004	113351	0986010201	111066
0124325062	113871	0124515034	113283	0124555005	113188	0986010248	110337
0124325072	113871	0124515035	112402	0124555006	114036	0986010248	111053
0124325073	112079	0124515038	113754	0124555008	114028	0986010248	111131
0124325074	113887	0124515040	113751	0124555009	114212	0986010250	111056
0124325081	113874	0124515043	113799	0124555014	114008	0986010251	111056
0124325088	112079	0124515045	112535	0124555017	114212	0986010258	111056
0124325093	113889	0124515046	113300	0124555018	114089	0986010268	111068
0124325097	113888	0124515049	113304	0124555020	114212	0986010280	110774
0124325100	113913	0124515050	112193	0124555022	113351	0986010281	110774
0124325101	112079	0124515054	112072	0124555027	114212	0986010281	110835
0124325102	114131	0124515055	113835	0124555028	114212	0986010290	111106
0124325105	113889	0124515056	113302	0124555032	113351	0986010291	111106
0124325108	114200	0124515057	112402	0124555040	113284	0986010300	110337
0124325125	113874	0124515058	113751	0124555041	113284	0986010300	111131
0124325127	113874	0124515059	113878	0124615002	112460	0986010308	110337
0124325131	112079	0124515064	112197	0124615006	113884	0986010308	111131
0124325137	111989	0124515068	113754	0124615007	113510	0986010310	110585
0124325139	114131	0124515080	112415	0124615015	112425	0986010311	110585
0124325145	112190	0124515083	112397	0124615017	113884	0986010330	111104
0124325146	113263	0124515086	111732	0124615019	112425	0986010331	111104
0124325148	113536	0124515087	113836	0124615027	112461	0986010360	110858
0124325149	112079	0124515088	113877	0124615033	112425	0986010398	111053
0124325150	112274	0124515090	113836	0124615035	112197	0986010398	111131
0124325160	113874	0124515091	112197	0124615038	113884	0986010400	110336
0124325168	113352	0124515095	113352	0124615040	113884	0986010401	110336
0124325170	114392	0124515098	113871	0124615043	114379	0986010408	110336
0124325178	114019	0124515110	112002	0124615053	112196	0986010408	111131
0124325185	112144	0124515114	112197	0124625002	113274	0986010418	111058
0124325186	114131	0124515117	112002	0124625006	113951	0986010430	110624
0124415002	112416	0124515121	112002	0124625019	113944	0986010431	110624
0124415005	113879	0124515124	112002	0124625028	114109	0986010450	111228
0124415006	112198	0124515125	112002	0124625031	113707	0986010450	112124
0124415007	112144	0124515126	112062	0124655001	113351	0986010450	112289
0124415008	111426	0124515131	113835	0124655002	113351	0986010451	112124
0124415009	113352	0124515132	113302	0124655003	113284	0986010451	112289
0124415010	112720	0124525001	113272	0124655004	113351	0986010468	110865
0124415011	112190	0124525007	113808	0124655006	114036	0986010470	111061
0124415012	113263	0124525008	113510	0124655008	114212	0986010498	111058
0124415013	112144	0124525010	113252	0124655009	113998	0986010530	110363
0124415014	112144	0124525012	113264	0124655011	113998	0986010570	110864
0124415015	113942	0124525014	113272	0124655012	114212	0986010590	111114
0124415016	113298	0124525016	113273	0124655016	113351	0986010590	112541
0124415025	113352	0124525017	114257	0124655019	114212	0986010591	111114
0124415026	113352	0124525022	113264	0124655023	113351	0986010591	112541
0124415030	113298	0124525026	113858	0124655036	113284	0986010600	111115
0124415038	112144	0124525028	113945	0124655037	113284	0986010601	111115
0124415040	112144	0124525029	113272	0124655039	113284	0986010610	110772
0124415041	112144	0124525034	113755	0136355012	111466	0986010630	111052
0124415043	112144	0124525035	113640	0136355014	111466	0986010648	110771
0124425004	113352	0124525039	113992	0136355037	111466	0986010648	110868
0124425005	114431	0124525042	113871	0136355038	111466	0986010650	110160
0124425009	112416	0124525043	114122	0136355042	111466	0986010658	110160
0124425019	113352	0124525044	113837	0136355057	111466	0986010658	111054
0124425022	112416	0124525045	113871	0136355061	111466	0986010658	111489
0124425026	114076	0124525047	114353	0136355067	111466	0986010710	110870
0124425027	112416	0124525049	114122	0136355072	111207	0986010718	110336
0124425053	113352	0124525050	113992	0136355080	111092	0986010718	110831
0124425056	113352	0124525059	113871	0136355081	111091	0986010718	110870
0124425059	114088	0124525066	113992	0136500029	110433	0986010718	111269
0124425097	114088	0124525067	113992	0136501003	110433	0986010730	110840
0124425100	113955	0124525080	113858	0136501074	112575	0986010788	110824
0124515004	112416	0124525082	114354	0136602009	112572	0986010788	111010
0124515005	112415	0124525084	113837	0136603002	113852	0986010810	113845
0124515010	112002	0124525085	113807	0936036048	113624	0986010850	110869
0124515011	112002	0124525087	113510	0986010030	111055	0986010858	110869
0124515012	112002	0124525089	113252		111123	0986010858	110997

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986010870	111052	0986011770	111063	0986012901	110295	0986013733	110206
0986010880	110836	0986011771	110860	0986012911	110278	0986013740	110365
0986010881	110836	0986011771	111063	0986012921	111441	0986013741	110365
0986010890	110862	0986011780	110835	0986012921	111728	0986013770	112670
0986010900	110838	0986011781	110835	0986012931	110155	0986013801	110793
0986010920	110996	0986011810	111064	0986012931	110256	0986013841	110790
0986010928	110996	0986011811	111064	0986012931	111452	0986013850	110584
0986010930	110839	0986011830	110866	0986012950	110524	0986013851	110584
0986010950	110461	0986011838	110367	0986012980	110838	0986013861	110860
0986010950	112251	0986011838	110866	0986012990	110869	0986013861	111063
0986010960	113465	0986011871	110338	0986013000	110862	0986013910	113389
0986010961	113465	0986011891	110365	0986013010	111347	0986013913	113389
0986010970	113466	0986011898	110365	0986013050	111060	0986013940	111025
0986010971	113466	0986011898	111585	0986013070	111981	0986013941	111025
0986010980	111638	0986011910	110352	0986013088	110839	0986013981	110400
0986010990	110536	0986011910	110826	0986013098	110867	0986013991	110473
0986011000	110775	0986011911	110351	0986013098	112290	0986014041	111458
0986011020	111332	0986011911	110352	0986013100	110844	0986014051	110249
0986011040	111004	0986011911	110826	0986013120	110587	0986014051	110312
0986011050	110368	0986011941	110608	0986013120	111070	0986014051	111442
0986011060	110814	0986011950	110521	0986013121	110587	0986014061	110312
0986011061	110814	0986012061	110154	0986013121	111070	0986014061	111442
0986011061	111693	0986012090	110144	0986013140	111112	0986014091	110718
0986011080	110812	0986012101	110277	0986013140	111120	0986014101	110389
0986011081	110812	0986012101	110308	0986013150	111851	0986014111	113036
0986011090	111112	0986012111	111634	0986013160	111270	0986014141	110809
0986011110	111109	0986012160	110145	0986013180	110998	0986014141	111461
0986011111	111109	0986012161	110145	0986013190	113380	0986014141	111476
0986011130	111752	0986012171	110157	0986013200	112295	0986014151	110292
0986011140	110536	0986012171	110158	0986013200	113481	0986014171	110291
0986011150	110368	0986012171	110315	0986013201	112295	0986014181	111448
0986011160	110517	0986012171	110479	0986013210	110837	0986014201	110310
0986011161	110517	0986012241	110142	0986013211	110837	0986014271	110717
0986011170	111636	0986012251	110152	0986013228	111030	0986014281	110386
0986011180	113467	0986012271	110149	0986013240	111070	0986014281	110719
0986011190	112249	0986012271	111310	0986013241	111070	0986014331	111560
0986011200	110536	0986012290	110279	0986013241	114460	0986014341	111451
0986011210	111332	0986012290	111312	0986013260	110208	0986014341	111454
0986011220	110529	0986012291	110279	0986013270	111131	0986014350	110394
0986011221	110529	0986012291	111312	0986013270	113346	0986014351	110394
0986011240	110525	0986012301	110158	0986013280	111131	0986014361	111561
0986011270	110523	0986012301	110315	0986013280	111750	0986014371	111310
0986011270	110536	0986012311	110399	0986013293	111131	0986014391	110396
0986011270	113464	0986012328	111010	0986013298	111131	0986014451	110411
0986011280	110527	0986012340	110587	0986013350	111069	0986014471	110708
0986011290	111640	0986012341	110587	0986013368	111131	0986014501	113097
0986011291	111640	0986012358	110336	0986013368	111269	0986014511	110397
0986011310	110517	0986012358	111131	0986013380	113844	0986014531	110253
0986011310	110521	0986012418	110862	0986013390	114319	0986014541	110323
0986011311	110521	0986012420	111755	0986013400	111423	0986014560	110981
0986011330	110518	0986012430	110210	0986013418	112537	0986014570	112455
0986011331	110518	0986012431	113269	0986013420	110582	0986014590	110584
0986011340	110520	0986012470	110454	0986013430	110213	0986014590	111029
0986011360	110524	0986012470	110465	0986013440	110532	0986014591	111029
0986011370	112132	0986012480	110212	0986013450	112119	0986014600	111030
0986011380	111637	0986012598	111059	0986013470	110865	0986014610	110842
0986011430	110214	0986012600	111059	0986013478	110865	0986014628	111694
0986011440	110531	0986012600	111748	0986013480	110525	0986014630	112321
0986011460	110534	0986012620	112533	0986013490	110524	0986014660	111065
0986011480	114438	0986012660	113845	0986013501	110149	0986014660	111851
0986011490	110206	0986012670	110529	0986013501	110808	0986014660	112440
0986011490	110210	0986012670	110813	0986013511	110149	0986014680	113444
0986011510	110210	0986012671	110813	0986013511	110808	0986014691	111125
0986011513	110210	0986012680	112135	0986013551	110280	0986014700	111619
0986011520	110205	0986012690	110368	0986013571	110290	0986014710	110365
0986011530	110537	0986012710	110530	0986013581	111458	0986014718	110365
0986011540	110537	0986012720	110522	0986013590	111058	0986014718	111585
0986011570	110206	0986012730	110535	0986013600	111489	0986014730	111755
0986011580	110533	0986012740	110208	0986013618	110847	0986014740	111755
0986011583	110533	0986012780	111047	0986013618	111122	0986014770	111117
0986011611	111102	0986012821	110260	0986013630	112125	0986014771	111117
0986011651	110367	0986012831	110182	0986013650	113134	0986014800	111118
0986011658	110367	0986012851	110145	0986013660	113846	0986014800	111423
0986011671	110856	0986012851	111458	0986013670	111107	0986014810	111751
0986011730	111100	0986012871	110158	0986013680	110536	0986014810	111900
0986011731	111100	0986012871	110315	0986013690	110545	0986014820	111751
0986011748	110367	0986012871	110479	0986013690	114254	0986014830	113847
0986011748	110866	0986012881	110421	0986013700	113484	0986014840	111400
0986011770	110860	0986012881	111475	0986013720	113468	0986014850	113482

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986014860	111123	0986016271	111448	0986017120	111123	0986018220	112290
0986014860	111127	0986016290	111059	0986017180	111908	0986018230	111131
0986014861	111123	0986016290	111748	0986017190	112013	0986018240	111131
0986014861	111127	0986016290	111909	0986017220	112125	0986018240	111269
0986014870	110209	0986016300	111749	0986017230	112125	0986018250	112537
0986014890	111052	0986016310	112133	0986017250	110214	0986018260	110847
0986014890	112172	0986016320	113483	0986017260	111851	0986018260	111122
0986014900	111911	0986016330	112321	0986017260	112440	0986018270	112440
0986014900	114118	0986016340	112052	0986017280	111752	0986018290	111855
0986014910	110207	0986016350	111131	0986017290	112135	0986018310	114460
0986014920	110205	0986016350	111750	0986017300	113446	0986018321	111534
0986014950	110351	0986016380	111347	0986017310	112039	0986018331	111690
0986014951	110351	0986016390	111065	0986017320	111771	0986018340	111769
0986014971	110389	0986016390	112440	0986017330	112459	0986018350	112431
0986014981	110149	0986016400	111251	0986017361	111333	0986018360	113761
0986014981	110808	0986016401	111251	0986017381	112295	0986018370	113609
0986014991	110149	0986016411	110854	0986017391	112295	0986018380	112221
0986014991	110394	0986016421	110712	0986017420	113674	0986018390	112429
0986014991	110808	0986016431	111189	0986017430	111855	0986018400	113605
0986014991	112215	0986016431	111552	0986017440	111865	0986018410	112236
0986015001	110709	0986016441	111548	0986017450	111904	0986018420	110582
0986015010	110585	0986016451	111310	0986017460	111900	0986018430	112435
0986015011	110585	0986016470	112141	0986017470	111905	0986018450	114321
0986015031	110253	0986016470	112235	0986017490	111996	0986018470	113677
0986015040	112660	0986016480	112340	0986017500	111874	0986018480	113271
0986015090	112290	0986016500	110713	0986017500	112006	0986018490	112441
0986015158	111131	0986016500	111455	0986017510	112074	0986018500	112438
0986015158	111750	0986016500	111984	0986017520	111399	0986018521	111029
0986015178	110831	0986016511	111446	0986017530	111680	0986018541	112217
0986015178	112536	0986016520	110210	0986017541	111312	0986018551	111442
0986015200	111030	0986016530	111130	0986017551	111459	0986018561	111508
0986015260	110851	0986016531	111130	0986017561	110323	0986018570	111931
0986015331	111387	0986016531	113443	0986017591	111550	0986018571	111931
0986015331	112336	0986016550	112555	0986017601	111445	0986018581	113605
0986015341	110386	0986016570	110585	0986017611	111565	0986018591	111251
0986015341	110719	0986016570	113481	0986017641	111544	0986018601	112214
0986015420	112041	0986016581	111303	0986017651	110158	0986018611	111905
0986015430	110980	0986016591	111608	0986017661	111459	0986018630	113267
0986015481	111182	0986016600	113753	0986017681	111311	0986018641	113262
0986015540	110368	0986016611	111114	0986017691	110158	0986018661	113261
0986015560	112817	0986016611	112541	0986017721	110958	0986018671	111124
0986015600	112308	0986016651	112213	0986017750	111793	0986018680	112006
0986015610	112454	0986016651	112214	0986017760	111910	0986018690	113649
0986015670	111231	0986016651	113024	0986017770	111685	0986018701	113649
0986015680	110347	0986016660	112818	0986017781	111420	0986018711	111730
0986015680	111000	0986016681	112083	0986017790	113931	0986018721	110808
0986015701	111214	0986016700	112166	0986017810	112224	0986018731	111476
0986015721	111543	0986016730	111060	0986017830	111909	0986018741	113665
0986015721	111546	0986016730	113644	0986017840	111641	0986018751	110708
0986015721	113022	0986016740	111805	0986017850	112117	0986018751	113936
0986015740	113745	0986016750	112306	0986017860	111640	0986018761	111550
0986015751	111312	0986016780	112309	0986017863	111640	0986018770	113761
0986015761	111386	0986016790	113750	0986017870	113468	0986018780	112581
0986015761	111564	0986016800	112307	0986017910	113749	0986018790	110212
0986015781	111447	0986016800	113750	0986017920	111848	0986018790	112118
0986015910	112125	0986016840	112013	0986017930	111994	0986018800	112437
0986015920	114318	0986016860	112459	0986017940	111823	0986018810	110532
0986015930	111421	0986016860	112819	0986017950	112454	0986018840	113286
0986015970	112286	0986016870	113752	0986017980	112055	0986018850	111347
0986015981	110807	0986016880	111848	0986017990	113979	0986018870	113299
0986016001	110811	0986016890	110847	0986018010	111123	0986018880	112445
0986016011	110810	0986016900	111619	0986018010	113276	0986018890	113292
0986016021	110575	0986016910	112308	0986018020	111995	0986018900	113430
0986016031	110574	0986016920	112553	0986018040	112005	0986018910	113303
0986016031	111805	0986016950	112053	0986018050	112080	0986018940	112430
0986016041	110719	0986016980	111900	0986018060	111817	0986018950	112441
0986016100	111983	0986016990	113387	0986018070	112034	0986018960	112436
0986016110	112131	0986017000	111900	0986018080	112040	0986018980	113182
0986016120	113443	0986017000	112286	0986018090	112116	0986018990	113468
0986016130	111129	0986017020	113451	0986018100	111983	0986019000	110206
0986016141	111070	0986017030	111422	0986018110	112171	0986019003	110206
0986016151	111136	0986017041	110365	0986018151	110615	0986019010	113277
0986016161	111274	0986017041	111585	0986018161	110819	0986019020	112071
0986016171	111136	0986017050	112116	0986018190	110824	0986019030	113346
0986016190	112167	0986017060	111906	0986018190	111010	0986019040	111015
0986016210	110354	0986017070	111906	0986018200	111059	0986019051	113023
0986016210	110441	0986017090	111636	0986018200	111748	0986019081	111305
0986016210	112439	0986017100	110212	0986018210	110839	0986019091	113040
0986016240	111694	0986017110	111911	0986018220	110867	0986019101	111506

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986019121	113665	0986021590	113962	0986030110	111948	0986030850	111767
0986019131	113649	0986021640	113935	0986030120	110899	0986030850	111891
0986019141	111455	0986021651	113254	0986030120	111180	0986030851	110914
0986019151	112033	0986021671	113929	0986030120	111418	0986030851	110925
0986019161	111455	0986021741	113927	0986030121	111180	0986030861	110925
0986019171	111679	0986021810	113959	0986030130	110641	0986030870	111656
0986019181	113750	0986021830	113430	0986030140	111662	0986030871	111656
0986019220	111456	0986021870	112444	0986030150	112098	0986030880	111166
0986019271	112295	0986022033	112320	0986030170	112098	0986030880	111656
0986019301	114123	0986022101	111849	0986030270	110113	0986030880	112805
0986019311	111556	0986022151	112380	0986030290	110766	0986030880	113376
0986019320	111693	0986022250	113859	0986030300	110116	0986030881	111166
0986019361	112320	0986022260	114073	0986030340	112098	0986030881	111467
0986019370	111396	0986022411	113962	0986030350	110887	0986030881	113376
0986019500	113282	0986022490	114052	0986030510	110990	0986030900	110972
0986019860	111724	0986022561	111374	0986030518	110990	0986030901	110972
0986019870	113276	0986022581	113925	0986030520	110895	0986030908	110914
0986019873	113276	0986022601	112322	0986030530	111139	0986030908	110972
0986019880	111492	0986022621	113965	0986030538	111139	0986030908	111168
0986019890	111909	0986022631	114119	0986030540	111139	0986030910	110914
0986019900	112533	0986022680	111346	0986030548	111139	0986030918	110914
0986019920	113281	0986022690	112365	0986030580	111652	0986030918	111168
0986019930	111685	0986022700	112370	0986030588	111652	0986030920	110972
0986019940	114051	0986022710	113446	0986030598	110357	0986030928	110972
0986019980	113446	0986022720	111912	0986030598	111652	0986030928	111168
0986020001	110443	0986022740	113445	0986030600	111652	0986030928	111800
0986020041	111241	0986022750	110462	0986030610	110360	0986030938	111168
0986020041	111242	0986022760	113662	0986030618	110360	0986030940	110612
0986020070	113759	0986022770	113327	0986030620	110913	0986030941	110612
0986020073	113759	0986022780	111307	0986030628	110913	0986030948	110612
0986020091	112103	0986022790	113933	0986030660	111141	0986030948	111035
0986020093	112103	0986022800	113897	0986030670	110877	0986030948	111148
0986020121	113256	0986022820	113329	0986030680	110877	0986030970	110890
0986020131	112474	0986022850	113794	0986030690	110876	0986030971	110890
0986020141	112475	0986022900	113756	0986030700	110877	0986030971	111686
0986020170	112498	0986022930	114127	0986030720	110358	0986030980	110890
0986020181	110461	0986022940	112822	0986030721	110358	0986030980	110912
0986020181	112251	0986022950	113361	0986030730	111085	0986030980	111138
0986020230	113773	0986022970	111349	0986030730	112753	0986030981	110912
0986020240	114163	0986022980	113851	0986030731	111085	0986030990	110897
0986020250	113842	0986023120	114054	0986030740	110360	0986030990	111155
0986020260	113841	0986023180	113702	0986030741	111083	0986030991	110897
0986020280	113509	0986023190	110565	0986030748	110360	0986030991	111155
0986020350	113513	0986023220	113937	0986030748	110913	0986031000	111075
0986020381	111305	0986023340	113445	0986030750	110913	0986031008	111075
0986020391	113040	0986023370	113796	0986030751	110913	0986031010	110726
0986020401	111971	0986023380	113911	0986030758	110913	0986031010	111652
0986020421	112370	0986023420	110576	0986030758	111083	0986031030	111652
0986020501	112300	0986023430	112823	0986030760	111289	0986031040	110357
0986020531	111455	0986023440	110439	0986030760	111362	0986031040	110911
0986020541	113314	0986023460	110447	0986030760	113474	0986031040	111652
0986020551	113339	0986023470	111552	0986030768	110770	0986031041	110911
0986020581	111874	0986023490	112388	0986030768	111289	0986031058	110178
0986020591	113938	0986023510	110443	0986030768	111362	0986031058	110759
0986020601	113757	0986023530	114074	0986030770	111289	0986031058	111289
0986020621	111463	0986023540	113323	0986030778	110969	0986031058	112683
0986020681	112368	0986023560	114071	0986030778	111086	0986031058	113378
0986020691	111382	0986023570	113906	0986030778	111184	0986031060	111652
0986020711	111485	0986023590	113672	0986030778	111289	0986031061	111652
0986020731	111970	0986023620	112340	0986030780	111086	0986031080	110730
0986020741	111728	0986023700	111103	0986030788	110969	0986031088	110730
0986020751	111549	0986023710	111021	0986030788	111086	0986031090	111153
0986020771	111785	0986023740	111630	0986030788	111289	0986031091	111153
0986020780	113515	0986023760	113909	0986030788	111364	0986031100	110360
0986020801	111023	0986023780	112304	0986030790	111289	0986031101	111083
0986020811	111473	0986023790	111088	0986030798	110612	0986031108	110360
0986020870	113276	0986023800	112014	0986030798	110911	0986031108	110913
0986020880	113608	0986023820	110442	0986030798	111185	0986031110	111083
0986020900	114162	0986023830	111982	0986030798	111289	0986031111	111083
0986021030	113761	0986023840	112366	0986030800	110179	0986031118	110357
0986021041	112026	0986023900	113318	0986030800	110759	0986031118	110913
0986021051	112218	0986023910	113314	0986030800	111086	0986031118	111083
0986021190	113760	0986023980	113521	0986030810	111178	0986031120	111096
0986021240	113843	0986024150	111306	0986030811	111178	0986031170	110357
0986021351	112821	0986024160	113325	0986030830	111166	0986031171	111652
0986021360	114093	0986024190	114095	0986030830	111178	0986031178	110357
0986021480	113891	0986024200	113719	0986030848	112271	0986031178	110969
0986021490	113934	0986024210	112382	0986030850	110077	0986031178	111652
0986021550	113963	0986030110	111649	0986030850	110925	0986031190	110112

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986031190	112784	0986032120	110890	0986033180	110919	0986033890	111148
0986031190	113477	0986032121	110349	0986033181	110919	0986033890	112719
0986031210	110911	0986032241	111071	0986033188	110919	0986033891	110882
0986031230	110116	0986032301	111289	0986033190	111652	0986033891	110912
0986031250	110043	0986032310	111072	0986033200	111653	0986033891	112719
0986031251	110043	0986032310	111144	0986033210	111652	0986033891	112768
0986031251	111834	0986032311	110744	0986033220	111289	0986033900	111799
0986031260	110766	0986032311	111072	0986033228	111289	0986033910	112760
0986031270	112098	0986032311	111144	0986033230	110890	0986033940	110770
0986031280	111667	0986032311	111171	0986033240	111289	0986033940	111289
0986031290	110751	0986032340	111078	0986033248	111289	0986033940	113574
0986031290	111141	0986032341	111078	0986033250	110612	0986033970	111156
0986031300	110751	0986032361	111144	0986033250	111035	0986033971	111156
0986031300	111141	0986032381	110137	0986033250	112719	0986033991	111082
0986031310	110113	0986032381	110138	0986033250	113473	0986034008	111072
0986031320	110117	0986032381	110258	0986033251	110612	0986034008	111172
0986031330	112736	0986032391	110137	0986033251	111035	0986034018	112725
0986031340	112097	0986032391	110138	0986033251	113473	0986034020	112734
0986031350	110759	0986032401	110137	0986033260	111074	0986034020	112785
0986031350	111289	0986032401	110138	0986033261	111074	0986034030	112734
0986031358	111289	0986032401	110258	0986033268	111074	0986034040	111652
0986031370	112732	0986032421	110138	0986033288	110923	0986034041	111652
0986031373	112732	0986032421	110139	0986033288	111093	0986034048	110357
0986031380	111289	0986032431	110128	0986033290	110923	0986034048	110911
0986031388	110759	0986032431	110129	0986033290	111093	0986034048	110919
0986031388	110968	0986032441	110129	0986033298	110923	0986034048	111652
0986031388	111185	0986032441	110131	0986033298	111093	0986034050	110923
0986031388	111289	0986032451	110128	0986033310	111289	0986034050	111093
0986031390	110880	0986032451	110133	0986033318	111289	0986034050	113866
0986031391	110880	0986032571	110138	0986033320	110105	0986034060	111093
0986031400	110358	0986032571	110139	0986033330	110766	0986034070	112288
0986031408	110358	0986032591	110138	0986033350	110913	0986034080	111147
0986031410	110611	0986032591	110139	0986033358	110913	0986034110	111147
0986031410	111138	0986032591	110248	0986033400	110895	0986034110	112729
0986031411	111138	0986032591	113048	0986033421	110274	0986034140	112730
0986031411	112768	0986032601	110140	0986033461	110138	0986034160	112798
0986031430	110358	0986032611	110318	0986033461	110258	0986034170	112740
0986031431	110358	0986032621	110134	0986033471	110267	0986034188	110107
0986031440	110875	0986032621	110168	0986033471	110703	0986034188	111948
0986031450	110761	0986032621	110383	0986033481	110128	0986034198	111074
0986031453	110761	0986032641	110136	0986033510	110113	0986034200	111289
0986031470	110360	0986032651	110168	0986033510	110761	0986034210	112779
0986031470	111083	0986032651	110264	0986033520	111629	0986034220	112149
0986031478	110360	0986032661	110168	0986033540	110766	0986034221	110919
0986031478	111083	0986032661	110307	0986033550	111629	0986034221	112149
0986031480	110767	0986032671	110458	0986033570	110113	0986034230	111539
0986031481	111652	0986032671	111777	0986033620	112288	0986034230	112149
0986031488	110767	0986032681	110168	0986033670	111093	0986034231	112149
0986031500	111652	0986032691	110273	0986033680	111093	0986034240	112735
0986031501	111652	0986032710	112742	0986033710	111149	0986034241	112149
0986031508	110357	0986032720	110076	0986033720	111149	0986034248	112735
0986031508	110975	0986032720	111834	0986033728	111093	0986034250	110902
0986031508	111652	0986032721	110076	0986033728	111149	0986034250	111152
0986031518	111652	0986032738	112729	0986033730	111093	0986034251	110902
0986031520	111653	0986032740	110920	0986033740	110923	0986034251	111152
0986031521	111652	0986032741	110920	0986033750	110923	0986034260	111141
0986031528	111653	0986032748	110754	0986033750	113866	0986034270	110906
0986031530	111653	0986032748	110920	0986033780	110358	0986034270	113920
0986031540	111670	0986032770	110975	0986033810	110923	0986034281	110136
0986031590	111629	0986032781	110350	0986033810	111093	0986034301	110383
0986031600	111629	0986032790	111076	0986033811	111093	0986034311	112270
0986031641	110744	0986032790	112162	0986033820	110116	0986034321	110250
0986031691	110178	0986032791	111076	0986033823	110116	0986034331	110138
0986031701	110178	0986032800	110358	0986033830	111364	0986034341	110563
0986031741	110769	0986032930	110881	0986033831	111364	0986034350	110112
0986031830	110754	0986032940	110881	0986033840	111528	0986034350	110902
0986031830	110975	0986032950	111085	0986033840	111658	0986034350	112784
0986031831	110754	0986033070	113469	0986033840	113477	0986034370	111658
0986031931	110743	0986033090	113611	0986033841	113477	0986034370	112345
0986031941	110745	0986033100	111146	0986033841	113477	0986034370	112345
0986031981	110144	0986033110	110990	0986033850	111364	0986034390	110348
0986032010	110745	0986033118	110990	0986033860	111086	0986034390	110350
0986032020	110743	0986033120	111147	0986033860	111364	0986034391	110348
0986032021	110743	0986033130	112730	0986033870	110919	0986034400	110895
0986032050	110916	0986033140	111149	0986033878	110919	0986034420	111419
0986032051	110916	0986033150	111149	0986033880	110882	0986034420	111987
0986032061	111075	0986033160	112729	0986033881	110882	0986034430	112747
0986032100	110611	0986033160	112798	0986033881	113838	0986034450	111164
0986032120	110349	0986033170	111147	0986033890	110890	0986034461	111800
				0986033890	110912	0986034468	111169

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986034468	111800	0986035010	111095	0986036048	111176	0986036770	113864
0986034468	112056	0986035018	111095	0986036048	113624	0986036780	111860
0986034470	110891	0986035018	111154	0986036058	112725	0986036780	112453
0986034473	110891	0986035020	112453	0986036060	110770	0986036780	112540
0986034480	111148	0986035041	110274	0986036060	111289	0986036790	112765
0986034490	110882	0986035061	110258	0986036060	111356	0986036800	111215
0986034500	111594	0986035101	110677	0986036060	111364	0986036800	113632
0986034500	111539	0986035101	111429	0986036063	111356	0986036810	111354
0986034501	111094	0986035111	110675	0986036071	111360	0986036820	111354
0986034508	111094	0986035111	110927	0986036071	113920	0986036820	112529
0986034508	111539	0986035131	110969	0986036110	111289	0986036831	112762
0986034510	112149	0986035141	110406	0986036150	111741	0986036841	110769
0986034511	112149	0986035141	110664	0986036150	113622	0986036851	112162
0986034518	111094	0986035141	111408	0986036160	112759	0986036851	112292
0986034518	111539	0986035151	110134	0986036191	111176	0986036860	111403
0986034518	112149	0986035181	110383	0986036198	110770	0986036860	113839
0986034520	110896	0986035201	110405	0986036198	111176	0986036861	111403
0986034520	111288	0986035211	110318	0986036211	111176	0986036861	113839
0986034520	112763	0986035211	111372	0986036211	113622	0986036871	110907
0986034521	112763	0986035211	111469	0986036230	112768	0986036880	111321
0986034530	110902	0986035301	111433	0986036240	112076	0986036880	111503
0986034531	111152	0986035321	112208	0986036241	112758	0986036880	113839
0986034550	110896	0986035331	112968	0986036250	112056	0986036881	111321
0986034558	110896	0986035341	112970	0986036260	112763	0986036891	112754
0986034558	111287	0986035371	110706	0986036268	111288	0986036901	111661
0986034560	111095	0986035391	110129	0986036268	111801	0986036920	111146
0986034560	111287	0986035391	110131	0986036268	112763	0986036930	110360
0986034570	111095	0986035401	110168	0986036280	111527	0986036941	113500
0986034570	112149	0986035401	110307	0986036280	112757	0986036941	113789
0986034600	111842	0986035401	110383	0986036281	111527	0986036951	111075
0986034610	112343	0986035411	110264	0986036301	110675	0986036961	110622
0986034620	110358	0986035411	112270	0986036301	111428	0986036991	111429
0986034621	110358	0986035430	110703	0986036331	112297	0986037011	111577
0986034630	112727	0986035431	110267	0986036350	112734	0986037031	110692
0986034631	112727	0986035431	110703	0986036350	112785	0986037040	111157
0986034640	111148	0986035451	110696	0986036360	112734	0986037061	110693
0986034650	111166	0986035461	110965	0986036370	112774	0986037070	111352
0986034650	111178	0986035461	111606	0986036390	112774	0986037071	110630
0986034651	111166	0986035491	110258	0986036441	110660	0986037110	110891
0986034660	112056	0986035501	110678	0986036471	110406	0986037120	111620
0986034661	112056	0986035501	110681	0986036471	110664	0986037120	111654
0986034668	110972	0986035501	111435	0986036471	111237	0986037121	111620
0986034668	111169	0986035501	111538	0986036480	111076	0986037130	111148
0986034668	111800	0986035501	111705	0986036480	112162	0986037130	113472
0986034668	112056	0986035511	110248	0986036480	113624	0986037130	113473
0986034700	112746	0986035521	110248	0986036481	112162	0986037140	111620
0986034700	112815	0986035601	110496	0986036490	112788	0986037150	111620
0986034710	112746	0986035601	110678	0986036501	110385	0986037150	111686
0986034730	110993	0986035601	111705	0986036510	111287	0986037160	111148
0986034731	110993	0986035630	111686	0986036530	111170	0986037160	113472
0986034740	111082	0986035631	111686	0986036538	111170	0986037170	111148
0986034740	112728	0986035641	111036	0986036540	111166	0986037201	110660
0986034741	111082	0986035641	111621	0986036540	111170	0986037201	110957
0986034741	112728	0986035670	111160	0986036561	111368	0986037201	112531
0986034780	111163	0986035690	110876	0986036581	110607	0986037210	112087
0986034781	111163	0986035700	112771	0986036581	111367	0986037221	110163
0986034781	111171	0986035710	111860	0986036581	111368	0986037241	111331
0986034801	111072	0986035710	112453	0986036581	111743	0986037261	110927
0986034801	111144	0986035720	112780	0986036581	111754	0986037271	111048
0986034801	111171	0986035760	110882	0986036590	110607	0986037281	111171
0986034810	112744	0986035760	111418	0986036590	111367	0986037291	112751
0986034811	112744	0986035760	113838	0986036590	111368	0986037301	111171
0986034818	112744	0986035770	112453	0986036590	111743	0986037311	113500
0986034821	110921	0986035810	112812	0986036590	111754	0986037311	113789
0986034830	111841	0986035841	110908	0986036611	110607	0986037321	111325
0986034831	111841	0986035871	110692	0986036611	111754	0986037321	112756
0986034841	110905	0986035890	112774	0986036631	111623	0986037340	112194
0986034850	111144	0986035901	110138	0986036631	111742	0986037380	112194
0986034851	111144	0986035901	110496	0986036641	110374	0986037380	112539
0986034851	111171	0986035901	110628	0986036641	110620	0986037410	110895
0986034861	110889	0986035910	113470	0986036651	110991	0986037420	111629
0986034871	112755	0986036000	111157	0986036660	112750	0986037440	113920
0986034890	112739	0986036010	111289	0986036690	111176	0986037450	110105
0986034891	112739	0986036010	111362	0986036690	111293	0986037450	113632
0986034910	111629	0986036020	110770	0986036701	112325	0986037491	110663
0986034940	113611	0986036020	111289	0986036750	111620	0986037491	110689
0986034990	111152	0986036020	111362	0986036750	111654	0986037491	111237
0986034990	111154	0986036041	111176	0986036750	111686	0986037511	110691
0986034990	112763	0986036041	113624	0986036770	112764	0986037531	112092

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986037581	111428	0986038481	111611	0986039330	112456	0986040290	111888
0986037651	111308	0986038491	111267	0986039340	112076	0986040310	111895
0986037691	111337	0986038501	110701	0986039350	111903	0986040320	111858
0986037701	110689	0986038501	111316	0986039360	111883	0986040330	111899
0986037731	110666	0986038551	111578	0986039370	111902	0986040340	111478
0986037760	112803	0986038571	111578	0986039390	111883	0986040350	113770
0986037770	112159	0986038581	111285	0986039400	112530	0986040360	111898
0986037781	110920	0986038591	111432	0986039431	112800	0986040360	111988
0986037791	111071	0986038600	112229	0986039450	112799	0986040370	112557
0986037791	111659	0986038603	112229	0986039460	112860	0986040380	111946
0986037791	112299	0986038610	111676	0986039471	111411	0986040400	111675
0986037801	111175	0986038610	113885	0986039471	111505	0986040410	112532
0986037811	111187	0986038621	111036	0986039471	113471	0986040461	111518
0986037831	111187	0986038621	113471	0986039481	112683	0986040471	111579
0986037831	111235	0986038630	112557	0986039490	111886	0986040481	111372
0986037841	111467	0986038650	111292	0986039501	111687	0986040491	111317
0986037871	112790	0986038660	112691	0986039510	113447	0986040501	111518
0986037880	112753	0986038680	111887	0986039513	113447	0986040511	110802
0986037880	112813	0986038690	112694	0986039520	111988	0986040521	111375
0986037890	110881	0986038710	110618	0986039530	111842	0986040531	111517
0986037901	111322	0986038711	110618	0986039540	112802	0986040541	111807
0986037901	111841	0986038730	110619	0986039550	113783	0986040561	111747
0986037901	112744	0986038740	112230	0986039570	111891	0986040581	111294
0986037911	111144	0986038740	112292	0986039630	112692	0986040600	112045
0986037970	112194	0986038740	112770	0986039650	111895	0986040600	113770
0986037970	112539	0986038751	112793	0986039660	112708	0986040621	111688
0986037981	110666	0986038771	112782	0986039690	112777	0986040631	111625
0986037990	112194	0986038781	112230	0986039690	113758	0986040631	113939
0986038003	110697	0986038781	112298	0986039700	113833	0986040641	111625
0986038011	110496	0986038781	112781	0986039711	110968	0986040651	111689
0986038011	111729	0986038781	113438	0986039720	112193	0986040671	111413
0986038030	111427	0986038781	113439	0986039740	111369	0986040681	111725
0986038041	110631	0986038791	112299	0986039740	112529	0986040681	113536
0986038041	110632	0986038791	112772	0986039743	111369	0986040691	113667
0986038050	112098	0986038801	112231	0986039750	111890	0986040830	112209
0986038060	111268	0986038811	114026	0986039760	111893	0986040850	111980
0986038070	111352	0986038831	111173	0986039780	111318	0986040860	113341
0986038080	111154	0986038838	111173	0986039790	112561	0986040870	111878
0986038090	112729	0986038841	111803	0986039800	112098	0986040880	111825
0986038100	112234	0986038851	112769	0986039810	113531	0986040900	113832
0986038100	112729	0986038861	112769	0986039820	111978	0986040910	111993
0986038100	112765	0986038861	113789	0986039831	113868	0986040930	112710
0986038130	113576	0986038871	112790	0986039851	111520	0986040940	111820
0986038151	111279	0986038901	112791	0986039860	113486	0986040950	111884
0986038160	111369	0986038910	111850	0986039870	112693	0986040960	111468
0986038170	111369	0986038930	110700	0986039881	111623	0986040990	111857
0986038170	112529	0986038930	111316	0986039881	111742	0986041030	113448
0986038176	112529	0986038930	112086	0986039891	112698	0986041040	112529
0986038180	112806	0986038940	111369	0986039931	112298	0986041060	112196
0986038200	112801	0986038940	112712	0986039941	112703	0986041080	112413
0986038211	110659	0986038950	111733	0986039951	113487	0986041090	110895
0986038220	111279	0986038960	113576	0986039961	111082	0986041100	112557
0986038230	111354	0986038970	111164	0986039961	112795	0986041110	111826
0986038260	112530	0986038990	112680	0986040001	111511	0986041110	113869
0986038281	110631	0986039030	112709	0986040021	112772	0986041120	111883
0986038290	111833	0986039060	111988	0986040031	111319	0986041140	113754
0986038300	112777	0986039080	113885	0986040041	111179	0986041150	112078
0986038310	112699	0986039090	111988	0986040041	111322	0986041153	112078
0986038320	112812	0986039100	111776	0986040051	111319	0986041160	112860
0986038330	112692	0986039100	112687	0986040061	112682	0986041170	111468
0986038330	112804	0986039130	111987	0986040081	112679	0986041190	112413
0986038330	112809	0986039140	111859	0986040091	111326	0986041200	113867
0986038330	112811	0986039150	112810	0986040141	112792	0986041210	111902
0986038340	112797	0986039150	112813	0986040151	112789	0986041220	111883
0986038351	111331	0986039170	112557	0986040170	113442	0986041230	112043
0986038351	112113	0986039180	113865	0986040180	111890	0986041240	111824
0986038370	111477	0986039200	112538	0986040190	112701	0986041250	113879
0986038370	111820	0986039210	111991	0986040191	112701	0986041260	111990
0986038380	111479	0986039210	112709	0986040201	112287	0986041270	112077
0986038390	111353	0986039220	113831	0986040210	112688	0986041280	113836
0986038390	112543	0986039230	112689	0986040211	112688	0986041290	112193
0986038401	111361	0986039240	111426	0986040220	111318	0986041300	111828
0986038421	110681	0986039240	111732	0986040221	111318	0986041310	112408
0986038421	110682	0986039250	111514	0986040231	111532	0986041320	111902
0986038431	112531	0986039250	112558	0986040241	111932	0986041351	111513
0986038451	110660	0986039260	111631	0986040241	112696	0986041361	112094
0986038460	111280	0986039260	111746	0986040260	112561	0986041381	112681
0986038471	110967	0986039300	113485	0986040270	111894	0986041401	113604
0986038471	111279	0986039321	111032	0986040280	111843	0986041411	112695

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986041421	111512	0986042350	112189	0986044000	112415	0986045561	111594
0986041451	111788	0986042380	113351	0986044010	113352	0986045581	112328
0986041461	112704	0986042390	113351	0986044020	113352	0986045591	112348
0986041480	113340	0986042400	113351	0986044030	112415	0986045601	112355
0986041490	112079	0986042410	113351	0986044060	112424	0986045621	111381
0986041500	111989	0986042420	112426	0986044070	113514	0986045631	111294
0986041510	113489	0986042470	112414	0986044210	111824	0986045641	111726
0986041520	113489	0986042490	112428	0986044280	111815	0986045651	112351
0986041530	112197	0986042520	113889	0986044290	111812	0986045681	113383
0986041530	113889	0986042530	113889	0986044300	112399	0986045691	113788
0986041550	113489	0986042540	112535	0986044310	113283	0986045711	112031
0986041570	112561	0986042550	113300	0986044320	113882	0986045731	113634
0986041580	110895	0986042560	113835	0986044330	113751	0986045751	111779
0986041590	112197	0986042570	113302	0986044340	112398	0986045771	111950
0986041600	111178	0986042580	113295	0986044370	113486	0986045791	111779
0986041610	111168	0986042583	113295	0986044380	113887	0986045871	111598
0986041610	111800	0986042590	113289	0986044400	112461	0986045881	112363
0986041620	111169	0986042593	113289	0986044420	111732	0986045891	112063
0986041620	111800	0986042600	112075	0986044430	113264	0986045921	111781
0986041620	112056	0986042620	113870	0986044460	113252	0986045930	112207
0986041620	112229	0986042640	112419	0986044470	113510	0986045941	112528
0986041630	111801	0986042650	113285	0986044530	113758	0986045951	112081
0986041630	112763	0986042660	113296	0986044540	112399	0986045981	111934
0986041640	111833	0986042670	113280	0986044550	111772	0986045990	112343
0986041650	111850	0986042680	112418	0986044571	112238	0986046000	112529
0986041660	111826	0986042690	113832	0986044581	110178	0986046010	112543
0986041660	113869	0986042700	112079	0986044581	111185	0986046030	112062
0986041730	112072	0986042710	112401	0986044591	110770	0986046040	112427
0986041740	112072	0986042720	112144	0986044591	111355	0986046050	113888
0986041750	112426	0986042740	112416	0986044601	110179	0986046060	113279
0986041760	112428	0986042741	112416	0986044611	112151	0986046070	113874
0986041771	111186	0986042750	111514	0986044621	111756	0986046081	113624
0986041781	111186	0986042760	113263	0986044631	112121	0986046090	113536
0986041790	111515	0986042770	112144	0986044651	112142	0986046150	112416
0986041791	111515	0986042780	113942	0986044661	111626	0986046160	113878
0986041793	111515	0986042790	113298	0986044661	111956	0986046190	113273
0986041800	111967	0986042800	112416	0986044671	112143	0986046200	114257
0986041810	112193	0986042810	113275	0986044691	112939	0986046220	113858
0986041830	111824	0986042830	112397	0986044701	111795	0986046240	113640
0986041840	112046	0986042840	113272	0986044761	112021	0986046250	114122
0986041850	112144	0986042850	111842	0986044791	110680	0986046260	113837
0986041860	112002	0986042853	111842	0986044811	110956	0986046270	113871
0986041870	112397	0986042861	112349	0986044821	111743	0986046280	114353
0986041890	113754	0986042871	111309	0986044841	112462	0986046320	113951
0986041900	112402	0986042881	111405	0986044850	112396	0986046340	113944
0986041910	112273	0986042891	110659	0986044900	113272	0986046351	111714
0986041920	112274	0986042901	110802	0986044940	112329	0986046361	111491
0986041930	112460	0986042911	112067	0986044960	111997	0986046371	113784
0986041940	112097	0986042921	111315	0986044970	112558	0986046381	111601
0986041950	112198	0986042941	111955	0986044991	111290	0986046391	111482
0986041960	112407	0986042951	111704	0986045001	111267	0986046421	112093
0986041970	112406	0986042981	110686	0986045031	112468	0986046431	112093
0986041980	112406	0986042991	111678	0986045073	111267	0986046440	114131
0986041990	112073	0986043021	111507	0986045081	110679	0986046460	111733
0986042000	112190	0986043031	111468	0986045083	110679	0986046480	111568
0986042031	111937	0986043041	111517	0986045101	113248	0986046560	113284
0986042041	112057	0986043051	111468	0986045103	113248	0986046570	113284
0986042071	112058	0986043061	111537	0986045130	113264	0986046590	113998
0986042081	113603	0986043091	112458	0986045160	113188	0986047160	111842
0986042091	112480	0986043101	112272	0986045170	113923	0986047163	111842
0986042111	111723	0986043111	111291	0986045181	111943	0986047210	113949
0986042121	111934	0986043113	111291	0986045211	111944	0986047240	113871
0986042141	111719	0986043121	111767	0986045221	113577	0986047320	112416
0986042151	111775	0986043130	112196	0986045241	112471	0986047360	113755
0986042171	111498	0986043141	111797	0986045251	113407	0986047370	114122
0986042181	112059	0986043151	112705	0986045261	113403	0986047400	113858
0986042191	111718	0986043480	113894	0986045270	111426	0986047520	113998
0986042201	112679	0986043650	113889	0986045290	113351	0986047530	113835
0986042211	112715	0986043660	112197	0986045300	113874	0986047540	113302
0986042241	111240	0986043680	111426	0986045340	113992	0986047573	112416
0986042261	110806	0986043683	111426	0986045360	113884	0986047751	111689
0986042271	110806	0986043730	112558	0986045370	113913	0986047840	114392
0986042281	111238	0986043890	113448	0986045380	113877	0986047870	110895
0986042291	112128	0986043900	112197	0986045420	113274	0986047910	113958
0986042301	112353	0986043910	112425	0986045490	113284	0986048030	113536
0986042311	111339	0986043931	111514	0986045500	113284	0986048150	111850
0986042331	111579	0986043941	111831	0986045511	111959	0986048180	113992
0986042331	112860	0986043981	112271	0986045541	112352	0986048263	114076
0986042341	111285	0986043990	112720	0986045551	111384	0986048301	114121

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986048303	114121	0986080130	113519	9000141104	111100	9120080118	111652
0986048320	113956	0986080140	113940	9000141107	110365	9120080120	110360
0986048323	113956	0986080160	112210	9000141108	110826	9120080135	111083
0986048343	113941	0986080170	111614	9000141111	110367	9120080139	110360
0986048530	112002	0986080180	111658	9000141112	110367	9120080148	110751
0986048541	113537	0986080190	113946	9000142003	110837	9120144105	110043
0986048611	112457	0986080220	112199	9000143400	110439	9120144111	110043
0986048771	113722	0986080230	113952	9000143406	110368	9120144114	110043
0986048781	113720	0986080240	113954	9000143408	110368	9120144118	110043
0986048791	113955	0986080250	111237	9000143501	111636	9120144119	110043
0986048911	113246	0986080260	112331	9000143601	110524	9120144201	110912
0986048921	113881	0986080270	113919	9000330119	110367	9120144202	110912
0986048980	113771	0986080280	112540	9000330910	110367	9120144208	111138
0986048990	113772	0986080300	110931	9000330922	110826	9120144209	111138
0986049051	111847	0986080320	113348	9000330929	111585	9120144228	111078
0986049051	114114	0986080340	114066	9000330937	110367	9120144229	111078
0986049061	113247	0986080350	113896	9000330939	110365	9120144238	110912
0986049071	113849	0986080380	114088	9000330948	111585	9120144239	110912
0986049081	113718	0986080430	113324	9000330950	110367	9120144240	111078
0986049101	113253	0986080470	114291	9000331201	111805	9120144241	111078
0986049121	114129	0986080530	113503	9000331203	111805	9120144242	110916
0986049141	113883	0986080540	111411	9000331406	114318	9120144243	110916
0986049151	113912	0986080590	114005	9000331411	112295	9120144254	110993
0986049171	113922	0986080610	114258	9000331419	110368	9120144255	110993
0986049181	113710	0986080630	111193	9000331420	112541	9120144259	110920
0986049191	113657	0986080640	113792	9000331421	114318	9120144260	110920
0986049201	113518	0986080650	113349	9000331424	114318	9120144265	110993
0986049221	114115	0986080670	113335	9000331426	112537	9120144266	110993
0986049243	110895	0986080690	111314	9000331430	114318	9120144267	112728
0986049253	112159	0986080780	113404	9000331702	111066	9120144268	112728
0986049293	112779	0986080820	112021	9000333104	110837	9120144269	110358
0986049303	113920	0986080830	112025	9000333106	110837	9120144270	110358
0986049320	114089	0986080840	112065	9000333109	111064	9120144277	111082
0986049370	113405	0986080850	111569	9000333112	111106	9120144278	112728
0986049380	110622	0986080860	112359	9000333114	111063	9120144279	112727
0986049390	112387	0986080870	112458	9000333115	110337	9120144280	112727
0986049400	113336	0986080880	112129	9000333116	110337	9120144283	111072
0986049410	113575	0986080900	111722	9000333117	110585	9120144284	111072
0986049420	111416	0986080910	113343	9000333118	111131	9120144285	111163
0986049430	112472	0986080920	112465	9000333119	111131	9120144286	111163
0986049460	113709	0986080970	113861	9000333121	110394	9120144289	111366
0986049500	113331	0986081000	114099	9000333122	110365	9120144290	111366
0986049510	111963	0986081030	112160	9000334102	110365	9120144295	112744
0986049520	113708	0986081050	112362	9000334103	111475	9120144296	112744
0986049540	113535	0986081140	114248	9000595801	110283	9120144302	112756
0986049550	113328	0986081200	113235	9000595824	110283	9120144303	112756
0986049560	113872	0986081230	114109	9000692050	111059	9120144605	112087
0986049570	113791	0986081240	113291	9000692051	110864	9120144606	112087
0986049620	111947	0986081250	113439	9000692062	110858	9120144610	112087
0986049630	113404	0986081260	113599	9000692069	110149	9120144611	112087
0986049640	113406	0986081270	113249	9000693013	110824	9120144615	112087
0986049700	112469	0986081310	113863	9000694029	111748	9120144616	112087
0986049710	113440	0986081350	113405	9004475058	110565	9120145002	111834
0986049720	113519	1020484017	113531	9004475300	111103	9120331301	110743
0986049730	112394	01124515033	113352	9004475310	110367	9120331502	110178
0986049740	111505	9000042021	110363	9007042015	113844	9120331854	111289
0986049750	112654	9000042027	110363	9007042016	113844	9120331864	111289
0986049760	113338	9000042034	110363	9007042024	110363	9120331872	111289
0986049800	113787	9000042057	111059	9007044002	110525	9120331881	110890
0986049830	110622	9000061017	111848	9007044014	110462	9120331882	110348
0986049840	111483	9000082009	110363	9007045009	111396	9120331901	110178
0986049850	113786	9000082021	111118	9007045016	111312	9120331913	110178
0986049860	112334	9000082039	111118	9007045018	113587	9120334317	111279
0986049870	112330	9000082040	111118	9007045020	111396	9120334318	111279
0986049880	111626	9000082050	110865	9007145009	111396	9120334625	112329
0986049890	111720	9000082059	110865	9120060023	113716	9120334626	112329
0986049900	110804	9000082061	112289	9120060027	111216	9120334627	112087
0986049910	112648	9000082082	111118	9120060028	113716	9120334628	112087
0986049930	112205	9000083028	110525	9120060031	114413	9120334631	112086
0986049940	112327	9000083054	110525	9120060033	114355	9120334632	112086
0986049960	114090	9000083065	110524	9120060038	113716	9120334633	112330
0986049980	113883	9000084008	110209	9120060041	111843	9120334634	112330
0986080010	112357	9000084018	110208	9120060042	113531	9120334635	112207
0986080020	112333	9000084019	110205	9120060891	114413	9120334636	112087
0986080030	113950	9000084024	110205	9120061100	110803	9120334638	112330
0986080040	114130	9000141015	111100	9120080061	111096	9120334640	112087
0986080050	111327	9000141100	110367	9120080088	110112	9120334641	113291
0986080110	113948	9000141101	110365	9120080089	110360	9120334642	112394
0986080120	111633	9000141103	110367	9120080114	110112	9120335000	111812

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>				<b>BOUS</b>			
9120335001	..111812	B001111010	..111347	AL0037X	..111675	AL17X	..111035
9120335002	..113786	B001111025	..110336	AL0038X	..112558	AL18X	..111620
9120450012	..111086	B001111100	..111347	AL0039X	..113154	AL193X	..112730
9120450018	..111086	B001111143	..111347	AL0053X	..112557	AL200X	..110681
9120484038	..114413	B001111158	..114118	AL0160X	..111354	AL202X	..110682
9120690078	..110318	B001111164	..111129	AL0161V	..112529	AL203X	..110137
9120690170	..110497	B001111217	..111751	AL0161X	..111369	AL204X	..110137
9120690291	..112735	B001111399	..113443	AL0162X	..111850	AL205X	..111435
9120690298	..112735	B001111475	..111030	AL0163X	..112530	AL209X	..110138
9120690438	..111094	B001116092	..111995	AL0168X	..112194	AL212X	..111480
9123320007	..111477	B001117012	..110839	AL0169X	..112194	AL214X	..110675
9123320016	..111478	B001117070	..110867	AL0177X	..112806	AL215X	..110138
9123369044	..111369	B001117071	..111060	AL0181V	..111477	AL217X	..110678
9124476014	..113474	B001117311	..112295	AL0181V	..111477	AL218X	..113077
9124476048	..112325	B001126016	..112221	AL0181X	..111477	AL219X	..110681
9124476602	..111795	B001126081	..112221	AL0182X	..112234	AL21X	..111226
9127041200	..112149	B001127041	..112236	AL0183X	..111676	AL222X	..110139
9127041201	..112149	B001180009	..110865	AL0184X	..111733	AL223X	..113048
9127041233	..110371	B001181007	..111059	AL0185V	..111352	AL22X	..111074
9127041241	..110371	B001181014	..111751	AL0185V	..111352	AL231X	..110128
9127041241	..111298	B001233104	..111120	AL0186V	..111353	AL232X	..110128
9127041242	..110371	B001233112	..111120	AL0186V	..111353	AL2345X	..112972
9129080088	..110112	B001233121	..111065	AL0187V	..111479	AL2346X	..110632
0120469860/875	..112453	B001233172	..111065	AL0187V	..111479	AL2347X	..112971
0120489369/370	..111094	B001233261	..111065	AL0710X	..112693	AL2348X	..111266
01220AA000	..112428	B001315183	..110838	AL0718X	..112806	AL2349X	..112969
01220AA0B0	..112428	B001329010	..110996	AL0719X	..112799	AL2352X	..111264
01220AA0D0	..112428	B001816326	..110524	AL0721X	..112806	AL2353N	..111264
01220AA0R0	..112428	B001860021	..112581	AL0722X	..111820	AL2353X	..111264
01220AA1A0	..112428	B001860023	..112581	AL0723X	..111988	AL2354X	..110631
01220AA1H0	..112426	B120310087	..111352	AL0724X	..112806	AL2355X	..113369
01220AA1J0	..112426	B120402702	..110902	AL0736V	..111946	AL2358X	..111958
01220AA1P0	..112428	B120411182	..111676	AL0744X	..112692	AL2361X	..111704
01220AA2A0	..112428	B120411204	..111352	AL0749X	..112687	AL2363X	..113197
0986AR0761	..113517	B120411528	..112680	AL0750	..112557	AL2364N	..113426
0986B05008	..114123	B120416351	..113285	AL0760X	..110618	AL2364X	..113426
0986B05009	..114123	B120421870	..111139	AL0761X	..113486	AL2365X	..113161
0986JR0383	..111451	B120421892	..112288	AL0762X	..112194	AL2369X	..113374
0986JR1046	..111728	B120500330	..112765	AL0763V	..111369	AL2370X	..111726
0986JR1252	..113819	B120500331	..112765	AL0763X	..112530	AL2371X	..111966
26025155A	..110536	B120500755	..112159	AL0780X	..112530	AL2373X	..113371
6004ML0002	..113568	B120510078	..112557	AL0781X	..112708	AL2375X	..113375
6004AA0003	..113613	B120510079	..112557	AL113M	..111652	AL2376X	..113373
6004AA0008	..113613	B120510214	..112558	AL113MX	..111652	AL2378X	..113425
6004AA0018	..113587	B120510510	..111895	AL113X	..111652	AL237X	..110129
6004AA0027	..113613	B120510614	..111898	AL114X	..111670	AL2380X	..113370
6004AA3014	..113900	B120516076	..113754	AL115X	..110990	AL238X	..110168
6004AA3015	..113815	B120600100	..111842	AL116X	..110877	AL2391X	..113372
6033AB1J00	..114304	BNG4/12	..110409	AL117X	..110875	AL2392X	..113427
6033G2019B	..111843	BNG4/12CR215	..110537	AL119X	..110759	AL2393X	..113419
6033G3020B	..111631	BNG4/12CR222	..111217	AL1261X	..113074	AL241X	..110307
6033G3073B	..111631	BNG4/12CR238	..110538	AL1262X	..113495	AL242X	..110264
6033GB2009	..111978	BNG4/12CR247	..110537	AL1263X	..111285	AL243X	..110458
6033GB3006	..112159	BNG4/24	..110512	AL1265X	..113088	AL246X	..112970
6033GB3010	..113448	BNG4/24CR165BR	..111249	AL1266X	..111285	AL247X	..112208
6033GB3019	..112561	BNG4/24CR165SR	..110601	AL1267X	..113166	AL249X	..112967
6033GB3020	..111631	BNG4/24CR231	..110512	AL1268X	..113080	AL24X	..110990
6033GB3021	..111746	BNG4/24CRS162	..110208	AL1269X	..113035	AL250X	..110680
6033GB3022	..112561	BNG4/24CRS163	..110512	AL1271X	..113162	AL254X	..110138
6033GB3023	..113448	BNG4/24CRS165BR	..111249	AL-1272X	..113645	AL256X	..111578
6033GB3027	..112561	BNG4/24CRS165SR	..110601	AL1273X	..113433	AL259X	..110677
6033GB3033	..111886	EGD1/12AR37	..111054	AL1275X	..113094	AL25X	..110913
6033GB3034	..111886	EJD3/12BR3	..110530	AL1276X	..113496	AL260X	..110136
6033GB3035	..113514	EJD3/12BR4	..111791	AL1277X	..113159	AL26X	..110360
6033GB3045	..113895	F000AL0101	..111931	AL1286X	..113628	AL271X	..112297
6033GB3047	..110895	F000AL0309	..114123	AL130X	..111170	AL272X	..110664
6033GB3053	..110895	F000AL0310	..114123	AL1358X	..113090	AL276X	..110703
6033GB3054	..112159	F000AL0319	..111422	AL139X	..111076	AL279X	..110405
6033GB3055	..110895	F000AL0320	..113962	AL157X	..112746	AL286X	..110318
6033GB3083	..113448	F000LD0108	..111096	AL165X	..112734	AL287X	..110140
6033GB4009	..113291	F002G10951	..111515	AL166X	..112774	AL28X	..110919
6033GB4018	..112394	F002G20485	..113843	AL167X	..111093	AL292X	..110179
6033GB4021	..112330	F004A94410	..114162	AL16X	..111289	AL293X	..110133
6033GB5007	..113786	F005A00020	..113716	AL171X	..111160	AL295X	..110178
6033GB5009	..113786	F005A00023	..111888	AL172X	..110902	AL298X	..110178
6333G3013B	..111987	F005A00024	..111843	AL173X	..112797	AL298X	..110178
B001110043	..112321	F005A00025	..113531	AL174X	..112777	AL29X	..112730
B001110097	..111848	F005M00001	..111848	AL176X	..112693	AL300X	..111185
B001110116	..111059	F010LD0201	..112698	AL179X	..112777	AL307X	..110138
		R007042024	..110363				

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AL308X	113028	AL4005X	110802	AL547X	110471	AL7530X	112935
AL313X	110968	AL4006X	110802	AL551X	110502	AL7532X	113553
AL318X	110179	AL4007X	110956	AL557X	110471	AL7533X	111308
AL3225X	110682	AL4008X	110804	AL559X	110471	AL7534X	112933
AL322X	110754	AL4009X	111406	AL561X	110492	AL7535X	112934
AL3230X	111536	AL400N	110931	AL562X	111252	AL7536X	112939
AL3234X	112102	AL400X	110931	AL564X	111395	AL7538X	112944
AL3236X	113077	AL4010X	110803	AL570X	112836	AL7540X	112943
AL3237X	113085	AL4013X	111375	AL575X	111157	AL7541X	112942
AL3241X	110496	AL4014X	110659	AL576X	112917	AL7543X	112946
AL3242X	111705	AL4015X	113034	AL577X	112836	AL7544X	112941
AL3243X	110274	AL4017X	111309	AL578X	112835	AL7546X	112940
AL3244X	113083	AL4018X	111806	AL586X	113050	AL7550X	112936
AL3245X	113092	AL4019X	113027	AL591X	111144	AL76X	110357
AL3247X	111678	AL401N	112693	AL592X	112755	AL79M	110357
AL3248X	113636	AL401X	111327	AL597X	112929	AL79X	110357
AL3249X	111518	AL4021X	113462	AL598X	111199	AL80X	110358
AL3251X	111435	AL4022X	113507	AL599X	113236	AL82X	111096
AL3252X	111435	AL4025X	110659	AL600X	112858	AL8560X	110235
AL3253X	110682	AL4026X	111406	AL611X	112855	AL8566X	112980
AL3254X	112860	AL4027X	111405	AL617X	112877	AL8567X	112893
AL3256X	113093	AL4040X	113652	AL618X	112878	AL8574X	112892
AL3257X	111965	AL404X	110956	AL623X	112880	AL8577X	112893
AL3258X	113090	AL4164X	111241	AL64X	112098	AL8578X	112875
AL326	110968	AL41X	110877	AL6505X	110471	AL8580X	112988
AL3260X	112181	AL4204X	113030	AL6508X	113066	AL8582X	112893
AL3261X	111468	AL4206X	112100	AL650X	110502	AL8590	110500
AL3262X	111518	AL4207X	111342	AL6510	111192	AL8591X	112643
AL3264X	111579	AL420X	112973	AL6511X	111191	AL8592X	110500
AL3265X	113081	AL4211X	111315	AL6519X	111530	AL8593X	110500
AL3267X	113089	AL4212X	111959	AL651X	110985	AL8594X	110500
AL3269X	113227	AL4213X	113463	AL6522X	113067	AL8597	111854
AL326X	110968	AL4215X	111237	AL6524X	112583	AL8598	110503
AL3270X	113078	AL4217X	111807	AL6525X	113235	AL8605X	110724
AL3273X	112102	AL4218X	111959	AL6526X	113071	AL8619X	112882
AL3274X	111517	AL421X	112973	AL6527X	113069	AL8646X	111202
AL3277X	112101	AL4221X	111787	AL6530X	113360	AL8647X	111486
AL3279X	113091	AL4300X	111611	AL6532X	113027	AL8648X	111390
AL3280X	111537	AL4301X	112031	AL6533X	113364	AL8659X	110984
AL3281X	113626	AL4306X	113634	AL6534X	113365	AL8663X	111220
AL3285X	111435	AL430X	110965	AL653X	110986	AL8666X	112859
AL3286X	113089	AL4330X	112979	AL6541X	113607	AL8670X	110500
AL3287X	111482	AL434X	113087	AL6543X	113606	AL8671X	110503
AL3289X	113089	AL4427X	110679	AL654X	111202	AL8679X	111220
AL3292X	113627	AL4428X	110675	AL6551X	111388	AL8685X	111389
AL329X	110769	AL4429X	112974	AL656X	112447	AL8690X	112883
AL32X	112149	AL4432X	113076	AL65X	110923	AL8691X	112884
AL330X	110769	AL4434X	112977	AL661X	111389	AL8692X	112885
AL333X	112744	AL4435X	112978	AL662X	110984	AL8695X	112886
AL334X	111322	AL4436X	110683	AL664X	112126	AL8697X	112888
AL336X	110630	AL4438X	113643	AL668X	110500	AL86M	110913
AL337X	110693	AL4439X	113366	AL66X	112734	AL86X	110360
AL33X	112729	AL4440X	113165	AL672X	111486	AL8700X	112613
AL341X	112968	AL4444X	113367	AL673X	112632	AL8701X	112614
AL343X	111433	AL44X	110876	AL675X	111090	AL8702X	111223
AL350X	110659	AL4500X	111279	AL676X	110498	AL8703X	111392
AL352X	111469	AL4501X	110967	AL677X	111220	AL8705X	113160
AL353X	113032	AL4502X	111279	AL67X	110923	AL8706X	111712
AL355X	112531	AL4503X	111779	AL680X	112449	AL8708X	112616
AL356X	110318	AL452X	113073	AL683X	111090	AL8709X	112642
AL359X	110659	AL475X	111535	AL69X	111139	AL8712X	112615
AL362X	111705	AL480X	110805	AL70X	111085	AL8717X	112868
AL363X	110496	AL5001N	111397	AL74X	110735	AL87X	110899
AL368X	111428	AL5002N	113477	AL7502X	112916	AL901X	110641
AL372X	113084	AL5003N	112112	AL7503X	112839	AL902X	111649
AL374X	110675	AL5004N	111510	AL7505X	110689	AL904X	111649
AL374X	110678	AL518X	110233	AL7507X	112843	AL905X	110641
AL380X	112270	AL519X	110233	AL7508X	112920	AL906X	110105
AL382X	111429	AL523X	110075	AL7509X	112922	AL910X	112742
AL383X	111577	AL530X	110075	AL7517X	112100	AL911X	110890
AL384X	110927	AL531X	110233	AL7519X	112915	AL913X	110882
AL385X	111432	AL532X	110233	AL7521X	112921	AL914X	110890
AL386X	111432	AL533X	110233	AL7522N	112923	AL920X	110766
AL387X	110675	AL534X	110234	AL7522X	112923	AL922X	110445
AL391X	110406	AL535X	110235	AL7523X	112924	AL923X	110138
AL394X	111408	AL536X	110235	AL7524X	112927	AL925X	111686
AL399X	110140	AL537X	110235	AL7525X	112932	AL926X	111141
AL4001X	110666	AL542X	110233	AL7527X	112928	AL930X	112097
AL4003X	110803	AL544X	110234	AL7529X	112936	AL9338X	111173

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOUS</b> <i>Continued</i>							
AL9339X	111156	SR1317X	113393	SR296X	113135	SR45X	111851
AL9342X	110908	SR131X	110277	SR297X	110810	SR46V	111347
AL9347X	112025	SR133X	110144	SR298X	110811	SR46X	111347
AL9348X	112025	SR135X	110144	SR299X	111246	SR47V	112440
AL9360X	112683	SR136X	110142	SR30X	110824	SR47X	111065
AL9361X	112094	SR137X	110308	SR3233X	111681	SR48X	110862
AL951X	110937	SR138FL	110256	SR3234X	111556	SR5002N	111404
AL952X	112260	SR138X	110155	SR3235	110411	SR5034N	111015
AL953X	112262	SR140X	110280	SR3235X	110411	SR5035X	111485
AL9909X	111843	SR141X	110277	SR3237X	113168	SR5037X	113668
AL9915X	110105	SR145X	110280	SR3238X	113173	SR5038X	110292
AL9937X	111232	SR147X	110279	SR3240X	113169	SR5040X	110617
AL9940X	112170	SR148X	110278	SR3241X	111784	SR5041X	110856
AL9941X	112773	SR149X	111441	SR3242X	113169	SR5050N	111334
AL9942X	111215	SR151X	110145	SR3243X	113170	SR506X	110229
AL9948X	112170	SR155X	110145	SR3245X	113119	SR509X	110228
AL9959X	111888	SR15X	110363	SR3248X	111984	SR50X	111109
AL9970X	111713	SR160X	110311	SR3250X	113109	SR513X	110227
S-2X	111103	SR165X	110158	SR3251X	113108	SR515X	110216
S-9329	113398	SR168X	110315	SR3252X	112033	SR516X	112897
SR0402X	111748	SR169X	110291	SR3254X	110323	SR518X	110216
SR0403X	111749	SR16X	110865	SR3255X	113434	SR520X	110218
SR0405X	112166	SR174X	111182	SR3256X	113171	SR521X	112897
SR0406X	110865	SR176X	111451	SR3258X	111550	SR523X	110414
SR0408X	111900	SR177X	110295	SR3259X	111550	SR524X	110414
SR0409X	111900	SR179X	110295	SR3260X	111556	SR525X	110221
SR0412X	112131	SR192X	111103	SR3261X	111556	SR526X	110216
SR0413X	112309	SR199X	110477	SR3262	111783	SR52X	110337
SR0416X	112321	SR19X	111061	SR3262X	113112	SR531X	110216
SR0417X	111817	SR205X	110367	SR3263X	110713	SR53X	110367
SR0418X	111900	SR210X	110290	SR3266X	113110	SR544X	110221
SR0424X	111909	SR211X	110149	SR32X	111270	SR547X	110216
SR0435X	112013	SR214X	110585	SR33X	111059	SR548X	111786
SR0438X	111489	SR215X	111066	SR34X	111060	SR551X	112963
SR0445X	111911	SR216X	110825	SR35X	111425	SR557X	110414
SR0456X	111347	SR219X	110866	SR37X	110160	SR558X	110221
SR0457X	111851	SR22	110996	SR38X	111112	SR558X	113102
SR0458X	111851	SR220X	110253	SR395X	111310	SR559X	112909
SR0463X	113282	SR221X	110253	SR397X	110477	SR561X	111490
SR0476X	110847	SR223X	111386	SR400X	110462	SR565X	112911
SR0483X	112818	SR2241X	113041	SR4101X	113229	SR566X	112910
SR100X	111425	SR2242X	112985	SR4102X	113234	SR572X	111127
SR103X	110152	SR224X	110397	SR4106X	113615	SR576X	111034
SR104X	110396	SR2262X	111608	SR4107X	110315	SR577X	112341
SR106X	110152	SR2264X	113614	SR4108X	110958	SR578X	113103
SR107X	110421	SR2265X	112368	SR4109X	111307	SR580X	111456
SR109X	110396	SR2266X	112844	SR4110X	111306	SR581X	111456
SR10X	111010	SR2267X	111312	SR4115X	111242	SR587X	112267
SR112X	110411	SR2268X	111382	SR4116X	113020	SR591X	112966
SR113X	110323	SR226X	110712	SR4119X	113638	SR594X	110842
SR115X	110399	SR2271X	113045	SR4120X	113521	SR597X	112965
SR117X	111551	SR2272X	111473	SR4121X	113638	SR598X	112006
SR122X	110152	SR2273X	111023	SR4157X	111305	SR59X	110869
SR123X	110396	SR227X	110712	SR4159X	111242	SR603X	112295
SR124X	110399	SR228X	110713	SR4164X	111241	SR604X	111349
SR125X	110290	SR229X	113106	SR4166X	111305	SR606X	111764
SR1286N	113408	SR230X	111446	SR4192X	111557	SR607X	111490
SR1286X	113408	SR231X	111544	SR4204X	111311	SR62X	110997
SR1287X	112213	SR232X	111551	SR4212X	113137	SR6400X	113613
SR1288X	113096	SR239X	110809	SR4213X	110810	SR6423X	113618
SR128X	113097	SR245X	111762	SR4215X	112215	SR6502X	113043
SR1290X	113025	SR248X	112983	SR4216X	111970	SR6503X	111492
SR1291N	113508	SR24X	110824	SR4220X	113138	SR6504X	111764
SR1291X	113508	SR252X	111488	SR4221X	110810	SR6506X	113044
SR1295X	113113	SR257X	110386	SR4223X	113616	SR6507X	113105
SR1297X	113111	SR258X	111459	SR4301X	111189	SR6508X	112845
SR1298X	113398	SR263X	113099	SR4303X	111182	SR6512X	112846
SR1299X	113396	SR265X	110709	SR4304X	111552	SR6513X	113115
SR129X	111386	SR269X	110708	SR4305X	113504	SR6516X	113117
SR1300X	113175	SR274X	113036	SR4308X	113646	SR6517X	113241
SR1303X	110312	SR278X	110578	SR437X	111489	SR6518N	113116
SR1305X	110249	SR280X	111442	SR4405X	113402	SR6518X	113116
SR1306X	113629	SR281X	110312	SR443X	112986	SR6519X	113114
SR1308X	113398	SR282X	110154	SR4500X	110394	SR6520X	112301
SR1310X	113392	SR283X	111546	SR4501X	110394	SR65X	110864
SR1311X	113390	SR284X	111543	SR4502X	111310	SR67X	110368
SR1312X	113617	SR285X	113022	SR4504X	110394	SR70X	110368
SR1313X	112213	SR28X	111069	SR4506X	111475	SR72X	110336
SR1316X	113394	SR294X	110808	SR454X	110587	SR74X	110870

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
SR7515X	110807	SR994ZX	112555	854477	111295	859437	111295
SR7516X	112584	SR9973X	112267	854494	110643	859438	111295
SR7519X	113216	SR9974X	110485	854667	113333	859440	111295
SR7520X	112030	SR9975X	110942	854670	113333	859471	110721
SR7521X	111844	SR9976X	112007	855236	113333	859500	111286
SR7522X	113222	SR99X	113095	855508	113333	859506	111399
SR7523X	113225			855689	111000	859534	111638
SR7524X	111370	<b>BRIGGS &amp; STRATTON</b>		855698	113333	859535	110527
SR7525X	113218	296028	111388	855705	110721	859536	110454
SR7526X	113223	390555	111388	855707	113333	859537	110524
SR7527X	112592	390838	110634	855873	113334	859538	111640
SR7529X	112276	391178	111804	856766	111286	859539	110523
SR7530X	112340	391423	110634	857038	113333	859542	110518
SR7531X	111374	392749	110634	857039	113333	859544	111295
SR7533X	112646	393017	110635	857040	113333	859605	111295
SR7534X	112235	393499	112563	857042	113333	859673	110643
SR7536X	113226	394674	110635	857043	113333	859820	110895
SR7538X	110808	394805	110634	857044	113333	859839	111286
SR7542X	111183	394807	111804	857466	110205	859883	110442
SR7543X	112599	394808	110635	857468	110210	859970	111286
SR7544X	112600	394943	112563	857470	110206	859983	112803
SR7547X	113220	396306	111804	857472	110527	860052	111295
SR7579X	111374	399160	112563	857475	110113	860100	113389
SR7586X	113703	399169	112563	857479	110113	860104	110517
SR84X	111104	399928	112242	857592	110643	860106	113380
SR8500X	112459	435307	110635	857594	110643	860109	110525
SR8527X	112911	453303	110634	857601	111296	860110	110980
SR8532X	112913	490420	112563	857606	110643	860115	110535
SR8538X	113679	494148	112563	857612	111295	860121	110208
SR8539X	112847	494198	112563	857621	111295	860123	111231
SR8540X	111127	494490	112563	857623	111296	860125	110582
SR8542X	112897	494900	112563	857626	111295	860130	110525
SR8543X	112904	494990	112563	857633	111295	860132	110210
SR8549X	112898	495100	112242	857638	111295	860134	112076
SR8551X	112912	495920	112563	857645	111296	860135	112345
SR8553X	112898	497401	112563	857663	113332	860140	110889
SR8554X	113122	497594	110634	857673	111286	860150	110077
SR8555X	112898	497595	110634	858085	111295	860151	112159
SR8560	112582	497596	110635	858259	113333	860155	110116
SR8560X	112582	498148	112242	858318	111640	860166	111629
SR8561X	112897	499521	112563	858370	113333	860170	111629
SR8573X	112911	499529	112563	858371	113333	860304	112055
SR8574X	112341	691262	112563	858372	113333	860305	111910
SR8580X	112900	691564	113539	858373	113333	860306	111886
SR8581X	112906	693054	110634	858441	110721	860321	111982
SR8583X	112907	693469	113539	858442	111000	860323	113342
SR86X	110838	693551	113853	858444	111000	860334	111000
SR87X	110858	795121	112563	858445	113333	860500	110205
SR901X	111755	808106	113539	858450	113333	860504	110208
SR90X	110826			858451	113333	860505	112119
SR911X	110522	<b>BUTEK</b>		858506	111000	860506	110210
SR912X	110536	110207	110207	858617	111286	860508	110206
SR913X	112670	585441	110721	858619	111296	860509	110981
SR914X	110529	850277	113333	858693	111295	860511	112116
SR915X	110524	850461	113334	858712	113333	860512	110980
SR916X	110531	850531	113334	858762	111574	860513	112117
SR917X	110534	850598	113334	858764	110454	860514	112118
SR918X	110537	850606	113333	858773	110116	860516	110582
SR91X	110338	850615	113334	858776	111355	860517	111983
SR9220X	110790	850773	113334	858780	110524	860520	112507
SR923X	110525	850935	113333	858787	110968	860542	110538
SR924X	113465	850996	113334	858878	110980	860544	110211
SR925X	113464	850998	113334	858879	112119	860548	110214
SR926X	110536	851002	113333	858880	112345	860551	111746
SR950X	111000	851004	113333	858881	110205	860558	112159
SR954X	110347	851022	113334	858882	111834	860559	112561
SR955X	110436	851062	110721	858885	110077	860560	112076
SR956X	112089	851078	111000	858900	113333	860562	112803
SR957X	111000	851122	111000	858979	111000	860568	112493
SR963X	110999	851124	110721	859021	110981	860603	112656
SR97X	111120	851291	113334	859022	111399	860627	111295
SR9936X	110206	851339	111000	859023	111568	860628	111295
SR9943X	110627	851360	113334	859284	110721	860629	111295
SR9944X	110626	851450	113334	859344	113333	860655	110535
SR9945X	110437	851606	110643	859385	110643	860714	114387
SR9946X	110486	851738	113333	859399	112656	860822	114193
SR9947X	110246	852563	113333	859411	111286	869371	113342
SR9948X	113725	852741	113333	859422	111097	870604	113453
SR9949X	110938			859432	111097	870607	110493

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BUTEC</b> <i>Continued</i>							
870640	113453	MS1-401C	111000	A49652	110300	2P5113	110427
870643	110454	MS1-403A	111000	K308650	110462	2S0900	110999
870644	110449	MS1-409A	113333	K956426	111364	2S900	110999
870645	112084	MS1A/12	110721	K957340	110818	2S945	110075
870646	111024	MS1A/20	111000	K957340EX	110818	32B66-00200	114169
870648	110566	MS1A/25	111000	L72955	110300	32B66-20100	114169
870649	112091	MS3	113334	M41595	110766	3E1864	111224
870651	110998	MS3/351A	113332	PBNA0103	110759	3E5127	110962
870653	112090	MS3/451A	113332	PO9415420	112170	3E5130	111028
870655	111097	MS3/502	113334	R36587	113511	3E5381	110944
870656	110452	MS3/503	113332	R39341	110627	3E5382	113237
870658	112091	MS3/51	113332	<b>CATERPILLAR</b>			
870660	110566	MS3-502	113334	25900	110999	3E7285	111888
870662	112655	MS4/400	112656	86385	110075	3E7863	112089
870663	111097	MS4/401	111286	347205	110233	3L8205	110347
880624	111295	MS4/405	111286	351940	110235	3N2702	1110801
880626	111295	MS4/406	111097	655293	113172	3N2706	110801
880655	111295	MS4-401	111286	676375	110569	3P0006	110999
858445/2	113333	MS4-403K	111286	1005047	111261	3P0007	110999
858772Z	110043	MS4-406	111097	2253145	113967	3P0110	110999
859477B	110176	<b>CARRIER</b>		3E0079	110961	3P3006	110999
859477PB	110176	29-50096	112249	OR1522	112260	3P3007	110999
859490PB	110175	30-00171-00	110408	OR1903	114280	3R7356	110999
859839PB	111286	30-00171-11	110408	OR2186	110999	3T1888	111261
859866Z	110173	30-00228-00	110408	OR2187	111000	3T2579	110999
869399Z	112656	30-00251-00	110164	OR2189	110436	3T2646	111000
880638Z	111808	30-00251-11	110164	OR2190	111000	3T2647	110999
880640Z	111972	30-00306-00	110408	OR2415	110591	3T2649	111000
880704Z	111976	30-00306-02	110408	OR2698	110801	3T2650	111000
880718Z	112019	30-00306-03	110408	OR2735	113695	3T2652	110999
A3024/13	110643	30-00306-04	110408	OR3653	113549	3T2654	111000
A3024/30	110643	30-00306-05	110408	OR3667	111261	3T2655	110436
A302413	110643	30-00308-00	112249	OR3669	111261	3T2657	110436
A4024/15	110643	30-00331-00	110164	OR4263	113695	3T2659	110436
A5524/30	111295	30-00349-01	110371	OR4316	110941	3T2660	110999
A5524/37	111295	30-00351-00	110408	OR4321	114268	3T2772	110999
A5524/46	111295	30-00351-02	110408	OR5202	112260	3T2775	112254
A5524/49	111296	30-00351-03	110408	OR5203	112261	3T2780	110347
A5524/56	111295	30-00351-04	110408	OR5204	112263	3T2785	110347
A5524/58	111295	30-00351-05	110408	OR5205	112263	3T2787	110347
GR45/2	111286	30-00363-00	110371	OR5206	111261	3T2788	112254
LNA4024/0	110643	30-00363-03	110371	OR5207	110999	3T2879	112089
LNA4024/8	110643	30-00393-00	110371	OR5208	110436	3T3152	111000
LNA5524/0	111295	30-00393-02	110371	OR5209	111000	3T3153	111000
LNA5524/1	111295	30-00423-00	110371	OR5210	110801	3T3154	112089
LNA5524/2	111295	30-50307-00	110371	OR5211	110436	3T3778	110347
LNA7524	110173	30-60050-04	114084	OR5212	110801	3T4581	110999
LNA7524/1	110173	<b>CASE</b>		OR5218	110436	3T4582	110999
LNS2800	112267	2852405	114196	OR5270	110999	3T4584	110999
LNS2810	111041	86982709	113725	OR5347	112089	3T4586	110999
LNS2820	110602	185046380	113562	OR8279	112160	3T5649	110626
LNS2830	110590	114799A1	111885	OR9700	114043	3T6305	110999
LNS4524	111286	125849A1R	112773	100-5045	111261	3T6352	110801
LNS4524/4	111097	1273112C91	110933	100-5046	111261	3T7070	112260
LNS4524/5	112656	1987559C1	113725	100-8224	111793	3T8208	110962
LNS4524/6	111286	202360T91	112773	105-2811	114218	3T8210	110437
LNS4524/7	111097	202386T91	110436	105-2812	114218	3T8942	112254
LNS4524/9	111399	3218239EX	110641	107-7977	112160	3T8945	112254
MS1	113333	3218544EX	112098	109-2362	113186	3T8947	110347
MS1/100	110721	3218577EX	111662	132-2156	112160	3T8949	110347
MS1/400A	110721	3218884EX	110766	143-0541	114268	3T8954	110347
MS1/401A	111000	3228193EX	111752	144-9952	114043	3T8959	110346
MS1/410A	113333	3229193EX	111752	144-9954	114043	3T8967	110347
MS1/411AZ	111000	327121A1	112531	147-7166	114280	3Y6691	110801
MS1/453	111100	529965R92	112660	160-4648	114168	3Y8200	110801
MS1-100	110721	91448C2	112773	1L8174	111000	3Y8852	110999
MS1-101	111000	92294C1	111364	1N9406	112263	4L9547	112089
MS1-103	111000	957340EX	110818	1P7112	112254	4N0956	112089
MS1-109	113333	A130672Z	111713	225-3141	113763	4N0957	111000
MS1-110	113333	A169694	112169	225-3148	114387	4N0959	110347
MS1-119	113333	A170746	113725	225-3149	114388	4N3181	110999
MS1-124	111000	A186180	112135	235-3145	113967	4N3182	110999
MS1-130	113333	A187623	111843	2M1431	112254	4N3273	112254
MS1-300C	110721	A187728	113429	2M1464	112254	4N3343	110347
MS1-400A	110721	A187873	111888	2N3538	110436	4N3347	110999
MS1-400C	110721	A47090	113511	2N5599	110233	4N3348	110999
MS1-401	111000			2P1204	110427	4N3349	110347
MS1-401A	111000			2P1698	110427	4N3350	110999
				2P2501	110999	4N3387	112254
						4N3986	112261

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4N3987	112263	8C3647	110999	1285622	112019	1320F183	110454
4N4540	110138	8C3648	110436	1320015	110449	1320F513	110449
4N7901	110999	8C3649	111000	1320023	110449	1320F515	110449
4N8118	111000	8C3650	110999	1320027	110449	1320F515M	110450
4N956	112089	8C3651	110999	1320029	110449	1320F552	112084
4N957	111000	8C4774	110944	1320035	110450	1320F621	110493
5A6494	110999	8C5580	110436	1320036	110450	1320F720	111024
5A6495	110999	8H1813	111000	1320114	110452	1320F810	110449
5A6522	110999	8L5881	110436	1320183	110454	1320F906	110452
5A8908	110801	8L8205	110347	1320510	110449	1320G027	110449
5L2537	111000	8L8206	112089	1320513	110449	1320G035	110450
5L2637	111000	8N0999	110591	1320515	110449	1320G036	110450
5L3648	110347	8N1694	111190	1320552	112084	1320G114	110452
5L4160	112089	8N2145	110999	1320582	110452	1320G183	110454
5L4168	112089	8T4618	110961	1320621	110493	1320G515	110449
5L4169	112089	8T8619	110961	1320702	111024	1320G552	112084
5L4405	110347	9G4337	110999	1320906	110452	1320G621	110493
5L5353	110347	9G4339	110999	1321021	110566	1320G720	111024
5L537	111000	9G5584	111000	1321022	110566	1320G906	110452
5L5667	112089	9G5585	111000	1321023	110566	1320G934	112248
5L5867	112089	9G6078	110325	1321033	112091	1320H027	110449
5L637	111000	9G6941	111224	1321182	110998	1320H114	110452
5L648	110347	9G8255	110801	1321184	110998	1320H183	110454
5LG48	110347	9G9538	110591	1321511	110566	1320H720	111024
5N5692	110801	9L2200	110346	1321513	110566	1320H906	110452
5R3155	110999	9L2507	112243	1321780	110527	1320H934	112248
5R3857	110999	9L3597	110436	1321916	111097	1321D033	112091
5S9088	111261	9L5417	110346	1327010	110449	1321D551	112090
5Z1083	110591	9L5938	112260	1327011	110449	1321D552	112090
6N1889	111000	9L6200	112089	1327020	110450	1321F022	110566
6N3122	111000	9L6463	112260	1327040	112655	1321F033	112091
6N3160	111000	9L6464	110347	1327060	110454	1321F183	110998
6N5217	110801	9L6484	110347	1327061	110454	1321F551	112090
6N5468	110427	9L6691	111000	1327090	111024	1321F780	110527
6N9249	110801	9M1662	110999	1327410	110566	1321F904	110527
6N9294	110801	9N0435	111000	1327470	111097	1321F916	111097
6N9667	110347	9N0453	111000	1327471	111097	1321F929	113453
6N9677	110347	9N0716	112089	1327480	111097	1321G022	110566
6T0640	110347	9N0721	112089	1327490	110998	1321G033	112091
6T0647	110347	9N716	112089	1327570	111798	1321G183	110998
6T1193	110235	9S4070	110427	1327571	111798	1321G551	112090
6T1395	113549	9S4870	110427	1327590	111097	1321G916	111097
6T7001	110941	9S6693	111261	1327591	111097	1321G934	112090
6T7003	111028	9W0058	110436	1327620	111097	1321G936	112372
6T7223	111261	9W2946	113237	1327621	111097	1321G938	113453
6V0890	110347	9W3748	110944	1403000	110206	1321H022	110566
7C2264	110961	9X0341	111843	2311040	110347	1321H033	112091
7G7889	112989	9X1270	112327	2311210	110205	1321H183	110998
7L8797	111000	OR4321	114268	2996101	110527	1321H936	112372
7N0923	111224	OR9698	114043	2998000	110525	1327A010	110449
7N4784	111796	OR9705	114168	2998001	110524	1327A011	110449
7N4787	111796	OR9938	114271	2998002	111638	1327A020	110450
7N6118	111796	PX0341	111843	2998003	111636	1327A021	110450
7N6503	110436	SL8206	112089	2998004	110527	1327A024	110450
7N8404	111190	<b>CAV</b>		2998006	110214	1327A030	112084
7N8405	112007	1266450	111295	2998007	110531	1327A031	112084
7N9720	110801	1266530	111295	2998008	110207	1327A040	112655
7S5897	110427	1266720	111295	2998009	110209	1327A041	112655
7T0794	111000	1268030	111810	2998010	110210	1327A060	110454
7T0798	110999	1268580	111295	2998011	110206	1327A061	110454
7T0799	110999	1268590	111295	2998054	110112	1327A080	112248
7T0800	111000	1268610	111295	2998055	110116	1327A081	112248
7T0801	111000	1268620	111295	2998056	110043	1327A090	111024
7T0806	111000	1268650	111295	2998150	111000	1327A091	111024
7T1081	110436	1268660	111295	2998200	110529	1327A120	110452
7T1082	110999	1268690	111295	2998201	110518	1327A121	110452
7T1799	110999	1277610	112392	2998230	112097	1327A141	112579
7T2095	113549	1277640	111629	1268590C	111295	1327A410	110566
7T2265	110436	1277670	111833	1268590M	111295	1327A411	110566
7T9254	110436	1277680	112343	1268600M	111295	1327A421	110566
7X0994	113428	1277690	111842	1268630M	111295	1327A430	112091
7X1057	113172	1277720	111842	1320D183	110454	1327A431	112091
8C356	110436	1277750	112392	1320F022	110449	1327A440	112090
8C3592	112089	1277970	111859	1320F027	110449	1327A441	112090
8C3593	112089	1285505	111808	1320F028	110449	1327A470	111097
8C3596	110436	1285523	111972	1320F035	110450	1327A471	111097
8C3597	110999	1285529	111972	1320F036	110450	1327A481	111097
8C3644	111000	1285531	111972	1320F114	110452	1327A490	110998
8C3645	111000			1320F182	110454	1327A491	110998

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CAV Continued</b>				<b>CHEVROLET</b>			
1327A500	112372	CA45G12-11M	110452	219251	114114	4419308	111425
1327A501	112372	CA45G12-124M	112084	56005686	113068	4419311	111425
1327A570	111798	CA45G12-125M	112248	96289030	114114	4419312	111425
1327A571	111798	CA45G12-18	110454	96314258	114114	4419340	111456
1327A591	111097	CA45G12-2	110449	96450663	111848	4439474	113095
1327A600	112027	CA45G12-3	110450	96469962	113860	4467185	111456
1327A601	110207	CA45G12-3M	110450	96469963	111684	4557209	111425
1327A620	111097	CA45G12-51	110449	96473777	111848	4557284	111456
1327A690	113453	CA45G12-55M	112084	96540541	114350	4557301	113064
1327A691	113453	CA45G12-62	110493	96540542	114412	4557384	111456
132D906	110452	CA45G12-72	111024	96566262	114114	4557432	111813
132F906	110452	CA45G12-95	110452	96567255	114114	4557466	111396
132F916	111097	CA45G12-95M	110452	96647521	114503	4557468	111396
132G906	110452	CA45G24-112	111097	96647521	114503	4557709	111492
AC203R11524-12	111808	CA45G24-124M	112090	96838439	114412	4609003	112447
AC203R11524-22	111972	CA45G24-125M	112372	96843578	111123	4609010	113105
AC203R11524-26	111972	CA45G24-12M	113453	96866020	114235	4609011	112845
AC203R11524-29	111972	CA45G24-18	110998	96943429	113860	4609034	113066
AC203RA	111976	CA45G24-2	110566	96952006	111123	4609058	112846
AC5RS-24	111295	CA45G24-3M	112091	96952007	111848	4609075	113027
CA4512-11	110452	CA45G24-55M	112090	96954113	114412	4609090	113066
CA4512-18	110454	CA45H12-11M	110452	96963482	111849	4609093	113066
CA4512-2	110449	CA45H12-125M	112248	96963483	113860	4609101	111529
CA4512-3	110450	CA45H12-18	110454	<b>CHRYSLER</b>			
CA4512-51	110449	CA45H12-2	110449	480955	110636	4609125	111529
CA4512-51A	110449	CA45H12-3M	110450	523318	113052	4609300	113027
CA4512-62	110493	CA45H12-72	111024	616955	110636	4609320	111259
CA4512-72	111024	CA45H24-125M	112372	2095150	110223	4609345	114328
CA4512-Y3M	110450	CA45H24-18	110998	2098500	110223	4609346	113242
CA45-12Y72	111024	CA45H24-2	110566	2642121	110074	4609415	113067
CA4524-112	111097	CA45H24-3M	112091	2875560	110223	4609703	113115
CA4524-18	110998	S1115A12-3	110450	2875844	110074	4609999	113365
CA4524-2	110566	S11424-18	111798	3000010	110074	4671041	111530
CA45C12-18	110454	S11512-2	111024	3131371	110231	4671084	111456
CA45C12-51	110454	S11512-3M	110450	3131372	110231	4671130	111425
CA45C24-2	110566	S11512-5	112655	3182774	110509	4671320	113069
CA45D12-18	110454	S11512-9	110454	3438176	110236	4672108	112816
CA45D12-2	110449	S11524-1	110566	3438177	110236	4686019	111815
CA45D12-2M	110449	S11524-18X	111578	3438178	110236	4686021	111814
CA45D12-3	110450	S11524-2	110566	3438179	110236	4686045	111492
CA45D12-51	110449	S11524-20	111097	3438180	110236	4686098	112583
CA45D12-55M	112084	S11524-20X	111097	3514308	110236	4686099	113235
CA45D12-72	111024	S11524-23	111097	3621860	110236	4686104	113117
CA45D12-95M	110452	S11524-23X	111097	3621861	110236	4686109	111492
CA45D12-Y51	110449	S11524-4M	112090	3621866	110236	4686111	113241
CA45D24-18	110998	S11524-7	111097	3621866	110236	4727036	111814
CA45D24-2	110566	S11524-7X	111097	3621867	110236	4727206	112195
CA45D24-3M	112091	S11524-8	111097	3656130	110236	4727220	112583
CA45D24-55	112090	S11524-9	110998	3656131	110236	4727221	113235
CA45F12-11M	110452	S115A12-1	110449	3656395	110236	4727325	113235
CA45F12-18	110454	S115A12-11M	112248	3656397	110236	4727329	113235
CA45F12-2	110449	S115A12-12	111024	3656455	110236	4741012	113114
CA45F12-3	110450	S115A12-15M	110452	3656459	110236	4746639	113114
CA45F12-3M	110450	S115A12-2	111024	3656570	110236	4763794	114632
CA45F12-51	110449	S115A12-3M	110450	3656575	110223	4793110	111396
CA45F12-51A	110449	S115A12-4M	112084	3656650	110223	4793189	111530
CA45F12-55M	112084	S115A12-5	112655	3755250	110222	4793190	111530
CA45F12-62	110493	S115A12-9	110454	3755259	110223	4793210	111396
CA45F12-72	111024	S115A24-1	110566	3755413	110236	4793493	113613
CA45F12-95M	110452	S115A24-11M	112372	3755585	112848	4793692	113360
CA45F12-Y11M	110452	S115A24-18	111798	3755900	110223	4793804	113587
CA45F12-Y18	110454	S115A24-20	111097	3780589	110236	4796981	112301
CA45F12-Y2	110449	S115A24-21	110207	3856713	110236	4808034	113066
CA45F12-Y3M	110450	S115A24-23	111097	3874777	110236	5206971	110514
CA45F12-Y51	110449	S115A24-29	111097	4091002	112848	5206981	110514
CA45F12-Y72	111024	S115A24-30M	113453	4091460	112848	5212190	113095
CA45F12-Y81	110449	S115A24-3M	112091	4091461	112848	5213045	113095
CA45F12-Y83	110454	S115A24-4M	112090	4091950	110222	5213049	113095
CA45F24-112	111097	S115A24-7	111097	4091975	110223	5213053	110514
CA45F24-121	113453	S115A24-8	111097	4111860	110222	5213079	110514
CA45F24-18	110998	S115A24-9	110998	4145360	110222	5213450	113095
CA45F24-2	110566	S115HD24-1	110206	4145568	110222	5213540	110514
CA45F24-3M	112091	S130L24-21	110205	4339474	113095	5213541	110514
CA45F24-47	110566	Z1320F183	110454	4349144	111764	5213590	113095
CA45F24-55	112090	Z1320F515	110449	4364944	111191	5213645	113095
CA45F24-55M	112090	Z1320F621	110493	4379143	111764	5213762	110514
CA45F24-Y2	110566	Z1320F720	111024	4379144	111456	5213763	110514
CA45F24-Y55M	112091			4379144	111456	5223449	111191
CA45F24-Y78	110527			4379160	111764	5226135	110514



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
5226444	111425	04727313AA	114283	<b>CITROËN → PEUGEOT</b>		3901365	112267
5226742	113095	04801250AB	114042	<b>CLARK</b>		3901386	112267
5226842	111425	04801250AC	114042	807950	110947	3904445	112267
5226844	111764	04801250AD	114042	896892	110175	3904466	113725
5226948	111456	04801250AA	114042	911410	110947	3905480	112267
5227248	111456	04868430AB	113803	918306	113668	3907622	110436
5227282	111425	04868430AC	113803	920670	111272	3908594	112169
5227342	111425	04868430AD	113803	2355692	111190	3909913	112267
5227548	111456	04868430AE	113803	2355695	110942	3910564	112372
5227672	113050	04868430AF	113803	2817056	111699	3910643	112255
5233006	111425	05033125AB	114237	3737270	111793	3910644	112243
5233007	111425	05033125AA	114144	6632415	110942	3910645	110436
5233416	111193	05033163AC	113613	<b>CLAAS</b>		3910646	110999
5233417	111191	05033556AA	113613	1053560	110525	3911343	114420
5233418	113052	05033757AB	113884	1322450	110537	3916854	112267
5233449	111191	05033757AA	113884	1326150	110537	3918376	113452
5233599	111192	38522264F	113235	6853810	110525	3918377	111760
5233608	113051	38522267F	114300	7901820	111649	3918558	112993
5233660	111192	38522276F	114243	<b>CUMMINS</b>		3920328	113429
5233672	113053	4606622AA	113027	111640	110801	3920329	112544
5233673	111191	4609300AC	113027	157579	110436	3920403	113725
5233718	111193	4609346AB	113242	185617	110436	3920615	111232
5233949	111191	4609999AB	113365	195827	112089	3920616	111232
5233973	111191	4686045AB	114135	195828	112089	3920617	112160
5234026	111193	4686045AC	114135	195829	112089	3920618	112160
5234027	111193	4727313AC	114283	195830	112089	3920643	113725
5234028	113054	4727325AA	113235	195833	112089	3920678	112170
5234029	113055	4727329A	113235	195834	112089	3920679	111888
5234031	111193	4727329AA	113235	195835	112089	3921012	113429
5234032	113056	4793692AB	113360	197125	110436	3921682	113114
5234033	113060	4868430AB	113803	203176	111261	3923550	110801
5234199	111194	5033125AB	114237	203179	111261	3923624	112493
5234201	113064	5033125AA	114144	204559	113724	3926932	111760
5234208	113058	5033133AB	113613	213298	112260	3926960	113725
5234260	113059	5033133AC	113613	213299	112260	3935070	112267
5234361	113043	5033133AA	113613	214169	110300	3935530	112160
5234374	113061	5033556AB	113613	214318	110591	3947412	113001
5234509	111492	5033556AC	113613	554560	110436	3964428	113725
5234648	111456	5033556AA	113613	2031179	111261	3972732	114536
5234651	111192	5033757AB	113884	3000346	112263	3972734	114536
5243449	111191	5170746AA	113607	3004699	112254	3975137	112372
5243949	111191	54041012AC	111349	3004700	112254	4063829	114396
5252539	113052	56005684AB	113357	3008988	112262	4936876	114536
5334509	111492	56005685AB	113063	3016627	110801	30000347	110173
33002709	111349	56005685AC	113358	3016628	112989	87419387	113429
33002941	112447	56005686AB	113363	3021036	111000	504065529	110175
33003511	111486	56021012AB	111349	3021038	110347	3000347RX	112261
38522276	114243	56027221AB	113362	3043007	112255	3010125RX	110347
38522303	112420	56027702AB	113120	3043008	112255	3016627RX	110801
44193080	111456	56027702AC	113120	3043010	112243	3016627RX	110801
53002898	110986	56027703AC	113619	3056492	112265	3575205RX	110485
53004632	112855	56027912AB	113359	3062333	112264	3603848RX	111261
53005984	111764	56027913AB	113364	3072483	112265	3603851RX	112260
56004934	113044	56027913AC	113364	3078116	110591	3603852RX	112303
56005684	111193	56028238AB	113564	3102767	114013	3603853RX	110300
56005685	113063	56028715AD	114638	3103304	113550	3603854RX	112262
56005686	113068	56028920AB	113364	3103914	113918	3603857RX	110957
56007912	112833	56041012AB	111349	3103915	113550	3603858RX	110957
56026851	111114	56041012AE	111349	3251135	112160	3603859RX	110957
56027221	113061	56041013AB	114238	3255439	110895	3603860RX	110177
56027317	111349	56041013AC	113047	3279496	110436	3603862RX	111000
56027350	111490	56041021AD	111349	3282554	111843	3603863RX	112089
56027702	113116	56041136AB	113642	3283214	112544	3603864RX	110436
56027904	112301	56041207AB	113618	3283329	112267	3603865RX	112258
56027912	112833	56041207AC	113618	3283330	112267	3603866RX	110346
56027913	113071	56041207AD	113618	3283721	114397	3603868RX	112089
56028238	113568	56041324AC	113559	3283812	111885	3603888RX	110347
56028691	113606	56041394AA	111194	3283813	113429	3604225RX	110591
56028715	114637	56041579AB	114279	3283814	112544	3604233RX	110999
56041012	111349	56041641AC	113642	3283815	112170	3604234RX	110957
56041013	112301	56041641AD	113642	3283816	111885	3604321RX	111000
56041014	111349	56041693AB	113607	3283817	111885	3604323RX	110436
56041207	113618	56041693AC	113607	3283818	113429	3604473RX	112989
56041324	113559	56041693AA	113607	3283819	112544	3604475RX	110505
59005685	113063	56041822AA	113358	3604648	112267	3604476RX	110952
560277002	113116			3604654	113452	3604481RX	112267
04686045AB	114135			3610942	112089	3604482RX	112267
04686111AC	114135			3675245	113429	3604483RX	112255
04727313AC	114283			3864990	114396	3604484RX	110999
						3604485NW	113725

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CUMMINS</b> <i>Continued</i>							
3604485RX	113725	1735788	112055	27060-87601-000	111437	021000-0472	110138
3604660NW	113725	1739935	114073	27060-87602-000	111437	021000-0501	110138
3604663RX	112023	1739936	113934	27060-87603-000	111610	021000-0503	110137
3604666AX	112824	1826121	114073	27060-87608-000	111610	021000-0505	110138
3604666RX	112993	1843852	114073	27060-87701-000	110374	021000-0506	110138
3604669RX	110499	1876369	114073	27060-87704-000	110374	021000-0507	110138
3604676RX	110801			27060-87705-000	110374	021000-0508	110138
3604679RX	112263	<b>DAEWOO</b>		27060-87707-000	111278	021000-0511	110138
3604684RX	113114	219170	114114	27060-87709-000	111278	021000-0513	110138
3604784RX	110999	219232	113685	27060-87714-000	111610	021000-0516	110138
3675109RX	112998	219251	114114	27060-87719-000	112212	021000-0518	110138
3675121RX	112255	25026005	113457	27060-87721-000	111610	021000-0529	110138
3675147RX	110488	25026006	113458	27060-97203-000	113306	021000-0549	110137
3675154NW	113725	96190262	113349	27060-97705-000	110374	021000-0591	110138
3675154RX	113725	96221945	113498	28100-15070-000	110290	021000-0642	110138
3675191RX	114631	96252115	113498	28100-72010-000	110397	021000-0810	110138
367520RX	111760	96258990	113349	28100-72080-000	110397	021000-0811	110138
3675242RX	112160	96275481	111849	28100-87316-000	111525	021000-0812	110138
3675247RX	112544	96288095	113349	28100-87401-000	112369	021000-0813	110138
604662RX	112544	96289030	114114	28100-87526-000	111088	021000-0814	110138
CCA0220	110175	96289430	113860	28100-87548-000	111088	021000-1080	110138
		96300550	113350	28100-87601-000	110473	021000-1081	110138
<b>CUSHMAN</b>							
883282	113014	96303556	113350	28100-87603-000	111464	021000-1082	110138
883285	113014	96314258	111847	28100-87709-000	111447	021000-1083	110138
884218	113014	96314258	114114	28100-87710-000	110400	021000-1084	110138
884932	113014	96380673	111847	28100-87713-000	110400	021000-1240	110137
884982	113014	96380673	114114	28100-87715-000	111548	021000-1241	110137
885002	113014	96404263	114114	28100-87719-000	111449	021000-1242	110137
888919	110421	96430344	111123	28100-87721-000	110400	021000-1320	110138
893191	113014	96430345	111848	28100-87729-000	111548	021000-1321	110138
		96450663	111848	28100-87730-000	111548	021000-1322	110138
		96467385	111849	28100-87731-000	111548	021000-1330	110138
		96469960	111123			021000-1331	110138
		96497700	111849	<b>DELCO → REMY</b>			
		96497702	113860			021000-1332	110138
		96518124	111847	<b>DENSO</b>			
		96518124	114114	0726801000	111865	021000-1340	110138
		96518887	111849	021000-0046	110138	021000-1342	110138
		96540541	114350	021000-0047	110138	021000-1343	110138
		96540542	114412	021000-0064	110138	021000-1361	110138
		96550782	111684	021000-0064	110138	021000-1362	110138
		96566261	114114	021000-0081	110137	021000-1363	110138
		96566262	114114	021000-0124	110137	021000-1370	110138
		96567255	114114	021000-0132	110138	021000-1602	110137
		96569440	111849	021000-0133	110138	021000-1608	110137
		96618789	111849	021000-0134	110138	021000-1800	110138
		96943428	111849	021000-0140	110248	021000-1830	110138
		65.26201-7039	111683	021000-0160	110137	021000-1840	110138
		65.26201-7044	112502	021000-0180	110138	021000-1860	110138
		65.26201-7049	113456	021000-0183	110138	021000-1861	110138
		65.26201-7050	112344	021000-0184	110138	021000-1870	110138
		65.26201-7059	111683	021000-0186	110138	021000-1871	110138
				021000-0187	110138	021000-1970	110138
		<b>DAIHATSU</b>		021000-0240	110138	021000-2470	110139
		27020-13010-000	110138	021000-0247	110138	021000-2490	110137
		27020-13110-000	110274	021000-0249	110137	021000-2500	110137
		27020-13140-000	110274	021000-0250	110137	021000-2640	110138
		27020-13160-000	110274	021000-0296	110137	021000-2840	110258
		27020-15022-000	110273	021000-0318	110138	021000-2960	110137
		27020-22011-000	110137	021000-0318	110138	021000-2990	110137
		27020-24061-000	110138	021000-0320	110882	021000-2991	110137
		27020-24062-000	110138	021000-0327	110138	021000-3030	110138
		27020-26021-000	110138	021000-0340	110138	021000-3040	110137
		27020-31051-000	110137	021000-0351	110137	021000-3061	110137
		27020-72030-000	110248	021000-0360	110138	021000-3180	110138
		27020-87102-000	110137	021000-0361	110138	021000-3500	110138
		27020-87103-000	110137	021000-0362	110138	021000-3520	110258
		27020-87209-000	110137	021000-0363	110138	021000-3541	110138
		27020-87216-000	110258	021000-0364	110138	021000-3600	110138
		27040-64052-000	110685	021000-0369	110138	021000-3610	110138
		27040-64150-000	110685	021000-0370	110138	021000-3620	110138
		27060-87104-000	111595	021000-0371	110138	021000-3630	110138
		27060-87112-000	111437	021000-0372	110138	021000-3640	110138
		27060-87201-000	111048	021000-0426	110138	021000-3641	110138
		27060-87202-000	111048	021000-0441	110248	021000-3660	110138
		27060-87211-000	111951	021000-0457	110137	021000-3671	110138
		27060-87212-000	111951	021000-0457	110137	021000-3690	110138
		27060-87501-000	111048	021000-0459	110137	021000-3700	110138
		27060-87502-000	111048	021000-0460	110138	021000-3710	110138
				021000-0461	110138	021000-3720	110138
				021000-0462	110138	021000-3721	110138
				021000-0470	110138		

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
021000-3731	110138	021000-6900	110258	028000-2263	110396	028000-4540	110296
021000-3760	110138	021000-6980	111042	028000-2330	110396	028000-4541	110296
021000-3780	110138	021000-7250	110258	028000-2560	110260	028000-4543	110296
021000-3790	110138	021000-7260	110138	028000-2570	110152	028000-4580	110145
021000-3830	110139	021000-7410	110445	028000-2571	110152	028000-4730	110940
021000-3840	110139	021000-7420	110445	028000-2572	110152	028000-4750	110152
021000-3950	110139	021000-7910	110273	028000-2660	110152	028000-4810	110154
021000-4271	110563	021000-7911	110273	028000-2661	110152	028000-4811	110154
021000-4510	110563	021000-7920	110138	028000-2662	110152	028000-4812	110154
021000-4550	110258	021000-7931	110138	028000-2664	110152	028000-4900	110296
021000-4570	110137	021000-7932	110138	028000-2665	110152	028000-4940	110296
021000-4590	110137	021000-7940	110138	028000-2670	110152	028000-4950	110296
021000-5010	110138	021000-7970	110138	028000-2680	110152	028000-4980	110145
021000-5011	110138	021000-7971	110138	028000-2681	110152	028000-4990	110720
021000-5020	110138	021000-8011	110138	028000-2682	110152	028000-4991	110720
021000-5030	110138	021000-8020	110138	028000-2870	113490	028000-5040	111224
021000-5040	110138	021000-8021	110138	028000-2871	113490	028000-5100	110296
021000-5046	110138	021000-8030	110138	028000-3000	110152	028000-5170	110159
021000-5050	110138	021000-8090	110274	028000-3001	110152	028000-5200	110831
021000-5051	110138	021000-8120	110137	028000-3004	110152	028000-5201	110831
021000-5060	110138	021000-8130	110258	028000-3005	110152	028000-5210	110831
021000-5070	110138	021000-8140	110258	028000-3006	110152	028000-5290	110421
021000-5080	110138	021000-8160	110258	028000-3090	110396	028000-5300	110507
021000-5081	110139	021000-8210	110139	028000-3100	110396	028000-5400	110336
021000-5110	110138	021000-8230	110273	028000-3290	111224	028000-5401	110336
021000-5111	110138	021000-8231	110273	028000-3291	111224	028000-5410	110336
021000-5130	110138	021000-8250	110274	028000-3292	111224	028000-5430	110145
021000-5131	110138	021000-8270	110248	028000-3295	111224	028000-5470	110145
021000-5141	110138	021000-8271	110248	028000-3360	110245	028000-5490	113428
021000-5150	110138	021000-8310	110248	028000-3361	110245	028000-5500	111262
021000-5160	110138	021000-8311	110248	028000-3440	113491	028000-5530	110474
021000-5180	110138	021000-8330	110274	028000-3441	113491	028000-5531	110474
021000-5190	110248	021000-8420	111796	028000-3500	110421	028000-5532	110474
021000-5230	110139	021000-8620	110258	028000-3501	110421	028000-5560	111262
021000-5240	110138	021000-8640	110258	028000-3600	110396	028000-5561	111262
021000-5250	110139	021000-8680	110137	028000-3601	110396	028000-5570	114336
021000-5280	110138	021000-9260	110274	028000-3602	110396	028000-5580	110708
021000-5290	110138	021000-9510	110374	028000-3603	110396	028000-5581	110708
021000-5410	110138	021000-9560	110137	028000-3604	110396	028000-5620	110474
021000-5411	110138	021000-9561	110137	028000-3700	110152	028000-5690	110474
021000-5490	110137	021000-9851	111613	028000-3710	110152	028000-5720	110159
021000-5600	110137	021000-9930	111613	028000-3730	110402	028000-5730	110485
021000-5670	110258	021000-9980	111484	028000-3770	110154	028000-5740	110421
021000-5900	110138	028000-0197	110154	028000-3800	110421	028000-5750	110159
021000-5910	110138	028000-0370	110152	028000-3830	110421	028000-5751	110159
021000-5950	110138	028000-0510	110260	028000-3950	110152	028000-5800	110486
021000-5960	110138	028000-0960	110941	028000-3960	110152	028000-5820	110141
021000-6000	113048	028000-1010	110154	028000-4000	110411	028000-5821	110411
021000-6010	113048	028000-1011	110154	028000-4001	110411	028000-5822	110411
021000-6020	113048	028000-1012	110154	028000-4020	110411	028000-5860	110490
021000-6030	113048	028000-1013	110154	028000-4021	110411	028000-5861	110490
021000-6110	110138	028000-1080	110154	028000-4022	110411	028000-5862	110490
021000-6120	110273	028000-1081	110154	028000-4023	110411	028000-5863	110490
021000-6370	110258	028000-1082	110154	028000-4024	110411	028000-5864	110490
021000-6510	110138	028000-1083	110154	028000-4200	110720	028000-5880	110627
021000-6550	110139	028000-1220	110295	028000-4201	110720	028000-5881	110627
021000-6610	110139	028000-1623	110396	028000-4240	110296	028000-5882	110627
021000-6611	110139	028000-1730	110152	028000-4241	110296	028000-5883	110627
021000-6612	110139	028000-1740	110152	028000-4242	110296	028000-5884	110627
021000-6630	110139	028000-1850	110421	028000-4243	110296	028000-5890	110581
021000-6631	110139	028000-1940	110396	028000-4270	110152	028000-5891	110581
021000-6632	110139	028000-1941	110396	028000-4320	110296	028000-5900	110260
021000-6640	110139	028000-1970	110154	028000-4322	110296	028000-5901	110260
021000-6641	110139	028000-1971	110154	028000-4323	110296	028000-5992	110411
021000-6642	110139	028000-1972	110154	028000-4330	110152	028000-6000	110399
021000-6643	110139	028000-1973	110154	028000-4331	110152	028000-6001	110399
021000-6670	110273	028000-1974	110154	028000-4332	110152	028000-6010	110490
021000-6671	110273	028000-1975	110154	028000-4340	110396	028000-6011	110490
021000-6710	110139	028000-1976	110154	028000-4341	110396	028000-6012	110490
021000-6711	110139	028000-2000	110152	028000-4342	110396	028000-6013	110490
021000-6712	110139	028000-2001	110152	028000-4343	110396	028000-6030	111458
021000-6732	110139	028000-2150	110421	028000-4440	110152	028000-6031	111458
021000-6770	110139	028000-2151	110421	028000-4490	110152	028000-6040	111458
021000-6771	110139	028000-2240	110421	028000-4491	110152	028000-6041	111458
021000-6800	110273	028000-2241	110421	028000-4510	110411	028000-6140	110246
021000-6840	110258	028000-2250	110396	028000-4511	110411	028000-6200	110580
021000-6850	110137	028000-2260	110444	028000-4512	110411	028000-6201	110580
021000-6851	110137	028000-2261	110396	028000-4520	111021	028000-6202	110580
021000-6861	110137	028000-2262	110396	028000-4532	110396	028000-6250	110940

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
028000-6260	110720	028000-7240	110581	028000-9160	113214	100211-0850	113637
028000-6261	110720	028000-7241	110581	028000-9220	111385	100211-0860	110801
028000-6290	110473	028000-7242	110581	028000-9221	111385	100211-0890	112261
028000-6291	110473	028000-7290	110159	028000-9260	110397	100211-0950	113637
028000-6292	110473	028000-7307	111387	028000-9261	110397	100211-1000	111705
028000-6300	111548	028000-7370	111387	028000-9270	110411	100211-1001	111705
028000-6360	110399	028000-7372	111387	028000-9320	111458	100211-1010	111705
028000-6361	110399	028000-7373	111387	028000-9321	111458	100211-1011	111705
028000-6362	110399	028000-7430	113429	028000-9330	110474	100211-1030	111428
028000-6420	110152	028000-7431	113429	028000-9331	110474	100211-1040	110496
028000-6421	110152	028000-7460	110421	028000-9381	110397	100211-1041	110496
028000-6422	110152	028000-7461	110421	028000-9470	111088	100211-1050	110675
028000-6440	110573	028000-7462	110421	028000-9500	111447	100211-1060	110678
028000-6460	114336	028000-7470	110421	028000-9501	111447	100211-1061	110678
028000-6510	110402	028000-7471	110421	028000-9510	110400	100211-1080	110677
028000-6511	110402	028000-7480	110245	028000-9570	110421	100211-1081	110677
028000-6540	111451	028000-7481	110245	028000-9592	111387	100211-1090	111428
028000-6550	111451	028000-7520	110154	028000-9670	111386	100211-1091	111428
028000-6560	113428	028000-7521	110154	028000-9680	110253	100211-1140	110678
028000-6561	113428	028000-7530	110152	028000-9720	110253	100211-1141	110678
028000-6600	110145	028000-7550	110411	028000-9730	113099	100211-1150	111428
028000-6610	111458	028000-7560	110260	028000-9760	113130	100211-1170	111705
028000-6700	111458	028000-7561	110260	028000-9770	113214	100211-1171	111705
028000-6701	111458	028000-7570	110411	028000-9800	111451	100211-1180	110675
028000-6710	111458	028000-7600	110295	028000-9830	110962	100211-1200	110678
028000-6711	111458	028000-7620	110396	028000-9831	110962	100211-1201	110678
028000-6800	110152	028000-7621	110396	028000-9860	110396	100211-1230	110678
028000-6801	110152	028000-7640	110485	028000-9900	111310	100211-1231	110678
028000-6802	110152	028000-7660	110708	028000-9901	111310	100211-1260	110675
028000-6803	110152	028000-7680	110831	028000-9902	111310	100211-1261	110927
028000-6810	110152	028000-7681	110831	028000-9940	111561	100211-1270	110927
028000-6811	110152	028000-7700	111458	100210-2210	111613	100211-1271	110927
028000-6812	110152	028000-7711	110336	100210-2211	111613	100211-1278	110927
028000-6813	110152	028000-7790	111683	100210-2250	111613	100211-1280	110628
028000-6820	110154	028000-7791	111683	100210-2251	111613	100211-1300	110678
028000-6821	110154	028000-7792	111683	100210-2290	111484	100211-1321	110496
028000-6822	110154	028000-7810	110581	100210-2302	111596	100211-1330	110679
028000-6823	110154	028000-7830	110938	100210-2570	111613	100211-1331	110679
028000-6860	110708	028000-8050	110290	100210-2860	111613	100211-1341	110496
028000-6870	110708	028000-8070	110708	100210-2861	111613	100211-1361	113084
028000-6871	110708	028000-8071	110708	100210-2960	111597	100211-1381	110927
028000-6872	110708	028000-8072	110708	100210-2980	111596	100211-1400	110374
028000-6880	110708	028000-8180	111458	100210-2991	111613	100211-1401	110374
028000-6881	110708	028000-8220	113097	100210-3270	111483	100211-1402	110374
028000-6882	110708	028000-8221	113097	100210-3350	111483	100211-1410	110965
028000-6890	110708	028000-8230	110626	100210-3360	111483	100211-1411	110965
028000-6891	110708	028000-8320	110447	100210-3381	111615	100211-1440	110628
028000-6892	110708	028000-8321	110447	100210-3400	111483	100211-1470	110696
028000-6893	110708	028000-8322	110447	100210-3410	111615	100211-1500	111428
028000-6910	110708	028000-8370	111386	100210-3410	111615	100211-1500	111428
028000-6920	111224	028000-8371	111386	100210-3460	111483	100211-1550	110965
028000-6921	111224	028000-8380	110437	100210-3470	111615	100211-1560	110628
028000-6930	110296	028000-8400	110942	100210-3480	111615	100211-1570	110967
028000-6960	111022	028000-8401	110942	100210-3580	111483	100211-1571	110967
028000-6961	111022	028000-8402	110942	100210-3660	112054	100211-1573	110967
028000-6962	111022	028000-8403	110942	100210-3680	111483	100211-1600	110628
028000-6970	111022	028000-8404	110942	100210-3760	112054	100211-1601	110628
028000-6980	111022	028000-8404	110942	100210-3770	111483	100211-1610	111048
028000-6980	111022	028000-8410	112246	100210-3810	111483	100211-1611	111048
028000-7000	111683	028000-8411	112246	100210-3820	111483	100211-1620	111616
028000-7001	111683	028000-8430	110245	100210-3821	111483	100211-1630	111048
028000-7002	111683	028000-8431	110245	100210-3840	112054	100211-1640	111048
028000-7003	111683	028000-8432	110245	100210-4620	114372	100211-1650	111048
028000-7004	111683	028000-8460	110145	100211-0010	111796	100211-1650	110620
028000-7110	111053	028000-8570	111451	100211-0014	111796	100211-1661	110620
028000-7111	111053	028000-8580	110295	100211-0071	110445	100211-1662	110620
028000-7120	111053	028000-8581	110295	100211-0080	110445	100211-1670	113921
028000-7121	111053	028000-8730	110402	100211-0081	110445	100211-1680	111048
028000-7131	113199	028000-8760	111387	100211-0140	110140	100211-1910	114361
028000-7132	113199	028000-8761	111387	100211-0142	110140	100211-2000	111428
028000-7133	113199	028000-8762	111387	100211-0230	111796	100211-2001	111428
028000-7170	113095	028000-8890	110421	100211-0280	110445	100211-2010	111429
028000-7171	113095	028000-9010	110154	100211-0281	110445	100211-2011	111429
028000-7172	113095	028000-9020	110152	100211-0290	110445	100211-2020	111705
028000-7210	110145	028000-9030	111197	100211-0291	110445	100211-2021	111705
028000-7220	110583	028000-9031	111197	100211-0292	110445	100211-2022	111705
028000-7221	110583	028000-9032	111197	100211-0780	113806	100211-203	113077
028000-7222	110583	028000-9090	110402	100211-0781	113806	100211-2030	113077
028000-7230	110583	028000-9091	110402	100211-0782	113806	100211-2031	113077
028000-7231	110583	028000-9140	114337	100211-0790	110445	100211-2040	111705

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
100211-2050	110675	100211-3560	110496	100211-6051	111215	100211-7830	111780
100211-2070	110681	100211-3590	111578	100211-6060	113085	100211-7840	111780
100211-2071	110681	100211-3591	111578	100211-6110	112102	100211-7850	111782
100211-2072	110681	100211-3600	111578	100211-6170	113495	100211-7861	111536
100211-2080	111428	100211-3610	110496	100211-6190	113496	100211-7870	111729
100211-2100	110675	100211-3630	110678	100211-6270	110965	100211-7910	111435
100211-2102	110675	100211-3640	110683	100211-6350	113085	100211-7911	111435
100211-2110	111428	100211-3660	111578	100211-6360	112102	100211-7930	111480
100211-2120	110967	100211-3661	111578	100211-6390	113090	100211-7950	110683
100211-2130	110676	100211-3680	111428	100211-6410	112181	100211-7951	110683
100211-2140	111429	100211-3690	113073	100211-6420	111830	100211-7952	110683
100211-2141	111429	100211-3740	110496	100211-6440	113090	100211-8020	110681
100211-2150	111577	100211-3760	110496	100211-6520	113637	100211-8030	110682
100211-2151	111577	100211-3800	111279	100211-6600	110967	100211-8031	110682
100211-2170	110678	100211-3810	111279	100211-6640	111278	100211-8050	111705
100211-2200	111606	100211-3870	111578	100211-6660	111437	100211-8060	111538
100211-2201	111606	100211-3880	111578	100211-6710	110967	100211-8070	111428
100211-2210	110927	100211-3890	111578	100211-672	110967	100211-8090	111705
100211-2221	110679	100211-3930	111578	100211-6720	110967	100211-8120	111705
100211-2230	110679	100211-3980	111595	100211-6721	110967	100211-8130	111705
100211-2231	110679	100211-4000	110564	100211-6730	111437	100211-8230	111435
100211-2250	111428	100211-4001	110564	100211-6790	111278	100211-8330	111435
100211-2280	110496	100211-4002	110564	100211-6800	113200	100211-8340	111435
100211-2290	110679	100211-4003	110564	100211-6801	113200	100211-8370	112746
100211-2300	110496	100211-4004	110564	100211-6860	110628	100211-8380	111538
100211-2320	110496	100211-4070	110965	100211-6930	111018	100211-8381	111538
100211-2370	110678	100211-4071	110965	100211-6931	111018	100211-8392	111536
100211-2380	110678	100211-4080	110374	100211-6940	112252	100211-8410	111781
100211-2410	110675	100211-4120	110374	100211-6941	112252	100211-8440	111538
100211-2450	110675	100211-415	113087	100211-6950	112252	100211-8470	111435
100211-2451	110675	100211-4150	113087	100211-6951	112252	100211-8490	111536
100211-2480	111705	100211-4160	111616	100211-6960	111018	100211-8540	113636
100211-250	110675	100211-4170	110628	100211-6961	111018	100211-8550	113088
100211-2500	110675	100211-4171	110628	100211-6970	111018	100211-8570	113093
100211-2501	110675	100211-4180	110374	100211-6990	111610	100211-8590	111435
100211-2510	111428	100211-4200	110564	100211-7000	110682	100211-8610	113074
100211-2550	110680	100211-4210	111017	100211-7001	110682	100211-8611	113074
100211-2551	110680	100211-4280	110628	100211-7012	110683	100211-8630	113865
100211-3040	111705	100211-4290	110628	100211-7040	111705	100211-8631	113865
100211-3060	111705	100211-4390	110374	100211-7050	110682	100211-8632	113865
100211-3090	110496	100211-4400	110628	100211-7051	110682	100211-8740	114583
100211-3091	110496	100211-4410	111616	100211-706	110675	100211-8810	111435
100211-3100	111705	100211-4440	111048	100211-7060	110675	100211-8860	111482
100211-3101	111705	100211-4450	111048	100211-7061	110675	100211-8861	111482
100211-3110	111428	100211-4490	111048	100211-7070	110680	100211-8870	113201
100211-3111	111428	100211-4520	113921	100211-7071	110680	100211-8910	113162
100211-3130	110678	100211-4528	111048	100211-7090	110681	100211-8911	113162
100211-3150	111705	100211-4530	110620	100211-7100	110681	100211-8960	112557
100211-3151	111705	100211-4531	110620	100211-7140	113636	100211-8991	111579
100211-316	113077	100211-4540	110629	100211-7160	111705	100211-9310	111610
100211-3160	113077	100211-4560	111048	100211-7170	111603	100211-9400	110496
100211-3170	110675	100211-4610	113921	100211-7180	111580	100211-9700	110681
100211-3180	110681	100211-4620	111951	100211-7210	111729	100211-9710	110496
100211-3181	110681	100211-4621	111951	100211-7250	111577	100211-9730	113076
100211-3200	111428	100211-4630	111951	100211-7320	113074	100211-9731	113076
100211-3220	110678	100211-4631	111951	100211-7330	113074	100211-9732	113076
100211-3221	110678	100211-4640	111048	100211-7331	113074	100211-9760	111285
100211-326	110675	100211-4650	113921	100211-7340	111285	100211-9770	111285
100211-3260	110675	100211-4660	111048	100211-7370	111603	100211-9780	111705
100211-3261	110675	100211-4670	111048	100211-7440	111428	100211-9800	111705
100211-3300	111432	100211-4680	111048	100211-745	110675	100211-9830	111432
100211-3310	111609	100211-4690	111048	100211-7450	110675	100211-9840	113077
100211-3311	111609	100211-4700	110620	100211-7460	111480	100211-9880	111482
100211-3321	111480	100211-4701	110620	100211-7461	111480	100211-9940	113715
100211-3351	110682	100211-4730	113856	100211-7500	110680	100211-9970	111432
100211-3352	110682	100211-4740	113921	100211-7501	110680	100211-9980	111609
100211-3370	111437	100211-4770	113921	100211-7530	111432	100213-0220	114203
100211-3380	110683	100211-4771	113921	100211-7570	113077	100213-0230	114203
100211-3400	110496	100211-5090	111605	100211-7571	113077	100213-0231	114203
100211-3401	110496	100211-5250	111601	100211-7600	111428	100213-0250	114203
100211-3430	111580	100211-5350	113162	100211-7640	111435	100213-0260	110684
100211-3431	111580	100211-5730	111437	100211-7670	111435	100213-0280	110684
100211-3500	110496	100211-5760	113557	100211-7760	111432	100213-0290	114203
100211-3501	110628	100211-5800	110445	100211-7770	111609	100213-0300	110684
100211-3510	113084	100211-5930	113557	100211-7780	111435	100213-0451	110685
100211-3530	110496	100211-6030	111215	100211-7800	111432	100213-0610	110684
100211-355	113077	100211-6031	111215	100211-7810	111609	100213-0700	110685
100211-3550	113077	100211-6040	111278	100211-7811	111609	100213-0710	110685
100211-3551	113077	100211-6050	111215	100211-7820	111538	100213-0740	110685

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
100213-0745	..110685	101211-0181	..111579	101211-4122	..113584	101211-9770	..113522
100213-0750	..110684	101211-0182	..111579	101211-4131	..114362	101211-9780	..113081
100213-0760	..110684	101211-0190	..113083	101211-4160	..111517	101211-9810	..113628
100213-0770	..114203	101211-0191	..113083	101211-4161	..111517	101211-9860	..114584
100213-0790	..114203	101211-0200	..113092	101211-422	..113165	101211-9920	..114241
100213-0850	..110684	101211-0240	..111285	101211-4220	..113165	101211-9921	..114241
100213-0860	..110684	101211-0250	..111285	101211-4370	..112358	101211-9931	..114242
100213-0941	..111605	101211-0270	..112360	101211-4420	..111517	101211-9940	..113715
100213-0950	..110684	101211-0340	..111518	101211-4580	..111579	101211-9960	..113627
100213-0960	..110684	101211-0341	..111518	101211-5010	..111468	101211-9970	..113628
100213-1011	..111605	101211-0342	..111518	101211-5020	..111579	101211-9990	..113571
100213-1050	..111605	101211-0370	..112212	101211-5080	..111579	10211-7000	..110682
100213-1120	..110686	101211-0380	..111517	101211-5100	..111507	102211-0500	..112072
100213-1130	..111605	101211-0430	..111518	101211-5110	..111965	102211-0610	..114434
100213-1140	..111605	101211-0431	..111518	101211-5120	..111507	102211-0750	..114273
100213-1150	..111605	101211-0432	..111518	101211-5130	..111598	102211-0770	..113902
100213-1180	..114203	101211-0480	..112063	101211-5150	..111518	102211-0780	..113902
100213-1210	..110686	101211-0510	..111517	101211-5170	..111598	102211-1070	..113522
100213-1230	..111605	101211-0521	..112357	101211-5210	..111435	102211-1071	..113522
100213-1240	..111605	101211-0522	..112357	101211-5220	..111435	102211-1200	..112860
100213-1250	..111605	101211-053	..113091	101211-5230	..111468	102211-1210	..112860
100213-1260	..110685	101211-0530	..113091	101211-5240	..111579	102211-1230	..111468
100213-1450	..110686	101211-0540	..112358	101211-5260	..112356	102211-124	..111468
100213-1700	..114203	101211-0541	..112358	101211-5261	..112356	102211-1240	..111468
100213-1730	..111963	101211-0542	..112358	101211-527	..113078	102211-1260	..113628
100213-1740	..111961	101211-0543	..112258	101211-5270	..113078	102211-1270	..113628
100213-1770	..111963	101211-0550	..111779	101211-5300	..112669	102211-1340	..111468
100213-1900	..111601	101211-0551	..111779	101211-5330	..112356	102211-1360	..112356
100213-1910	..111601	101211-0560	..112531	101211-5410	..113080	102211-1370	..114433
100213-1911	..111601	101211-0570	..112063	101211-5430	..113080	102211-1430	..111950
100213-1920	..111960	101211-0580	..111537	101211-5450	..113089	102211-1480	..111468
100213-1930	..114369	101211-0581	..111537	101211-5460	..112101	102211-1620	..113081
100213-2220	..110685	101211-0582	..111537	101211-5500	..113075	102211-1680	..114231
100213-2240	..111963	101211-0600	..112211	101211-5540	..111468	102211-1780	..113523
100213-2241	..111963	101211-0722	..111779	101211-5570	..112557	102211-1910	..114361
100213-2250	..111963	101211-0723	..111779	101211-5571	..112557	102211-1920	..114361
100213-2280	..111960	101211-0740	..111518	101211-5610	..113227	102211-2020	..114361
100213-2350	..111963	101211-0741	..111518	101211-5620	..113081	102211-2120	..114186
100213-2351	..111963	101211-0830	..113076	101211-5690	..113166	102211-2180	..114361
100213-2400	..111963	101211-0840	..113165	101211-5700	..113074	102211-2190	..111779
100213-2440	..111960	101211-0851	..111517	101211-5720	..111537	102211-2220	..114147
100213-2450	..111960	101211-0952	..114362	101211-5780	..112063	102211-2221	..114147
100213-2460	..111960	101211-0970	..112063	101211-5850	..114583	102211-2222	..114147
100213-2470	..111963	101211-0971	..112063	101211-5970	..111518	102211-2223	..114147
100213-2471	..111963	101211-0972	..112063	101211-6091	..113202	102211-2230	..114258
100213-2480	..111963	101211-1030	..114085	101211-7180	..113090	102211-2231	..114258
100213-2500	..111963	101211-1100	..114205	101211-7230	..113433	102211-2232	..114258
100213-2520	..111960	101211-1170	..113742	101211-7270	..113433	102211-2233	..114258
100213-2530	..114300	101211-1180	..111048	101211-7400	..113902	102211-2234	..114258
100213-2560	..114371	101211-1200	..113699	101211-7410	..113902	102211-2250	..114186
100213-2580	..111963	101211-1380	..113742	101211-7670	..114595	102211-2270	..113523
100213-2660	..111960	101211-2100	..111610	101211-7750	..114595	102211-2290	..114361
100213-2920	..111963	101211-2120	..110967	101211-7840	..114593	102211-2310	..114024
101210-0990	..113996	101211-2130	..111678	101211-7850	..114594	102211-2340	..114361
101210-1110	..113720	101211-2240	..114218	101211-7851	..114594	102211-2430	..111950
101210-1120	..113722	101211-2310	..114218	101211-7910	..114363	102211-2600	..114215
101210-1121	..113722	101211-2480	..111048	101211-7920	..114364	102211-2690	..113081
101210-1180	..113720	101211-2730	..113306	101211-7960	..114113	102211-2760	..114101
101210-1181	..113720	101211-2731	..113306	101211-9050	..111468	102211-2770	..114012
101210-1190	..113722	101211-2750	..113306	101211-9060	..113081	102211-2780	..114206
101210-1191	..113722	101211-2751	..113306	101211-9100	..113081	102211-2810	..114024
101210-1210	..113721	101211-2770	..114043	101211-9160	..113089	102211-4050	..114113
101210-1211	..113721	101211-2771	..114043	101211-9180	..111950	102211-5001	..112063
101210-1410	..114099	101211-2841	..110374	101211-9250	..113645	102211-5002	..112063
101210-1510	..113943	101211-2850	..112721	101211-9280	..112860	102211-5011	..113322
101211-0030	..111609	101211-2850	..114251	101211-9310	..113094	102211-5012	..113322
101211-0033	..111609	101211-2940	..114097	101211-9330	..113094	102211-5020	..111779
101211-0051	..111518	101211-2941	..114097	101211-9350	..113089	102211-5021	..111779
101211-0052	..111518	101211-3020	..112491	101211-9360	..112363	102211-5040	..114362
101211-0060	..111579	101211-3021	..112491	101211-9410	..113089	102211-5041	..114362
101211-0061	..111579	101211-3030	..111678	101211-9500	..112860	102211-5050	..112357
101211-0062	..111579	101211-3180	..113700	101211-9510	..111468	102211-5051	..112357
101211-0070	..111517	101211-3200	..111610	101211-9520	..112363	102211-5052	..112357
101211-0071	..111517	101211-3370	..111437	101211-9570	..113523	102211-5070	..111779
101211-0072	..111517	101211-3410	..114263	101211-9580	..111468	102211-5090	..111518
101211-0100	..111517	101211-3770	..111437	101211-9590	..114362	102211-5150	..111779
101211-0120	..111579	101211-3860	..113989	101211-9600	..113626	102211-5151	..111779
101211-0170	..111517	101211-4120	..113584	101211-9670	..111468	102211-5160	..111779
101211-0180	..111579	101211-4121	..113584	101211-9750	..113522	102211-5161	..111779

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
102211-5200	112358	104210-3421	113849	121000-3400	113056	128000-0111	110485
102211-5230	113322	104210-3430	114010	121000-3410	111193	128000-0130	111458
102211-5231	113322	104210-3431	114010	121000-3420	111193	128000-0140	110938
102211-5280	111779	104210-3510	113922	121000-3430	113064	128000-0141	110938
102211-5380	111779	104210-3511	113922	121000-3440	111193	128000-0170	110720
102211-5510	114361	104210-3512	113922	121000-3442	111193	128000-0171	110720
102211-5511	114361	104210-3513	113922	121000-3450	113063	128000-0180	110720
102211-5520	111779	104210-3520	113849	121000-3452	113063	128000-0181	110720
102211-5600	114024	104210-3521	113849	121000-3480	113066	128000-0210	113725
102211-5610	111779	104210-3522	113849	121000-3510	113067	128000-0211	113725
102211-8000	114005	104210-3523	113849	121000-3520	112583	128000-0212	113725
102211-8010	114006	104210-3640	114248	121000-3521	112583	128000-0213	113725
102211-8030	112143	104210-3641	114248	121000-3530	112833	128000-0214	113725
102211-8031	112143	104210-3730	113970	121000-3531	112833	128000-0215	113725
102211-8040	111795	104210-3731	113970	121000-3570	113066	128000-0216	113725
102211-8041	111795	104210-3732	113970	121000-3580	113066	128000-0220	110397
102211-8060	112142	104210-3780	114273	121000-3610	113357	128000-0280	110312
102211-8061	112142	104210-3920	113975	121000-3620	113358	128000-0281	110312
102211-8070	112142	104210-3921	113975	121000-3630	113359	128000-0290	110249
102211-8071	112142	104210-3980	114115	121000-3650	113606	128000-0300	111442
102211-8080	112142	104210-3981	114115	121000-3670	113358	128000-0350	111560
102211-8081	112142	104210-4270	113755	121000-3671	113358	128000-0351	111560
102211-8160	113763	104210-4730	114272	121000-3710	111191	128000-0351	111560
102211-8161	113763	104210-4731	114272	121000-3900	111191	128000-0360	111387
102211-8170	113763	104210-4732	114272	121000-4000	113051	128000-0370	110145
102211-8171	113763	104210-4733	114272	121000-4001	111192	128000-0371	110145
102211-8172	113763	104210-4734	114272	121000-4010	111192	128000-0461	110158
102211-8180	113763	104210-5440	113969	121000-4030	111192	128000-0462	110158
102211-8181	113763	104210-5710	113849	121000-4040	113058	128000-0462	110158
102211-8190	114005	104210-8020	114024	121000-4050	113051	128000-0490	113131
102211-8200	114006	104210-8021	114024	121000-4060	113059	128000-0491	113131
102211-8230	113718	104210-8140	111950	121000-4061	113059	128000-0492	113131
102211-8260	114204	104210-8220	114024	121000-4070	113060	128000-0492	113131
102211-8270	113996	104210-8240	114024	121000-4080	113061	128000-0494	113131
102211-8400	113575	104210-8241	114024	121000-4090	111192	128000-0520	110708
102211-8410	113872	104210-9010	114024	121000-4120	113068	128000-0530	110474
102211-8430	113718	104210-9011	114024	121000-4121	113068	128000-0540	113725
102211-8431	113718	104210-9012	114024	121000-4122	113068	128000-0541	113725
102211-8440	113718	104210-9230	114024	121000-4150	113061	128000-0542	113725
102211-8441	113718	104210-9340	114024	121000-4151	113061	128000-0543	113725
102211-8442	113718	111211-4122	113584	121000-4160	113235	128000-0544	113725
102211-8450	113535	121000-0041	111596	121000-4161	113235	128000-0550	111386
102211-8470	113535	121000-0430	110248	121000-417	113071	128000-0551	111386
102211-8471	113535	121000-0431	110248	121000-4170	113071	128000-0560	111386
102211-8490	113296	121000-0432	110248	121000-4171	113071	128000-0561	111386
102211-8570	113872	121000-0441	110248	121000-4210	113069	128000-0562	110934
102211-8571	113872	121000-0451	110250	121000-4211	113069	128000-0570	110934
102211-8610	113720	121000-0490	110274	121000-4212	113069	128000-0600	111310
102211-8611	113720	121000-0580	110258	121000-4230	113365	128000-0620	110411
102211-8612	113720	121000-0600	111195	121000-4231	113365	128000-0621	110411
102211-8640	113955	121000-0670	111613	121000-4232	113365	128000-0622	110411
102211-8641	113955	121000-0920	110258	121000-4233	113365	128000-0623	110249
102211-8642	113955	121000-0970	110684	121000-4250	113559	128000-0670	111182
102211-8643	113955	121000-0980	111195	121000-4251	113559	128000-0690	111182
102211-8650	114204	121000-1010	110250	121000-4270	113363	128000-0710	110485
102211-8651	114204	121000-1011	110250	121000-4280	113362	128000-0720	110486
102211-8652	114204	121000-1012	110250	121000-4290	113364	128000-0721	110486
102211-8660	113904	121000-1013	110250	121000-4291	113364	128000-0740	110485
102211-8661	113904	121000-1290	110684	121000-4300	111194	128000-0741	110485
102211-8662	113904	121000-1291	110684	121000-4301	111194	128000-0742	110485
102211-8730	114090	121000-1590	110258	121000-4310	111194	128000-0770	111224
102211-8731	114090	121000-1670	113559	121000-4320	113235	128000-0771	111224
102211-8740	114099	121000-1720	111597	121000-4330	113235	128000-0772	111224
102211-8741	114099	121000-1730	110258	121000-4331	113235	128000-0831	113132
102211-9750	113522	121000-1770	111596	121000-4350	113364	128000-0832	113132
104210-2710	113849	121000-2030	110138	121000-4351	113364	128000-0960	111683
104210-2730	114248	121000-2110	110138	121000-4390	114243	128000-0970	112036
104210-3050	114115	121000-2360	110684	121000-4400	113559	128000-0971	112036
104210-3051	114115	121000-2430	111191	121000-4410	113607	128000-0972	112036
104210-3052	114115	121000-2431	111191	121000-4440	113607	128000-0973	112036
104210-3053	114115	121000-2490	111191	121000-4470	113564	128000-0974	112036
104210-3060	114115	121000-2680	113050	121000-4540	113607	128000-0975	112036
104210-3170	113755	121000-2970	110248	121000-4541	113607	128000-1000	113203
104210-3171	113755	121000-3000	111191	121000-7030	110139	128000-1001	113203
104210-3172	113755	121000-3100	111191	121000-7050	110248	128000-1002	113203
104210-3240	113755	121000-3200	113053	121000-7500	110248	128000-1003	113203
104210-3250	114115	121000-3300	113052	121000-7560	110138	128000-1004	113203
104210-3251	114115	121000-3310	111191	121000-8230	112054	128000-1040	111028
104210-3252	114115	121000-3330	113053	128000-0020	111683	128000-1041	111028
104210-3290	114272	121000-3340	111193	128000-0040	110389	128000-1060	110941
104210-3291	114272	121000-3360	111191	128000-0050	111021	128000-1061	110941
104210-3292	114272	121000-3370	113054	128000-0070	110940	128000-1062	110941
104210-3293	114272	121000-3380	111193	128000-0100	110399	128000-1062	110941
104210-3410	113969	121000-3381	111193	128000-0071	110940	128000-1150	111087
104210-3411	113969	121000-3390	113055	128000-0101	110399	128000-1151	111087
				128000-0102	110399	128000-1152	111087
				128000-0110	110485	128000-1160	110940
						128000-1161	110940

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
128000-1180	111006	128000-3471	111446	128000-5410	113204	128000-7201	111451
128000-1181	111006	128000-3472	111446	128000-5411	113204	128000-7280	111401
128000-1220	110295	128000-3480	111544	128000-5560	111551	128000-7281	111401
128000-1230	111451	128000-3481	111544	128000-5561	111551	128000-7282	111401
128000-1240	110260	128000-3482	111544	128000-5580	111551	128000-7283	111401
128000-1241	110260	128000-3500	111456	128000-5581	111551	128000-7300	110485
128000-1250	110411	128000-3590	110447	128000-5620	113429	128000-7350	111387
128000-1251	110411	128000-3621	111088	128000-5621	113429	128000-7353	111387
128000-1280	113725	128000-3641	110402	128000-5680	111455	128000-7360	110708
128000-1340	112089	128000-3662	111088	128000-5681	111455	128000-7361	110708
128000-1360	111030	128000-3740	111131	128000-5682	111455	128000-7362	110708
128000-1440	110709	128000-3741	111131	128000-5700	110712	128000-7380	113168
128000-1441	110709	128000-3762	113545	128000-5710	110712	128000-7381	113168
128000-1470	110940	128000-3810	110400	128000-5720	113237	128000-7382	113168
128000-1490	111920	128000-4020	113596	128000-5721	113237	128000-7383	113168
128000-1491	111920	128000-4030	111385	128000-5722	113237	128000-7390	111544
128000-1520	110397	128000-4031	111385	128000-5723	113237	128000-7460	112214
128000-1540	111385	128000-4032	111385	128000-5730	110944	128000-7470	113024
128000-1541	111385	128000-4060	111561	128000-5731	110944	128000-7471	113024
128000-1570	111401	128000-4061	111561	128000-5732	110944	128000-7480	112546
128000-1571	111401	128000-4080	110961	128000-5733	110944	128000-7500	111456
128000-1574	111401	128000-4081	110961	128000-5750	111837	128000-7510	110999
128000-1610	110253	128000-4082	110961	128000-5760	111525	128000-7680	111785
128000-1620	110323	128000-4083	110961	128000-5780	110713	128000-7710	111442
128000-1621	110323	128000-4201	110402	128000-5781	110713	128000-7711	111442
128000-1670	113681	128000-4230	111131	128000-5840	111785	128000-7712	111442
128000-1671	113681	128000-4241	113545	128000-5850	111681	128000-7713	111442
128000-1861	110402	128000-4242	113545	128000-5910	111224	128000-7714	111442
128000-1862	110402	128000-4250	114420	128000-5911	111224	128000-7750	113428
128000-1863	110402	128000-4251	114346	128000-5912	111224	128000-7751	113428
128000-1890	111560	128000-4340	113429	128000-5913	111224	128000-7752	113428
128000-1930	111561	128000-4420	110713	128000-5940	111446	128000-7753	113428
128000-1950	111561	128000-4430	111182	128000-5941	111446	128000-7810	111764
128000-1990	111928	128000-4450	111182	128000-5942	111446	128000-7911	111544
128000-2050	110253	128000-4461	113475	128000-5950	111544	128000-7920	110708
128000-2060	110253	128000-4480	111455	128000-5951	111544	128000-7921	110708
128000-2130	110356	128000-4520	113230	128000-5952	111544	128000-7922	110708
128000-2131	110356	128000-4540	111053	128000-5980	111182	128000-7923	110708
128000-2190	111442	128000-4660	111683	128000-6170	111401	128000-7990	111544
128000-2210	110400	128000-4661	111683	128000-6210	111310	128000-7991	111544
128000-2271	113725	128000-4662	111683	128000-6211	111310	128000-8030	111456
128000-2273	113725	128000-4685	114017	128000-6212	111310	128000-8101	112545
128000-2280	110934	128000-4686	114017	128000-6230	111548	128000-8110	112582
128000-2380	113095	128000-4687	114017	128000-6240	111548	128000-8111	112582
128000-2480	113725	128000-4688	114017	128000-6280	110940	128000-8130	111189
128000-2550	111560	128000-4720	110961	128000-6300	111548	128000-8140	111387
128000-2551	111560	128000-4850	111928	128000-6330	110708	128000-8141	111387
128000-2570	113095	128000-4851	111928	128000-6391	113429	128000-8142	111387
128000-2580	111425	128000-4852	111928	128000-6400	114633	128000-8170	113459
128000-2581	111425	128000-4860	111765	128000-6401	114633	128000-8171	113459
128000-2600	111543	128000-4861	111765	128000-6420	111455	128000-8200	111556
128000-2640	112536	128000-4862	111765	128000-6421	111455	128000-8210	111682
128000-2660	111030	128000-4863	111765	128000-6422	111455	128000-8220	111845
128000-2670	111131	128000-4864	111765	128000-6620	110245	128000-8221	111845
128000-2680	111455	128000-4880	111182	128000-6640	110720	128000-8240	110260
128000-2682	111455	128000-4890	111053	128000-6780	111464	128000-8241	110260
128000-2740	114420	128000-4891	111053	128000-6810	110708	128000-8270	111446
128000-2750	113231	128000-4900	110246	128000-6811	110708	128000-8310	111552
128000-2790	111131	128000-4930	110411	128000-6830	110708	128000-8311	111552
128000-2800	111560	128000-4950	113103	128000-6831	110708	128000-8312	111552
128000-2820	110145	128000-4951	113103	128000-6832	110708	128000-8320	111454
128000-2830	111546	128000-4960	111764	128000-6833	110708	128000-8321	111454
128000-2860	111310	128000-4990	113545	128000-6840	110245	128000-8322	111454
128000-2861	111310	128000-4991	113545	128000-6870	113172	128000-8323	111454
128000-2862	111310	128000-4992	113545	128000-6960	111022	128000-8350	110713
128000-2880	110573	128000-4993	113545	128000-6961	111022	128000-8360	110713
128000-2881	111683	128000-5080	110312	128000-6962	111022	128000-8400	111544
128000-2950	112246	128000-5090	113214	128000-6980	111022	128000-8460	113893
128000-3121	113725	128000-5091	113214	128000-7030	110962	128000-8461	113893
128000-3122	113725	128000-5110	111442	128000-7031	110962	128000-8480	113635
128000-3123	113725	128000-5230	110249	128000-7050	113734	128000-8500	110713
128000-3180	113102	128000-5261	110447	128000-7080	113096	128000-8530	110323
128000-3181	113102	128000-5270	111764	128000-7090	110397	128000-8531	110323
128000-3182	113102	128000-5280	111764	128000-7110	113205	128000-8620	111679
128000-3190	111442	128000-5300	113214	128000-7140	111492	128000-8621	111679
128000-3340	110397	128000-5301	113214	128000-7141	111492	128000-8640	113239
128000-3380	111449	128000-5330	113429	128000-7190	111552	128000-8641	113239
128000-3381	111449	128000-5331	113429	128000-7191	111552	128000-8650	111131
128000-3470	111446	128000-5350	111564	128000-7200	111451	128000-8660	111030

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
128000-8670	112536	228000-0622	113725	228000-1780	113757	228000-3330	111463
128000-8690	111131	228000-0630	114340	228000-1830	114268	228000-3331	111463
128000-8890	113121	228000-0631	114340	228000-1831	114268	228000-3332	111463
128000-8891	113121	228000-0632	114340	228000-1832	114268	228000-3380	110149
128000-8990	111131	228000-0633	114340	228000-1880	112545	228000-3381	110149
128000-9050	111021	228000-0640	112336	228000-1881	112545	228000-3390	113116
128000-9051	111021	228000-0651	114340	228000-1890	113132	228000-3391	113116
128000-9190	111682	228000-0660	111299	228000-1891	113132	228000-3392	113116
128000-9191	111682	228000-0661	111299	228000-1892	113132	228000-3393	113116
128000-9300	111681	228000-0662	111299	228000-1893	113132	228000-3400	113240
128000-9360	113597	228000-0663	111299	228000-1950	113725	228000-3401	113240
128000-9380	111492	228000-0664	111299	228000-1951	113725	228000-3402	113240
128000-9400	113723	228000-0691	111197	228000-1952	113725	228000-3403	113240
128000-9500	113725	228000-0790	110447	228000-1953	113725	228000-3640	111874
128000-9501	113725	228000-0791	110447	228000-1980	111683	228000-3641	111874
128000-9502	113725	228000-0800	110447	228000-2030	113207	228000-3642	111874
128000-9503	113725	228000-0810	113402	228000-2031	113207	228000-3660	111021
128000-9520	111681	228000-0811	113402	228000-2032	113207	228000-3710	113238
128000-9540	110249	228000-0820	111550	228000-2050	113111	228000-3732	110485
128000-9580	110708	228000-0821	111550	228000-2060	113113	228000-3740	111784
128000-9581	110708	228000-0822	111550	228000-2061	113113	228000-3750	113119
128000-9582	110708	228000-0823	111550	228000-2062	113113	228000-3780	110485
128000-9590	111387	228000-0830	111550	228000-2120	112336	228000-3800	110485
128000-9591	111387	228000-0831	111550	228000-2121	112336	228000-3801	110485
128000-9592	111387	228000-0832	111550	228000-2122	112336	228000-3802	110485
128000-9610	110961	228000-0880	111564	228000-2123	112336	228000-3840	110389
128000-9680	111224	228000-0890	113106	228000-2124	112336	228000-3841	110389
128000-9700	113402	228000-0900	111984	228000-2210	113663	228000-3842	110389
128000-9701	113402	228000-0901	111984	228000-2211	113663	228000-3850	111683
128000-9702	113402	228000-0902	111984	228000-2220	111548	228000-3851	111683
128000-9710	111544	228000-0940	111455	228000-2221	111548	228000-3852	111683
128000-9720	111544	228000-0941	111455	228000-2260	112213	228000-3980	113928
128000-9730	110411	228000-0950	111622	228000-2261	112213	228000-3981	113928
128000-9740	110411	228000-0951	111622	228000-2290	113114	228000-3990	113118
128000-9750	113023	228000-0970	110447	228000-2291	113114	228000-3991	113118
128000-9751	113023	228000-0980	110447	228000-2292	113114	228000-3992	113118
128000-9752	113023	228000-0981	110447	228000-2310	113109	228000-4020	113665
128000-9790	111551	228000-0990	111021	228000-2500	111550	228000-4030	113434
128000-9800	113429	228000-0991	111021	228000-2550	111839	228000-4080	113173
128000-9801	113429	228000-1000	110940	228000-2552	111839	228000-4082	113173
128000-9820	112544	228000-1001	110940	228000-2570	111784	228000-4083	113173
128000-9860	111554	228000-1002	110940	228000-2571	111784	228000-4090	113170
128000-9880	111554	228000-1020	113966	228000-2572	111784	228000-4092	113170
128000-9950	110447	228000-1021	113966	228000-2573	111784	228000-4093	113170
128000-9970	113206	228000-1022	110720	228000-2640	112546	228000-4291	111683
128000-9971	113206	228000-1040	110940	228000-2680	112336	228000-4292	111683
128000-9972	113206	228000-1041	110940	228000-2682	112336	228000-4293	111683
228000-0070	110999	228000-1050	110356	228000-2690	112336	228000-4300	113171
228000-0110	110485	228000-1060	110246	228000-2730	113110	228000-4302	113171
228000-0111	110485	228000-1061	110246	228000-2740	111783	228000-4304	113171
228000-0140	110485	228000-1070	110940	228000-2750	113112	228000-4320	113649
228000-0141	110485	228000-1080	110720	228000-2840	111556	228000-4370	110411
228000-0142	110485	228000-1081	110720	228000-2841	111556	228000-4390	110411
228000-0200	111564	228000-1082	110720	228000-2850	111556	228000-4391	110411
228000-0210	110312	228000-1100	112033	228000-2851	111556	228000-4392	110411
228000-0211	110312	228000-1150	111551	228000-2853	111556	228000-4550	111915
228000-0220	113104	228000-1180	113928	228000-2890	113108	228000-4560	111918
228000-0251	110485	228000-1210	112089	228000-2900	111455	228000-4590	111197
228000-0270	111401	228000-1211	112089	228000-2940	111984	228000-4591	111197
228000-0311	110713	228000-1420	110941	228000-2960	111984	228000-4592	111197
228000-0340	111681	228000-1421	110941	228000-2970	113696	228000-4593	111197
228000-0360	113105	228000-1422	110941	228000-2980	111386	228000-4620	113208
228000-0361	113105	228000-1430	113203	228000-2990	113170	228000-4640	111310
228000-0400	111387	228000-1431	113203	228000-3000	111564	228000-4641	111310
228000-0420	111446	228000-1530	111021	228000-3010	113241	228000-4650	114654
228000-0450	111386	228000-1531	111021	228000-3011	113241	228000-4651	114654
228000-0460	111564	228000-1540	111131	228000-3012	113241	228000-4670	113725
228000-0470	111492	228000-1560	113169	228000-3013	113241	228000-4671	113725
228000-0471	111492	228000-1590	113936	228000-3020	113115	228000-4750	111197
228000-0472	111492	228000-1600	111679	228000-3021	113115	228000-4780	113204
228000-0473	111492	228000-1601	111679	228000-3030	113117	228000-4830	113702
228000-0570	113936	228000-1610	113239	228000-3032	113117	228000-4831	113702
228000-0571	113936	228000-1611	113239	228000-3040	113174	228000-4840	110411
228000-0572	113936	228000-1661	113936	228000-3060	113108	228000-4850	110411
228000-0573	113936	228000-1690	113169	228000-3080	111401	228000-4922	110720
228000-0574	113936	228000-1700	113106	228000-3260	113169	228000-4960	113361
228000-0575	113936	228000-1710	110713	228000-3280	111784	228000-4961	113361
228000-0620	113725	228000-1750	114340	228000-3282	111784	228000-4980	111969
228000-0621	113725	228000-1751	114340	228000-3283	111784	228000-4981	111969

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
228000-4982	111969	228000-6320	112547	228000-8040	113132	428000-1691	114224
228000-4992	114340	228000-6321	112547	228000-8041	113132	428000-1750	114297
228000-5020	113757	228000-6391	113429	228000-8080	113736	428000-1830	114340
228000-5021	113757	228000-6420	112213	228000-8081	113736	428000-1850	113725
228000-5022	113757	228000-6421	112213	228000-8082	113736	428000-1860	113725
228000-5023	113757	228000-6430	111088	228000-8083	113736	428000-2640	110447
228000-5040	113175	228000-6450	113629	228000-8090	114400	428000-2650	114332
228000-5120	113696	228000-6460	114226	228000-8150	112336	428000-2730	114071
228000-5121	113696	228000-6470	110942	228000-8330	113630	428000-3110	113938
228000-5122	113696	228000-6471	110942	228000-8350	113313	428000-3180	114216
228000-5140	113209	228000-6481	113702	228000-8410	110627	428000-4450	113917
228000-5142	113209	228000-6482	113702	228000-8420	112276	428000-4600	114093
228000-5290	113312	228000-6530	113736	228000-8540	113314	428000-4920	114216
228000-5291	113312	228000-6531	113736	228000-8541	113314	428000-5430	113915
228000-5292	113312	228000-6532	113736	228000-8542	113314	428000-9370	113314
228000-5293	113312	228000-6550	113983	228000-8550	113314	966121-9935	113089
228000-5300	113119	228000-6551	113983	228000-8800	114440	<b>DEUTZ-FAHR</b>	
228000-5301	113119	228000-6612	112336	228000-8890	114429	01174637	114438
228000-5302	113312	228000-6614	112336	228000-8972	112336	01182173	112046
228000-5303	113119	228000-6620	112369	228000-9030	112336	2.9439.290.0	111686
228000-5310	114646	228000-6640	114340	228000-9050	113936	2.9439.480.0	111686
228000-5311	114646	228000-6660	113243	228000-9100	113725	2.9439.490.0	111686
228000-5330	114632	228000-6662	113243	228000-9140	113736	<b>DIVERSE</b>	
228000-5340	113938	228000-6663	113243	228000-9220	111874	24.3708	111350
228000-5341	113938	228000-6670	114340	228000-9221	111874	24063708000	110594
228000-5342	113938	228000-6671	114340	228000-9270	111552	24173708000	113431
228000-5382	111683	228000-6680	112214	228000-9310	113545	160-60282	113589
228000-5400	114485	228000-6730	113665	228000-9330	114340	160-68223	113650
228000-5480	111310	228000-6740	113434	228000-9530	113313	2-2201-HI	113731
228000-5481	111310	228000-6750	113649	228000-9600	113244	2-2202-HI	113731
228000-5490	113244	228000-6760	113434	228000-9641	113704	GP9906	113743
228000-5520	114417	228000-6840	112033	228000-9680	114135	IM131	110601
228000-5610	112544	228000-6950	114497	228000-9900	113810	IM18	110511
228000-5611	112544	228000-6951	114497	228000-9901	113810	IM522	110512
228000-5612	112544	228000-6952	114497	228000-9902	113810	VA-12000	113857
228000-5620	113429	228000-6980	113725	23300-7B010	113136	<b>DIXIE</b>	
228000-5621	113429	228000-6981	113725	27060-61060	113637	101-21103	113432
228000-5630	112544	228000-7090	114194	27060-61061	113637	101-21108	113432
228000-5631	112544	228000-7091	114194	421000-0021	113803	101-33201	113778
228000-5640	112822	228000-7111	110485	421000-0022	113803	102-10101	113765
228000-5641	112822	228000-7130	111552	421000-0023	113803	146-93103	113921
228000-5680	113244	228000-7140	111454	421000-0024	113803	146-93104	113921
228000-5730	113237	228000-7141	111454	421000-0025	113803	201-28126	113452
228000-5731	113237	228000-7150	110447	421000-0026	113803	201-28201	111760
228000-5790	113459	228000-7151	110447	421000-0027	113803	201-28205	113435
228000-5810	112489	228000-7160	111310	421000-0028	113803	201-28206	113007
228000-5811	112489	228000-7161	111310	428000-0020	114239	201-42102	110436
228000-5860	113172	228000-7200	113118	428000-0022	114239	201-42115	110436
228000-5861	113172	228000-7220	113662	428000-0023	114239	201-42119	112089
228000-5862	113172	228000-7250	111550	428000-0024	114239	202-09107	113225
228000-5910	113211	228000-7260	112367	428000-0100	114638	206-03101	110949
228000-5911	113211	228000-7380	112544	428000-0260	113757	206-03-105	112826
228000-5920	111463	228000-7381	112544	428000-0290	113938	206-03107	113591
228000-5922	111463	228000-7390	113171	428000-0320	113704	206-03110	112568
228000-5980	112366	228000-7391	113171	428000-0321	113704	206-04109	111701
228000-5981	112366	228000-7392	113171	428000-0340	114419	206-07101	110510
228000-5990	113239	228000-7420	113120	428000-0460	113730	206-07102	110635
228000-5992	113239	228000-7421	113120	428000-0500	114071	206-07103	110634
228000-6110	113242	228000-7430	113619	428000-0520	113239	206-07105	113592
228000-6112	113242	228000-7432	113619	428000-0670	111911	206-07106	111700
228000-6113	113242	228000-7470	114197	428000-0670	111911	206-07109	111012
228000-6120	113601	228000-7471	114197	428000-0700	113810	206-07110	111702
228000-6121	113601	228000-7480	113211	428000-0701	113810	246-06102	113663
228000-6122	113601	228000-7520	114168	428000-0720	112006	246-06104	113734
228000-6170	112367	228000-7540	114182	428000-0930	114333	246-06114	113732
228000-6172	112367	228000-7541	114182	428000-0931	114333	246-25107	113725
228000-6173	112367	228000-7550	112823	428000-1080	114342	246-25111	110942
228000-6270	113244	228000-7581	113339	428000-1081	114342	246-25118	113428
228000-6271	113244	228000-7591	113271	428000-1210	113550	246-25120	113214
228000-6272	113244	228000-7640	114135	428000-1220	113550	246-30214	112544
228000-6273	112367	228000-7641	114135	428000-1221	113550	260-67112	113726
228000-6280	112367	228000-7671	111021	428000-1250	113809	260-67204	112670
228000-6281	112367	228000-7730	114637	428000-1280	114071	260-69105	111755
228000-6282	112367	228000-7740	113620	428000-1290	113655	A-1101	110591
228000-6283	112367	228000-7800	113965	428000-1380	113654	A-1117	110801
228000-6290	113207	228000-7801	113965	428000-1570	111310		
228000-6291	113207	228000-7810	113985	428000-1620	113926		
228000-6300	113492	228000-7850	113732	428000-1640	113254		
228000-6310	113620	228000-7851	113732	428000-1650	113513		
				428000-1690	114224		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A-1118	112989	A-8191	110681	MS-663	110654	S-6108	111456
A-1228	113767	A-8204	110659	MS-667	110634	S-6109	111490
A-1250	111713	A-824	110133	MS-670	110949	S-6175	113587
A-129	111261	A-8282	110629	MS-671	112568	S-6179	113282
A-1327	110984	A-8288	113410	MS-673	113015	S-6196	111909
A-1342	112996	A-8295	113554	MS-675	112247	S-6197	111900
A-1350	113432	A-8296	113553	MS-677C	112242	S-6215	113613
A-1355	112991	A-8298	113066	MS-687	112832	S-6245	112290
A-1358	112993	A-8311	110959	MS-692	110648	S-6532	113478
A-1359	112995	A-8321	110802	MS-696	111012	S-80007	113810
A-1360	113432	A-8323	111710	MS-800	112010	S-80010	113648
A-1392	112998	A-8352	113557	MS-818	113527	S-80012	113704
A-1415	113502	A-8362	113495	S-1274	111277	S-80017	113821
A-1418	112911	A-8384	113507	S-1281	110216	S-80042	113642
A-1442	112998	A-8385	113462	S-1311	112909	S-80043	113775
A-1450	112824	A-8394	111309	S-1363	112911	S-80058	113746
A-1455	113001	A-8396	110540	S-1364	110221	S-80060	113730
A-1456	113002	A-8404	113027	S-1372	112910	S-80072	113809
A-1457	113778	A-8438	113626	S-1381	110221	S-80083	113727
A-1458	113003	A-8453	112977	S-1393	111786	S-80084	113735
A-1459	113004	A-8456	111285	S-1395	112911	S-80089	111300
A-1468	113005	A-8480	113463	S1396	112913	S-80099	113669
A-1489	112873	A-8481	113583	S-1396	112913	S-80102	113675
A-1493	113155	A-8499	112270	S-1399	112847	S-80135	113550
A-1494	112834	A-8534	113066	S-1401	112898	S-80169	113795
A1534	112873	A-8546	113094	S-1404	112897	S-8032	110411
A-1534	112873	A-8548	113433	S-1405	111786	S8098	113429
A-1563	112874	A-8552	113558	S1406	112898	S-8106	113128
A-1619	113579	A-8554	113628	S-1406	112898	S-8108	113095
A-1620	113579	A-8556	113643	S-1407	112897	S-8124	110485
A-1621	113579	A-8557	113555	S-1409	113122	S-8132	110626
A-1623	113693	A-8560	111495	S-1411	111786	S-8147	110421
A-1645	113777	A-8565	113583	S-1413	111699	S-8152	111683
A-166	112260	A-8566	113426	S-1415	112912	S-8152-1	110573
A-1664	113692	A-8567	111381	S-1416	112898	S-8172	113399
A-1665	113685	A-8569	113375	S-1418	112911	S-8192	110411
A-1672	113694	A-8573	113425	S-1422	112900	S-8200	110283
A-1673	113691	A-8575	113645	S-1423	113006	S-8220	113022
A-173	110300	A-8605	113627	S-1424	112901	S-8226	111551
A-1738	113776	A-8628	113584	S-1425	112906	S-8234	110810
A-178	110325	A-8650	113027	S-1426	112907	S-8252	113131
A-191	113724	A-8653	113566	S-1427	112908	S-8254	113725
A-2029	112935	A-8662	113559	S-1430	112904	S-8255	110156
A-2071	113744	A-8680	111787	S-1437	113679	S-8272	113237
A-214	113013	A-8710	112327	S-1487	113811	S-8274	113172
A-219	113765	A-8711	113652	S-2002	113729	S-8278	110942
A-221	112914	A-8740	113571	S-2030	110225	S8285	113429
A-241	112929	A-8763	110959	S-2034	110225	S-8299	113725
A-247	112922	A-8764	110540	S-2042	112963	S-8314	110412
A-254	112923	A-8802	112168	S-2045	112965	S-8325	113668
A-255	112924	A-8843	113562	S-2052	112966	S-8326	111300
A-267	112928	A-8846	113634	S-2055	111370	S-8328	110552
A-273	112944	A-8864	113793	S-2056	113216	S-8331	110462
A-332	112848	A-8866	113418	S-2057	112030	S-8348	113428
A-342	112848	A-9131	113511	S-2058	111844	S-8353	113141
A-471	112025	A-9218	113769	S-2060	112584	S-8358	113615
A-477	113623	A-9224	110959	S-2061	113222	S-8388	112214
A-479	113623	A-9225	110488	S-2062	112296	S-8389	113024
A-484	113623	A-9284	111139	S-2063	113217	S-8395	110616
A-495	113763	A-9376	113748	S-2065	112592	S-8397	110421
A-6255	112773	A-9377	113800	S-2069	113218	S-8407	113214
A-6330	113543	MS-1042	112232	S-2070	113220	S-8422	113203
A-6346	113568	MS-6007	113853	S-2071	113221	S-8425	113105
A-6371	113798	MS-6029	113854	S-2072	113224	S-8435	111305
A-6373	113799	MS-611	110647	S-2073	113223	S-8455	113170
A-6421	113808	MS-612	110240	S-2075	112235	S-8460	113113
A-6459	113564	MS-632	110510	S-2076	111374	S-8462	113402
A-6477	113807	MS-633	113524	S-2079	112646	S-8465	113230
A-701	113823	MS-636	110648	S-2080	112586	S-8473	113508
A-772	113740	MS-637	110654	S-2081	113226	S-8474	113026
A-80007	113803	MS-639	110650	S-2089	111844	S-8475	113025
A-80024	113027	MS-640	110650	S-2092	112600	S-8511	113141
A-80026	113656	MS-646	111043	S-2095	112608	S-8512	113238
A-80040	113657	MS-649	111700	S-2096	112599	S-8529	113206
A-80056	113747	MS-650	111702	S-2099	113762	S-8538	112546
A-80081	113822	MS-651	110510	S-2109	111374	S-8544	113114
A-80084	113715	MS-655	111701	S-2124	113703	S-8551	110417
A-80086	113856	MS-661	112154	S-2136	113814	S-8555	112373
A-8142	113806	MS-662	112145	S-6101	111425	S-8560	110947

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DIXIE</b> <i>Continued</i>							
S-8561	113129	TS-1682	112165	516033	110754	04667	110601
S-8565E	112649	TS-1743	113550	516038	112744	05180	112508
S-8568	113239	TS-1757	113827	516039	111075	06000	110060
S-8588	111306	TS-1758	113826	516041	110992	6000	110060
S-8589	111307	TS-1765	113682	516043	111076	06030	110061
S-8622	112374	TS-1784	113917	516044	111172	6030	110061
S-8623	110616	TS-2000	113728	516047	110754	06710	110601
S-8632	113130	TS-4014	110462	516051	111075	06730	110531
S-8639	111212	TS-6010	111755	516055	110358	06770	110064
S-8639A	111212	TS-6046	110206	516058	112728	06850	111504
S-8656	113140	TS-6071	110534	516062	111082	06860	110532
S-8658	113210	TS-6072	112670	516064	111082	06940	110512
S-8661	113132			516067	112744	07640	110826
S-8678	113172	<b>DODGE → CHRYSLER</b>		516074	111082	07940	111217
S-8680	113116			532002	110367	08280	110205
S-8684	113398	<b>DUCELLIER</b>		532003	110860	08780	110207
S-8685	113396	6127	110439	532004	110860	08790	110208
S-8686	113392	6128	110367	532005	110793	09620	111304
S8690	113118	6128	110367	532010	110367	10420	110525
S-8698	113408	6136	110856	532017	110367	10430	110536
S-8700	113400	6144	110367	532021	110856	10440	110524
S-8702	110572	6172	110367	532022	110856	10450	110520
S-8708	112368	6175	110367	532024	110365	10460	110523
S-8742	113646	6185	110856	532027	110365	10570	110531
S-8743	113504	6187	110367	533002	110793	10590	111180
S-8751	113120	6189	110793	534002	111104	10600	110534
S-8764	113619	6190	110793	534003	110774	10610	110531
S-8765	113618	6202	111100	534023	111064	10650	110533
S-8770	112300	6203	110367	534027	111106	10800	111219
S-8771	113398	6212	110793	534028	111106	10810	110531
S-8774	113521	6219	110856	534029	110585	10825	110582
S-8775	113638	6227	110367	534031	110585	10890	112097
S-8776	113020	6231	110367	534032	110866	10910	110890
S-8793	112213	6232	110439	534039	110587	11206	110209
S-8794	113390	6240	111066	534042	110585	11360	110525
S-8823E	111254	6242	111066	534043	110585	11370	110529
S-8832B	111020	6244	110774	534044	111064	11380	110521
S-8848	113408	6245	110774	534046	111066	11420	110522
S-8865	113596	7522	110743	534047	110866	11430	110518
S-8872	110485	7527	110745	534048	111068	11520	110527
S-8881	113696	7530	110971	534050	111066	11580	110523
S-8888	113191	7532	110743	534053	111025	11640	110536
S-8895	113597	7534	110743	534054	110584	11705	110912
S-8896	113663	7536	110743	534055	110584	11750	110530
S-8897	113734	7542	110743	534057	110585	11830	110368
S-8907	113665	7557	110745	538501	110462	11930	110521
S-8920	112544	7575	110745	538502	110565	12070	110812
S-8933	113661	8293	110587	538504	110459	12080	110517
S-8961	113551	8294	110587	538505	110565	12590	110206
S-8986	113638	433118	110991	581017	110144	12760	113465
S-8997	113733	451003	110743	618077	111066	12800	110212
TS-1250	113172	451013	112768	618078	111066	12900	113466
TS-1267	112267	451061	110754	618565	111066	12950	110208
TS-1283	111190	451068	111071	618795	111066	12960	111004
TS-1294	111699	451074	110897	516023B	110920	12990	110582
TS-1366	113172	451076	111072	516053A	112728	13000	110368
TS-1500	110436	453016	111066	534054A	110584	13090	110524
TS-1504	110436	453027	110367	534054B	110584	13100	110525
TS-1512	113153	453040	110367	534054C	110584	13140	111640
TS-1539	112255	453052	110585	6202A	111100	13460	111035
TS-1541	112255	510018	110913	6202B	111100	13470	112719
TS-1551	113123	512010	111075	6202C	111100	13830	111686
TS-1559	112233	514005	110916	6202D	111100	13850	111620
TS-1561	113125	514014	111138	6202F	111100	13870	111418
TS-1576	112268	515003	111403	6231A	110367	14100	110536
TS-1578	112267	515016	111171	6231B	110367	14650	110522
TS-1602	111760	516004	110992	6231C	110367	14660	110814
TS-1603	112089	516011	110178	6231D	110367	14860	111693
TS-1607	113126	516013	111071	7527A	110745	14940	111418
TS-1619	112652	516015	111071	7527B	110745	14960	110923
TS-1620	112653	516016	111144	7527C	110745	14965	111093
TS-1626	112667	516017	110744	7527D	110745	14970	110913
TS-1639	113435	516020	110754	7575D	110745	22201	110512
TS-1640	113007	516021	110897			22602	110206
TS-1641	113010	516023	110920	<b>EFEL</b>		22603	110533
TS-1644	112268	516024	110744	02201	110524	22604	110207
TS-1648	112668	516025	110754	03106	110537	22605	110208
TS-1649	113452	516027	111086	03109	111217	22606	110208
TS-1679	113550	516032	111078	03285	110512	22607	110210

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
22608	110582	3160200	111032	R22.05	110210	25-0076	110438
22609	110601	3370000	110611	R22.06	111046	25-0079	110352
22612	111249	6050000	110210	R22.07	110213	25-008	110566
22616	110512	6060000	110582	R22.10	110531	25-0080	110441
22617	110534	6080000	110206	R22.12	110531	25-0080	112439
22621	110531	6090000	110523	R22.13	110214	25-0081	111573
22622	110209	6100000	110207	R22.14	110212	25-0083	110444
22623	110932	6110000	110208	R22.15	110211	25-0087	110283
22624	110512	6130000	110601	R22.16	110212	25-0089	112249
22625	110512	6140000	111249	R22.22	110205	25-0090	110537
22626	110519	6160000	110512	R22.38	111231	25-0097	110364
22701	110210	6180000	110534	R23.05	110210	25-0102	110793
22702	111046	6210000	110535	R23.06	110582	25-0102	111066
22703	110213	6220000	110531	R23.08	110206	25-0103	111112
22704	110532	6230000	110209	R23.09	110533	25-0103	111120
22706	110531	6240000	111219	R23.10	110207	25-0104	110245
22708	110531	6250000	110512	R23.11	110208	25-0105	110856
22709	110205	6260000	110212	R23.13	110601	25-0106	110367
22710	110214	6270000	111219	R23.14	111249	25-0106	110866
22711	110212	6330000	111218	R23.16	110512	25-0119	110421
22713	110212	6340000	110980	R23.17	110512	25-0120	110835
22714	112117	201003020.0	110612	R23.18	110534	25-0121	110152
22715	111231	274020.0	111621	R23.21	110535	25-0125	110409
22718	112119	283020.1	111148	R23.23	110209	25-0125	110537
22801	110537	803000.2	110352	R23.24	110932	25-0126	111054
22802	111217	A115-03	110612	R23.25	110512	25-0127	111054
22806	110539	A115-43	110612	R23.26	110212	25-0134	110363
36197	112509	A124-14	110349	R23.33	111218	25-0138	110292
36368	110429	A124-15	110350	R23.34	110980	25-0141	110439
36380	112512	A124-44S	110350	R80.02	110365	25-0142	110818
36383	110433	A124L	110349	R80.04	111025	25-0148	111068
36384	110433	A124N	110611	R80C	111585	25-0155	110536
36392	110429	A125-02	110612	R80C1	111585	25-0157	110536
36501	112522	A125-07	111086	R80K	111025	25-0162	113482
36504	110434	A125-09	110348	R80Z	110338	25-0171	111104
36507	110434	A125-45B	110612			25-0173	111088
36511	112523	A125-45C	111036	<b>ELSTOCK</b>		25-0177	111791
36531	112524	A125-55E	111687	20-2041	112125	25-0181	110144
36561	112487	A125-55G	111621	24-0001	114044	25-0188	110368
36568	112520	A125-55S	110348	25-0007	110155	25-0189	110525
36569	112521	A125-55T	111687	25-0008	110450	25-0198	112660
36576	111091	A125-65B	111148	25-0008	110493	25-0199	110858
36588	112137	A155-55D	111086	25-0008	110551	25-0201	110615
36608	112487	ALT2N-14	110968	25-0013	111102	25-0201	111737
36609	112487	B76-0.5/12	110608	25-0013	111103	25-0201	113534
36611	112524	E100L-1.5/12	110352	25-0015	110459	25-0203	113705
36627	112527	E80C	110365	25-0016	110449	25-0208	111752
36631	112527	R10.03	110550	25-0016	110450	25-0210	110551
36644	112138	R10.05	110520	25-0018	110409	25-0218	112308
36654	112138	R10.06	110550	25-0018	110537	25-0220	113467
36657	112140	R10.07	110550	25-0018	111217	25-0221	111054
36658	112140	R10.08	110523	25-0019	111102	25-0226	110529
36676	111092	R100.03	110352	25-0025	111100	25-0226	110813
36681	112487	R100.3	110352	25-0033	110142	25-0227	111221
36698	112137	R10B	110550	25-0035	110332	25-0227	111755
36703	112487	R10G	110550	25-0036	110142	25-0230	110396
36711	112481	R10TA	110520	25-0037	110536	25-0232	111752
36721	112482	R10U	110550	25-0040	110439	25-0235	111112
36752	112484	R11.01	110545	25-0041	110443	25-0240	110308
36754	112484	R11.02	110551	25-0041	110565	25-0241	111124
36799	112864	R11.03	110522	25-0041	111346	25-0243	112296
36806	112317	R11.06	110545	25-0046	110352	25-0246	110216
36807	112317	R11.07	110529	25-0046	110826	25-0246	110218
36808	112318	R11.10	110545	25-0048	110365	25-0246	111277
36809	112318	R11.12	110536	25-0048	111585	25-0246	111786
		R11A	110545	25-0049	110338	25-0246	112897
<b>ELMOT</b>		R11B	110551	25-0060	110462	25-025	111100
0050000	110210	R11C	110522	25-0062	110465	25-0250	110440
0060000	111046	R11F	110545	25-0063	110818	25-0257	111211
0070000	110213	R11K	110536	25-0064	110462	25-0262	110525
0090000	110531	R11N	110545	25-0064	111499	25-0264	110537
0100000	110531	R11W	110529	25-0064	112074	25-0264	111217
0120000	110531	R20.17	110512	25-0065	110462	25-0270	111001
0130000	110214	R20.24	110532	25-007	110157	25-0271	110836
0140000	110212	R20.28	110214	25-0070	110462	25-0272	110608
0150000	110211	R20.42	110210	25-0070	110465	25-0274	110812
0160000	110212	R20D1	110214	25-0072	112039	25-0275	111001
0220000	110205	R20W	110532	25-0073	110775	25-0276	111560
0380000	111231	R20Z	110512	25-0074	110145	25-0277	112007

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
25-0280	110461	25-0430	114254	25-1028	110584	25-1142	111458
25-0280	112251	25-0431	111064	25-1029	112136	25-1143	111543
25-0282	110536	25-0432	111755	25-1030	111346	25-1146	111728
25-0285	111224	25-0433	110462	25-1034	111108	25-1147	113846
25-0287	110530	25-0434	110809	25-1039	111120	25-1148	111130
25-0287	111001	25-0436	110809	25-1041	112295	25-1149	110295
25-0290	111211	25-0436	111461	25-1042	111117	25-1150	110485
25-0298	110157	25-0439	110157	25-1044	110323	25-1151	110412
25-0298	110158	25-0441	112089	25-1045	110397	25-1151	111559
25-0298	110315	25-0443	110717	25-1046	110351	25-1151	111683
25-0298	110479	25-0444	110386	25-1048	110485	25-1152	112478
25-0299	110860	25-0444	110719	25-1049	110396	25-1152	113690
25-0301	110793	25-0446	110389	25-1050	111683	25-1153	111007
25-0303	111064	25-0448	111694	25-1051	111004	25-1155	111127
25-0307	110399	25-0450	110280	25-1052	111310	25-1157	110182
25-0308	110624	25-0451	110793	25-1053	111619	25-1158	110810
25-0309	113036	25-0452	110867	25-1055	110491	25-1159	111246
25-0314	111055	25-0453	110585	25-1056	110506	25-1160	110810
25-0315	110545	25-0453	111251	25-1057	111118	25-1163	112674
25-0318	111070	25-0453	113481	25-1057	111423	25-1164	110447
25-0319	110367	25-0453	113753	25-1058	110844	25-1165	110574
25-0319	110866	25-0455	110847	25-1059	112173	25-1165	111805
25-0321	110708	25-0455	111056	25-1061	110417	25-1166	110713
25-0323	111068	25-0457	111061	25-1062	110485	25-1166	111455
25-0324	111217	25-0458	110386	25-1063	111472	25-1167	111728
25-0328	110808	25-0458	110719	25-1064	110311	25-1170	110602
25-0334	110443	25-0459	110355	25-1065	111115	25-1171	111030
25-0337	111332	25-0461	110519	25-1067	110308	25-1173	110469
25-0339	110529	25-0462	111047	25-1069	110368	25-1176	110551
25-0339	110640	25-0463	111386	25-1070	110519	25-1177	110280
25-0339	110813	25-0465	110813	25-1072	110310	25-1178	111332
25-0340	110814	25-0466	110809	25-1073	110439	25-1180	110486
25-0341	110454	25-0466	111461	25-1074	110574	25-1183	111304
25-0343	113380	25-0466	111565	25-1074	111805	25-1184	111228
25-0346	113199	25-0468	110837	25-1075	114318	25-1184	112124
25-0352	113269	25-0472	110522	25-1076	111106	25-1190	111404
25-0353	110774	25-0475	110400	25-1077	113134	25-1191	111214
25-0355	110442	25-0476	110412	25-1080	111423	25-1192	111421
25-0355	110443	25-0480	110155	25-1080	112125	25-1193	111544
25-0356	111208	25-0480	110256	25-1081	111706	25-1198	111130
25-0356	113268	25-0480	111452	25-1082	110865	25-1198	113443
25-0362	113465	25-0482	111065	25-1082	111010	25-1199	111129
25-0370	111055	25-0482	112440	25-1083	110720	25-1201	110421
25-0371	111102	25-0483	110156	25-1084	110245	25-1201	111475
25-0373	111793	25-0484	110454	25-1085	110933	25-1202	110720
25-0376	110587	25-0484	110465	25-1086	111047	25-1204	111445
25-0379	110145	25-0486	110246	25-1087	110421	25-1205	110249
25-0379	111458	25-0487	113482	25-1088	110551	25-1205	110312
25-0383	111109	25-0489	111120	25-1089	110842	25-1205	111442
25-0383	111125	25-0489	112537	25-1089	111981	25-1208	110260
25-0385	113847	25-0490	111131	25-1090	111270	25-1208	110411
25-0395	110149	25-0492	110719	25-1094	111021	25-1213	110336
25-0396	110862	25-0493	112289	25-1096	110718	25-1213	112536
25-0401	110144	25-0495	110290	25-1097	110356	25-1214	111053
25-0401	110277	25-0495	113099	25-1099	111475	25-1214	111131
25-0401	110308	25-0497	110389	25-1102	110477	25-1216	112125
25-0402	110279	25-0498	110280	25-1103	110292	25-1219	110590
25-0403	110278	25-0498	110575	25-1106	111683	25-1220	110847
25-0403	110386	25-0499	111461	25-1107	110292	25-1220	111122
25-0404	110386	25-1003	110819	25-1109	110933	25-1222	110807
25-0405	110386	25-1004	110717	25-1109	112178	25-1223	110472
25-0406	110839	25-1006	111025	25-1109	112185	25-1224	110947
25-0406	110996	25-1007	110817	25-1113	112246	25-1225	111015
25-0407	111070	25-1008	110839	25-1114	110149	25-1228	111548
25-0408	111120	25-1010	110573	25-1114	110808	25-1228	111874
25-0409	111347	25-1011	113380	25-1115	110144	25-1231	111449
25-0411	111114	25-1012	110518	25-1117	110312	25-1232	110312
25-0411	112541	25-1013	111060	25-1117	111442	25-1232	111442
25-0413	111332	25-1015	110365	25-1117	113399	25-1234	113428
25-0416	111451	25-1016	110253	25-1118	111752	25-1238	111131
25-0418	111386	25-1017	111448	25-1119	110438	25-1239	112214
25-0418	111554	25-1022	110460	25-1128	111560	25-1240	111490
25-0418	111564	25-1023	112533	25-1129	111114	25-1240	112301
25-0419	110708	25-1024	113307	25-1130	110310	25-1242	110539
25-0420	110583	25-1025	110473	25-1131	111098	25-1246	111608
25-0420	111262	25-1025	110583	25-1132	112173	25-1250	110820
25-0423	110485	25-1025	111262	25-1136	110291	25-1252	111851
25-0425	110996	25-1026	110867	25-1137	110866	25-1253	110260
25-0430	110545	25-1026	112290	25-1139	110311	25-1254	110584

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
25-1254	111994	25-1377	112166	25-2009	110808	25-2098	111347
25-1255	113443	25-1380	111785	25-2010	112235	25-2100	111425
25-1256	110851	25-1390	110568	25-2011	113451	25-2101	113750
25-1258	111182	25-1396	112213	25-2012	112141	25-2102	110847
25-1261	110394	25-1396	112214	25-2012	112235	25-2103	111865
25-1262	111447	25-1398	111552	25-2013	112819	25-2105	112459
25-1263	110520	25-1400	110443	25-2015	111131	25-2106	111904
25-1263	111118	25-1405	111608	25-2015	111750	25-2107	111492
25-1264	113389	25-1406	111464	25-2016	112817	25-2108	113443
25-1265	110315	25-1407	111454	25-2017	111070	25-2109	111197
25-1265	110811	25-1408	113239	25-2018	111566	25-2110	112555
25-1268	110640	25-1410	110565	25-2020	110485	25-2111	113674
25-1268	113381	25-1411	113168	25-2021	111900	25-2112	111851
25-1269	111131	25-1415	112039	25-2021	112438	25-2114	113132
25-1269	111269	25-1416	110819	25-2025	111300	25-2117	110569
25-1270	110538	25-1417	111551	25-2026	111508	25-2118	113361
25-1273	112374	25-1418	113307	25-2027	111446	25-2120	111685
25-1275	111544	25-1420	111047	25-2028	111456	25-2121	113430
25-1276	111136	25-1425	111274	25-2029	112308	25-2122	112370
25-1278	111055	25-1427	111451	25-2030	112267	25-2123	113179
25-1278	111123	25-1432	111387	25-2031	111070	25-2124	114106
25-1278	111127	25-1432	112336	25-2031	114460	25-2125	110216
25-1281	111251	25-1433	110808	25-2032	112454	25-2125	111786
25-1283	111241	25-1433	111273	25-2034	111492	25-2126	110356
25-1284	111305	25-1434	112321	25-2036	111456	25-2126	110938
25-1289	111030	25-1435	112267	25-2037	112818	25-2126	111299
25-1292	110368	25-1436	110627	25-2040	111885	25-2127	113966
25-1293	110578	25-1437	113483	25-2041	111423	25-2128	111123
25-1295	112309	25-1439	110337	25-2041	112125	25-2129	113024
25-1303	110854	25-1441	111069	25-2042	111349	25-2131	113346
25-1305	112455	25-1443	110530	25-2043	113137	25-2136	111552
25-1307	112290	25-1444	110530	25-2045	112295	25-2137	110713
25-1308	111559	25-1447	112125	25-2048	111906	25-2138	113389
25-1311	112167	25-1448	111214	25-2049	112307	25-2139	113444
25-1312	112306	25-1450	110953	25-2049	113750	25-2140	110572
25-1314	111311	25-1451	111441	25-2050	111906	25-2140	113668
25-1315	110811	25-1452	110486	25-2051	112124	25-2142	111307
25-1316	113135	25-1454	111472	25-2052	113481	25-2142	113040
25-1317	111556	25-1458	111303	25-2055	111136	25-2143	112277
25-1317	111682	25-1459	111222	25-2056	111730	25-2144	112295
25-1319	112321	25-1460	111459	25-2057	110149	25-2147	111446
25-1321	110308	25-1464	110157	25-2057	110808	25-2147	111544
25-1322	111127	25-1466	112034	25-2058	111030	25-2148	111685
25-1324	111749	25-1466	112171	25-2060	113022	25-2149	111451
25-1326	110295	25-1466	113307	25-2062	110840	25-2150	112300
25-1329	111029	25-1471	112542	25-2063	112374	25-2153	112365
25-1334	111131	25-1472	111693	25-2064	111485	25-2154	111005
25-1335	111312	25-1473	112034	25-2065	110279	25-2157	111421
25-1336	111182	25-1478	112083	25-2066	111728	25-2158	111685
25-1337	111070	25-1480	111422	25-2067	111574	25-2159	110958
25-1338	111404	25-1480	112382	25-2068	111549	25-2160	113041
25-1339	111909	25-1481	111759	25-2069	111382	25-2161	113023
25-1339	112286	25-1482	110602	25-2070	111312	25-2161	113508
25-1340	111562	25-1483	111034	25-2071	111310	25-2162	113702
25-1341	111305	25-1483	112911	25-2072	111065	25-2163	111762
25-1342	110720	25-1484	111080	25-2072	112440	25-2164	113231
25-1343	110809	25-1484	111473	25-2075	111630	25-2166	113752
25-1343	111461	25-1484	111608	25-2075	112289	25-2167	113387
25-1344	110712	25-1485	112034	25-2076	110485	25-2168	111006
25-1345	111312	25-1486	111548	25-2077	111310	25-2171	111634
25-1346	111546	25-1487	110530	25-2077	111475	25-2172	111242
25-1348	111560	25-1489	112041	25-2078	112175	25-2176	111063
25-1349	111303	25-1490	112541	25-2079	111848	25-2176	111124
25-1351	111442	25-1491	113025	25-2080	112053	25-2177	110585
25-1355	111748	25-1493	111488	25-2081	111420	25-2177	113753
25-1355	111909	25-1496	110933	25-2082	111821	25-2181	112125
25-1356	111984	25-1497	110709	25-2083	113459	25-2182	111554
25-1357	110842	25-1499	110216	25-2084	113701	25-2183	112341
25-1361	112052	25-1499	112897	25-2085	112659	25-2185	111996
25-1363	112013	25-1522	112270	25-2086	111197	25-2187	112251
25-1364	111131	25-155	110536	25-2087	111224	25-2189	111087
25-1364	111750	25-1629	110770	25-2088	111550	25-2190	111690
25-1365	111694	25-181	110144	25-2089	110940	25-2191	111641
25-1369	111525	25-2000	110397	25-2091	110415	25-2191	112295
25-1371	110590	25-2001	110468	25-2094	110552	25-2192	110575
25-1373	111023	25-2004	111189	25-2095	112074	25-2192	111506
25-1373	112983	25-2005	111476	25-2096	111874	25-2193	111970
25-1375	111506	25-2005	111565	25-2096	112006	25-2194	110447
25-1376	112215	25-2008	112268	25-2097	111534	25-2195	111333

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
25-2195	113605	25-2315	111370	25-2462	111849	25-3129	114174
25-2197	110437	25-2316	111724	25-2463	112821	25-3131	113515
25-2202	111785	25-2317	111682	25-2464	113725	25-3135	112818
25-2203	111125	25-2318	112240	25-2466	113794	25-3137	111586
25-2204	112236	25-2319	112582	25-2467	112295	25-3140	110411
25-2205	111908	25-2319	113103	25-2471	112431	25-3148	112442
25-2207	112340	25-2320	110226	25-2473	111334	25-3153	110485
25-2209	111333	25-2320	110227	25-2474	112438	25-3157	110447
25-2210	112124	25-2321	111855	25-2477	112006	25-3159	113339
25-2211	111912	25-2324	110587	25-2484	113299	25-3161	113761
25-2215	110831	25-2326	112276	25-2485	112435	25-3162	111260
25-2216	111763	25-2327	110941	25-2486	112013	25-3163	110588
25-2218	113665	25-2329	111446	25-2489	113662	25-3168	113303
25-2220	111680	25-2330	111300	25-2490	114460	25-3170	111619
25-2225	111900	25-2331	112080	25-2491	114119	25-3173	114308
25-2225	111909	25-2336	111849	25-2492	112014	25-3175	114321
25-2226	112442	25-2339	111851	25-2493	113761	25-3180	111699
25-2229	111905	25-2339	112440	25-2494	110460	25-3182	113281
25-2230	110341	25-2340	112084	25-2497	113749	25-3183	112388
25-2230	110847	25-2341	110450	25-2499	111849	25-319	110367
25-2231	111900	25-2343	110411	25-2504	113271	25-3197	111550
25-2231	112286	25-2347	112040	25-270	111304	25-3200	113521
25-2232	112026	25-2348	112304	25-3002	113430	25-3203	113325
25-2232	112436	25-2349	113445	25-3008	113115	25-3205	112367
25-2234	113649	25-235	110368	25-3009	111994	25-3213	113323
25-2235	113040	25-2350	110310	25-3010	112475	25-3218	113509
25-2239	111784	25-2351	110626	25-3011	113346	25-3219	113842
25-2241	112172	25-2354	111931	25-3018	111865	25-3220	113841
25-2242	110157	25-2356	111442	25-3024	112430	25-3222	114163
25-2242	110292	25-2357	112172	25-3025	110158	25-3229	113122
25-2243	112005	25-2359	114439	25-3031	111848	25-3233	110315
25-2245	112133	25-2363	111995	25-3033	111786	25-3237	111784
25-2246	112533	25-2364	110617	25-3038	111905	25-3241	111473
25-2246	113446	25-2368	110421	25-3039	111805	25-3242	112301
25-2247	113644	25-2369	113207	25-3041	111456	25-3250	114162
25-2248	111684	25-2370	112103	25-3042	111251	25-3251	113513
25-2252	111564	25-2371	111851	25-3045	113965	25-3258	113276
25-2253	111751	25-2372	112217	25-3046	113282	25-3267	113937
25-2254	112553	25-2373	112036	25-3047	111276	25-3270	113964
25-2255	110602	25-2373	113238	25-3050	114123	25-3283	113962
25-2256	111823	25-2376	112429	25-3054	113481	25-3286	113929
25-2257	111585	25-2378	113206	25-3055	111422	25-3289	113256
25-2258	111455	25-2380	112369	25-3059	113182	25-3296	113933
25-226	110529	25-2381	113313	25-3061	113267	25-3305	113819
25-2263	111396	25-2382	111123	25-3062	112442	25-3309	113020
25-2264	111848	25-2384	112322	25-3063	112444	25-3312	112536
25-2265	111769	25-2387	112218	25-3065	112218	25-3315	112904
25-2266	113928	25-2390	111855	25-3068	113329	25-3330	113897
25-2267	112336	25-2393	113629	25-3069	112373	25-3336	113702
25-2268	110942	25-2394	111971	25-3070	113254	25-3342	113843
25-2269	111557	25-2395	112380	25-3073	112474	25-3344	110634
25-2270	112221	25-2399	111190	25-3075	112291	25-3348	113773
25-2272	113402	25-2402	111346	25-3076	113319	25-3358	113796
25-2276	113616	25-2404	113271	25-3077	114051	25-3365	114094
25-2278	111764	25-2406	111272	25-3079	111024	25-3378	111458
25-2281	111458	25-2407	111766	25-3081	111347	25-3381	112255
25-2282	110842	25-2411	112441	25-3083	110584	25-339	110529
25-2282	112277	25-2412	113638	25-3084	111070	25-3393	112579
25-2283	112016	25-2416	114123	25-3085	112534	25-3401	111065
25-2284	112911	25-2417	113446	25-3086	112053	25-3404	113108
25-2286	110178	25-2419	111422	25-3087	111123	25-3414	113959
25-2287	113745	25-2422	113314	25-3088	112445	25-3415	113756
25-2288	112341	25-2424	110323	25-3094	113314	25-3417	113860
25-2289	111273	25-2425	110249	25-3099	112497	25-3423	113719
25-2290	111455	25-2426	111551	25-3100	112475	25-3440	114171
25-2293	110222	25-2427	111755	25-3101	112497	25-3451	114237
25-2294	111554	25-2430	112214	25-3102	111347	25-3459	113046
25-2295	110354	25-2431	112135	25-3105	111874	25-3460	113906
25-2296	110223	25-2433	110510	25-3106	112436	25-3463	113910
25-2298	111258	25-2435	112135	25-3107	113927	25-3474	114052
25-2299	112267	25-2436	111969	25-3112	111034	25-3475	113937
25-2305	111374	25-2438	112033	25-3113	113481	25-3476	114074
25-2306	111786	25-2439	113318	25-3115	112295	25-3480	112547
25-2307	110836	25-2443	112846	25-3117	112439	25-3481	113797
25-2309	112536	25-2446	112320	25-3120	112476	25-3484	113797
25-2311	113757	25-2450	112440	25-3121	114316	25-3495	113907
25-2312	112897	25-2451	113677	25-3123	112071	25-3496	113911
25-2313	110464	25-2456	110394	25-3126	111333	25-3606	110238
25-2314	111703	25-2460	111499	25-3127	110958	25-3650	112208

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
25-4000	110552	26-1002	110602	27-0552	111652	27-2573	113051
25-4010	113926	26-1015	110365	27-0553	110759	27-2573	113060
25-4020	114029	26-1016	110253	27-0560	110349	27-2573	113061
25-4021	113303	26-1035	111059	27-0561	112098	27-2576	111192
25-4027	112646	26-1078	110862	27-0562	110133	27-2576	113051
25-4037	110839	26-1090	111270	27-0565	110735	27-2816	112067
25-4040	112083	26-1090	111425	27-0565	112098	27-2819	111814
25-4047	113696	26-1105	113845	27-0566	110735	27-2853	111384
25-4065	111844	26-1116	110421	27-0566	112098	27-2853	112031
25-4077	113119	26-1116	111475	27-0567	111141	27-2886	113059
25-4077	113312	26-1125	110402	27-0572	110077	27-2974	110248
25-4078	114328	26-1125	111385	27-0573	110925	27-3515	111795
25-4079	114021	26-1126	111561	27-0578	113376	27-3582	111813
25-4108	114167	26-1133	111131	27-0580	110745	27-3585	111813
25-432	111755	26-1134	111059	27-0595	110137	27-3591	110237
25-472	110522	26-1134	111748	27-0595	110138	27-3600	113053
25-495	110178	26-1168	110865	27-0595	110258	27-3600	113054
26-0010	110997	26-1175	111400	27-0595	111195	27-3603	113063
26-0011	110997	26-1210	111107	27-0596	110138	27-3641	111615
26-0012	110865	26-1212	113844	27-0596	110139	27-3643	111530
26-0014	113745	26-1237	111030	27-0596	113048	27-3716	112833
26-0024	110772	26-1238	111131	27-0616	111096	27-3787	112142
26-0024	111052	26-1238	111750	27-0624	112098	27-3789	112143
26-0054	110336	26-1280	112172	27-0625	110239	27-3829	111384
26-0054	110831	26-1285	110831	27-0630	110641	27-3849	113058
26-0054	111030	26-1290	111911	27-0631	110048	27-3893	111815
26-0054	111104	26-1290	114118	27-0631	110127	27-3895	113235
26-0055	110831	26-1305	112455	27-0648	110975	27-3945	113067
26-0055	110870	26-1313	111751	27-0655	110887	27-3963	113708
26-0068	110771	26-1315	110811	27-0690	110138	27-4696	113709
26-0069	110868	26-1319	112321	27-0708	111071	27-4698	113709
26-0074	110145	26-1323	112131	27-0721	110611	27-4813	114129
26-0077	110145	26-1352	110824	27-0722	110105	27-4830	113710
26-0086	110364	26-1352	111010	27-0723	111289	27-4838	113912
26-0088	110364	26-1359	110616	27-0724	111086	27-4887	113803
26-0099	110341	26-1359	112131	27-0730	110105	27-4932	113922
26-0118	110774	26-1362	111107	27-0730	111649	27-4933	113849
26-0152	111058	26-1424	110840	27-0747	110931	27-4968	113710
26-0171	111104	26-1434	112321	27-0750	110745	27-522	110128
26-0205	110790	26-1446	111489	27-0761	110542	27-5540	112067
26-0207	110869	26-1453	113845	27-0761	111043	27-5559	114111
26-0215	111054	26-1494	111385	27-0764	110273	27-562	110133
26-0216	111053	26-2033	113172	27-0765	110138	27-5651	113883
26-0217	110337	26-2054	112455	27-0765	110139	27-595	110137
26-0217	111053	26-2074	111209	27-0765	113048	27-595	110258
26-0217	111123	26-2099	111865	27-0767	110138	27-596	110137
26-0217	111131	26-2104	111817	27-0770	110127	27-631	111053
26-0225	110825	26-2133	110221	27-0775	110170	27-655	110887
26-0229	110154	26-2238	111911	27-0796	110138	28-0080	110440
26-0238	110152	26-2277	110414	27-0821	110274	28-0285	111224
26-0244	110824	26-2280	112910	27-0832	110075	28-0500	110357
26-0304	110835	26-2280	112913	27-0837	110139	28-0500	110726
26-0306	111865	26-2287	113745	27-0837	110178	28-0500	110880
26-0308	110624	26-2301	110218	27-0837	110250	28-0500	111653
26-0314	111055	26-2301	111277	27-0842	111483	28-0502	110357
26-0314	111127	26-2301	112897	27-0842	112054	28-0502	110975
26-0317	110831	26-2366	111277	27-0926	110164	28-0502	111652
26-0325	110840	26-2391	111699	27-0970	110248	28-0502	111653
26-0369	113097	26-3000	113925	27-1518	110138	28-0505	110179
26-0376	110587	26-3012	113446	27-1538	110258	28-0506	110357
26-0378	110869	26-3033	111786	27-1552	110542	28-0506	110913
26-0384	110840	26-3147	113292	27-1609	111483	28-0506	110975
26-0386	110862	26-3167	111786	27-1618	111042	28-0506	111652
26-0392	111052	26-3201	114127	27-1802	111483	28-0506	112098
26-0393	110825	26-3314	112390	27-1802	112054	28-0506	112763
26-0393	111228	26-3376	111911	27-1806	110129	28-0509	110178
26-0393	112289	26-395	110808	27-1886	110137	28-0509	110759
26-0395	110149	26-415	110178	27-1889	110137	28-0509	111185
26-0395	110808	27-0504	110237	27-1898	111615	28-0509	113378
26-0395	111310	27-0510	110877	27-1941	111483	28-0510	110877
26-0397	110838	27-0513	110743	27-1941	112054	28-0510	112310
26-0424	111058	27-0521	110128	27-2510	111483	28-0511	111620
26-0424	113483	27-0521	110264	27-2526	111686	28-0511	111654
26-0426	111058	27-0522	110129	27-2569	111193	28-0511	111686
26-0455	111056	27-0522	110131	27-2569	113055	28-0512	110990
26-0464	110160	27-0535	110611	27-2569	113056	28-0514	110745
26-0464	111489	27-0537	110899	27-2571	111191	28-0516	111652
26-1000	110838	27-0538	110611	27-2571	113050	28-0517	110882
26-1001	110864	27-0552	110726	27-2571	113052	28-0517	110890

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
28-0517	111418	28-0672	111085	28-0760	110911	28-0849	110914
28-0519	112771	28-0672	112753	28-0761	112310	28-0849	110972
28-0522	110131	28-0675	110358	28-0763	112968	28-0849	111168
28-0522	110168	28-0675	110968	28-0768	110881	28-0850	110445
28-0522	110307	28-0678	112728	28-0772	112742	28-0851	111093
28-0523	111860	28-0680	112270	28-0773	110882	28-0852	111705
28-0523	112453	28-0682	110140	28-0773	110890	28-0853	110684
28-0524	111428	28-0683	110048	28-0773	110912	28-0854	110913
28-0527	111364	28-0683	110127	28-0773	111686	28-0854	111083
28-0527	111948	28-0683	111397	28-0773	112719	28-0857	110131
28-0533	112112	28-0685	111667	28-0773	112768	28-0857	110168
28-0534	111397	28-0688	111139	28-0776	111043	28-0857	110383
28-0537	110899	28-0693	110754	28-0777	113032	28-0858	111178
28-0537	111035	28-0693	110975	28-0790	110877	28-0858	111800
28-0537	111180	28-0696	110168	28-0793	110233	28-0859	110358
28-0538	110912	28-0696	110703	28-0793	110508	28-0861	110920
28-0538	111138	28-0700	110875	28-0794	110178	28-0861	111082
28-0543	110178	28-0700	110876	28-0794	110770	28-0861	112728
28-0543	110179	28-0701	110880	28-0794	111086	28-0863	110925
28-0544	110179	28-0701	110911	28-0794	111356	28-0863	111891
28-0545	110891	28-0701	110975	28-0794	111362	28-0864	110972
28-0548	111184	28-0705	111179	28-0794	111364	28-0864	111168
28-0548	113378	28-0706	110916	28-0794	111366	28-0865	110972
28-0560	110350	28-0706	111075	28-0794	111368	28-0865	111168
28-0561	112098	28-0708	111071	28-0795	111289	28-0867	111178
28-0563	110134	28-0708	111659	28-0797	110972	28-0869	110923
28-0563	110168	28-0709	111144	28-0797	111656	28-0869	111093
28-0563	110383	28-0717	110891	28-0797	113376	28-0870	111093
28-0567	110751	28-0717	111086	28-0798	110694	28-0871	113574
28-0573	110925	28-0717	111176	28-0799	111168	28-0874	110993
28-0573	111841	28-0717	113574	28-0799	111800	28-0877	110612
28-0576	110264	28-0718	110612	28-0799	112056	28-0877	111078
28-0577	111166	28-0718	111035	28-0800	110496	28-0877	111138
28-0577	111178	28-0718	111148	28-0800	110681	28-0877	111687
28-0577	111800	28-0718	113473	28-0800	111705	28-0879	110707
28-0578	111656	28-0720	110612	28-0801	110916	28-0880	110702
28-0578	113376	28-0720	111035	28-0801	111075	28-0881	111173
28-0580	110897	28-0723	110178	28-0802	111076	28-0886	110702
28-0582	110759	28-0723	110759	28-0802	112162	28-0887	110660
28-0582	112683	28-0723	110968	28-0804	110991	28-0887	110957
28-0584	110767	28-0723	111289	28-0804	111035	28-0888	110630
28-0585	110744	28-0723	113474	28-0805	110107	28-0891	112753
28-0594	110975	28-0724	110969	28-0805	111948	28-0892	111321
28-0598	110178	28-0724	111086	28-0807	110264	28-0892	112463
28-0603	112768	28-0724	111356	28-0809	110770	28-0892	113839
28-0604	111289	28-0724	111364	28-0809	111176	28-0893	110697
28-0604	113474	28-0725	110178	28-0809	111289	28-0893	111290
28-0606	113574	28-0725	110759	28-0809	111355	28-0894	110677
28-0607	110970	28-0725	110968	28-0809	111362	28-0903	111075
28-0607	111948	28-0725	111086	28-0809	111366	28-0904	110675
28-0608	111086	28-0725	111289	28-0812	111147	28-0904	110927
28-0608	111364	28-0726	110178	28-0813	111155	28-0905	111841
28-0616	111096	28-0726	110969	28-0815	110889	28-0906	111071
28-0619	110913	28-0726	111086	28-0817	110880	28-0906	111659
28-0619	111083	28-0726	111364	28-0817	110881	28-0907	111289
28-0620	110360	28-0727	110770	28-0819	110897	28-0908	111267
28-0620	110913	28-0727	111289	28-0819	111155	28-0910	111397
28-0623	110503	28-0727	111366	28-0820	111155	28-0911	110914
28-0627	110916	28-0730	110105	28-0820	111156	28-0912	110318
28-0628	110969	28-0730	111649	28-0825	110075	28-0913	111149
28-0633	110641	28-0733	111036	28-0825	110233	28-0913	112740
28-0635	110968	28-0733	111621	28-0825	110505	28-0914	112754
28-0637	110178	28-0736	110875	28-0825	110508	28-0917	113793
28-0639	111072	28-0738	110730	28-0825	111250	28-0918	110687
28-0642	112149	28-0739	111141	28-0826	110679	28-0918	110806
28-0645	110877	28-0742	111141	28-0827	110168	28-0922	110607
28-0647	111287	28-0745	110897	28-0827	110458	28-0922	111754
28-0650	110178	28-0747	110931	28-0828	111799	28-0925	111172
28-0650	111185	28-0748	111139	28-0830	110706	28-0927	113611
28-0650	111289	28-0754	110744	28-0831	110697	28-0929	112730
28-0650	113378	28-0754	110769	28-0831	111290	28-0931	110699
28-0651	110179	28-0754	111072	28-0836	110318	28-0931	110706
28-0651	111184	28-0754	111171	28-0836	110672	28-0932	110923
28-0652	111661	28-0754	111172	28-0836	110805	28-0932	113866
28-0654	110880	28-0754	111322	28-0839	110702	28-0933	110105
28-0655	111153	28-0757	110896	28-0842	114203	28-0934	110496
28-0657	112270	28-0757	111287	28-0845	111595	28-0934	110620
28-0662	110492	28-0759	110971	28-0846	110921	28-0934	110628
28-0663	110136	28-0759	110975	28-0847	110908	28-0934	110678

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-0935	111288	28-1527	111291	28-1615	110178	28-1704	113789
28-0935	112763	28-1529	110385	28-1615	111185	28-1706	112765
28-0936	111074	28-1531	110662	28-1616	111654	28-1708	112769
28-0937	111288	28-1532	110458	28-1620	110802	28-1708	113789
28-0937	111801	28-1533	110680	28-1621	110802	28-1709	112795
28-0937	112763	28-1534	110168	28-1623	112762	28-1710	111326
28-0938	111074	28-1534	110307	28-1624	111175	28-1712	113487
28-0940	110107	28-1535	111048	28-1625	112750	28-1713	111661
28-0940	111653	28-1536	111606	28-1626	111215	28-1715	110959
28-0941	112149	28-1539	110406	28-1628	111176	28-1715	111710
28-0943	110919	28-1540	110676	28-1628	111738	28-1717	111144
28-0944	111539	28-1540	110679	28-1628	112238	28-1721	113187
28-0944	112149	28-1541	111144	28-1629	110770	28-1722	110803
28-0945	111653	28-1542	111948	28-1629	111355	28-1723	110804
28-0945	112735	28-1544	111337	28-1629	112238	28-1724	112736
28-0946	110726	28-1545	111170	28-1629	112722	28-1726	111290
28-0946	111653	28-1546	111325	28-1629	113574	28-1727	110406
28-0948	110902	28-1546	112756	28-1631	111163	28-1729	112739
28-0948	111141	28-1547	112744	28-1631	111171	28-1730	111166
28-0950	111287	28-1547	112751	28-1633	111148	28-1730	111170
28-0950	111801	28-1553	110505	28-1633	113472	28-1731	111361
28-0950	112763	28-1555	111236	28-1633	113473	28-1732	112093
28-0952	111152	28-1557	110406	28-1635	111308	28-1733	110920
28-0954	111154	28-1558	112234	28-1638	112788	28-1734	111686
28-0955	110911	28-1558	112729	28-1638	112813	28-1735	111035
28-0956	110896	28-1558	112798	28-1641	111610	28-1735	111148
28-0956	111095	28-1560	110965	28-1643	111279	28-1736	112780
28-0956	111287	28-1560	110967	28-1644	111578	28-1742	111226
28-0957	110913	28-1560	111606	28-1646	110632	28-1743	111267
28-0958	111094	28-1561	110682	28-1648	111432	28-1746	111264
28-0958	112149	28-1563	111139	28-1649	113077	28-1747	111294
28-0959	112744	28-1564	112270	28-1650	112056	28-1748	111747
28-0963	110693	28-1565	113793	28-1654	112755	28-1750	111536
28-0963	112970	28-1566	112127	28-1655	110666	28-1752	111154
28-0968	110374	28-1567	111503	28-1656	111166	28-1754	110877
28-0971	110348	28-1568	110667	28-1656	111800	28-1755	111237
28-0972	112725	28-1569	110663	28-1656	112056	28-1756	111317
28-0973	111948	28-1569	110689	28-1657	111620	28-1756	111959
28-0975	110685	28-1570	110700	28-1657	111654	28-1757	111315
28-0976	111577	28-1571	113347	28-1659	110686	28-1759	111364
28-0977	111692	28-1572	111176	28-1661	110618	28-1760	111605
28-0979	110692	28-1572	111741	28-1662	110619	28-1761	110383
28-0980	112162	28-1573	110564	28-1664	112781	28-1762	110968
28-0981	110965	28-1575	111147	28-1665	112782	28-1764	111418
28-0981	111606	28-1578	110891	28-1666	112760	28-1764	113838
28-0981	112719	28-1579	110678	28-1668	112557	28-1765	111094
28-0982	110890	28-1579	111705	28-1669	112453	28-1765	111539
28-0982	110912	28-1582	110540	28-1671	110682	28-1768	111352
28-0982	112768	28-1583	112746	28-1672	111268	28-1769	110891
28-0983	110805	28-1585	111147	28-1675	110385	28-1770	110685
28-0984	111670	28-1586	110360	28-1676	110696	28-1771	113632
28-0988	111799	28-1586	111035	28-1677	110956	28-1772	112740
28-0989	110235	28-1587	110691	28-1678	111469	28-1775	111620
28-0989	110505	28-1589	111187	28-1679	111372	28-1777	110770
28-0991	111164	28-1590	111160	28-1680	111166	28-1777	111355
28-0992	110607	28-1591	113474	28-1680	111656	28-1777	112722
28-0992	111754	28-1595	110622	28-1680	113376	28-1778	111620
28-0996	111036	28-1597	110496	28-1681	110405	28-1779	110406
28-0998	110881	28-1597	110681	28-1682	110267	28-1779	111408
28-0999	111428	28-1597	111705	28-1684	111360	28-1780	113519
28-1276	111428	28-1598	110664	28-1684	113920	28-1781	111278
28-1500	110701	28-1599	110769	28-1686	110682	28-1783	112718
28-1502	112727	28-1600	110405	28-1688	110663	28-1784	111238
28-1503	110620	28-1601	110891	28-1688	110689	28-1785	110967
28-1504	111048	28-1602	111740	28-1689	110692	28-1786	112797
28-1507	112162	28-1604	112730	28-1690	110406	28-1787	111166
28-1508	110664	28-1605	110744	28-1690	111408	28-1788	111342
28-1510	110890	28-1607	112734	28-1691	111169	28-1790	112759
28-1511	112297	28-1607	112785	28-1691	111800	28-1792	111356
28-1513	111185	28-1608	110916	28-1691	112056	28-1792	111362
28-1513	111289	28-1608	111075	28-1692	111429	28-1792	111364
28-1514	111662	28-1610	111403	28-1694	111705	28-1792	111368
28-1516	111157	28-1610	113839	28-1695	110679	28-1793	111535
28-1517	112764	28-1611	111800	28-1696	111243	28-1794	110264
28-1521	111240	28-1611	112056	28-1698	112270	28-1795	111267
28-1522	110264	28-1612	111166	28-1701	111339	28-1796	111432
28-1522	112270	28-1613	112729	28-1703	111166	28-1798	111434
28-1524	111616	28-1614	110660	28-1703	113376	28-1805	110659
28-1527	111290	28-1614	112531	28-1704	112769	28-1808	111491

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
28-1809	110405	28-1929	111477	28-2514	110607	28-2610	113463
28-1809	110660	28-1929	111820	28-2514	111623	28-2615	111325
28-1810	111578	28-1930	111611	28-2514	111742	28-2616	111433
28-1812	111314	28-1934	111437	28-2514	111754	28-2617	112802
28-1813	111578	28-1939	111352	28-2515	111327	28-2619	112712
28-1814	111291	28-1940	110701	28-2517	111692	28-2620	110678
28-1816	112777	28-1942	111605	28-2519	111316	28-2620	111705
28-1816	113758	28-1943	112777	28-2520	111148	28-2621	112681
28-1817	112806	28-1946	110048	28-2521	112751	28-2622	111872
28-1819	111741	28-1946	110127	28-2522	111507	28-2623	111179
28-1820	112299	28-1947	111152	28-2523	111602	28-2624	113789
28-1821	111579	28-1947	111154	28-2523	113441	28-2626	112557
28-1821	112860	28-1947	112149	28-2525	112538	28-2629	111601
28-1822	112810	28-1949	110127	28-2527	111266	28-2629	111963
28-1823	111427	28-1950	110882	28-2528	110693	28-2630	111689
28-1824	111171	28-1951	110985	28-2532	111200	28-2631	113447
28-1825	111139	28-1951	112337	28-2533	111517	28-2632	111582
28-1825	111149	28-1951	112338	28-2534	111237	28-2633	111353
28-1827	112734	28-1951	112629	28-2535	112777	28-2633	112543
28-1828	110631	28-1951	112640	28-2536	111951	28-2634	111807
28-1829	112092	28-1952	110127	28-2537	111518	28-2635	112691
28-1830	112046	28-1953	111354	28-2538	112529	28-2637	112698
28-1832	111687	28-1955	111309	28-2540	111518	28-2640	113622
28-1833	111676	28-1955	111375	28-2541	112031	28-2641	111309
28-1835	110881	28-1956	112529	28-2543	111355	28-2644	112492
28-1836	111280	28-1957	110621	28-2544	113632	28-2645	111832
28-1837	110905	28-1960	112329	28-2549	111343	28-2647	112081
28-1838	111178	28-1961	110687	28-2550	111354	28-2648	113531
28-1840	111363	28-1962	112298	28-2550	111369	28-2650	112558
28-1841	111609	28-1962	113438	28-2551	112683	28-2651	111689
28-1842	111169	28-1962	113439	28-2553	111144	28-2652	111812
28-1843	110770	28-1964	110499	28-2554	110806	28-2653	111891
28-1855	110967	28-1964	111202	28-2554	111929	28-2654	111704
28-1856	111265	28-1964	111388	28-2555	111435	28-2655	111929
28-1857	110696	28-1964	112621	28-2556	111739	28-2656	111958
28-1859	112809	28-1965	110612	28-2557	111176	28-2657	111955
28-1862	112765	28-1965	111176	28-2557	111289	28-2658	111318
28-1864	112793	28-1966	111940	28-2558	112746	28-2659	111831
28-1866	110105	28-1967	110675	28-2558	112815	28-2660	111287
28-1866	113632	28-1967	111428	28-2560	110923	28-2660	112799
28-1867	111705	28-1969	112299	28-2560	111354	28-2662	112121
28-1868	111538	28-1970	112230	28-2561	113034	28-2663	112530
28-1870	112229	28-1970	112292	28-2562	111406	28-2664	112694
28-1871	111426	28-1971	111807	28-2564	113074	28-2665	111428
28-1873	110233	28-1972	112750	28-2564	113162	28-2666	111872
28-1873	110505	28-1973	114026	28-2566	111811	28-2667	112557
28-1876	111800	28-1974	112558	28-2567	112151	28-2669	111202
28-1877	111279	28-1975	111082	28-2568	111266	28-2670	113921
28-1878	110770	28-1977	111732	28-2570	112100	28-2672	111292
28-1878	113474	28-1978	110360	28-2572	111223	28-2673	111036
28-1879	111176	28-1978	110913	28-2574	111888	28-2673	113471
28-1879	111293	28-1979	110984	28-2575	110234	28-2674	112231
28-1880	110267	28-1979	112635	28-2577	112627	28-2675	111513
28-1885	110607	28-1982	112208	28-2578	113894	28-2675	111722
28-1885	111623	28-1982	112970	28-2580	111164	28-2676	110675
28-1885	111754	28-1983	111285	28-2581	112207	28-2677	111482
28-1887	111741	28-1985	112183	28-2582	112687	28-2678	111620
28-1888	111948	28-1986	112087	28-2584	111267	28-2679	111498
28-1894	112098	28-1992	111148	28-2585	112687	28-2679	112791
28-1895	110496	28-1992	113472	28-2586	112789	28-2680	111532
28-1896	111186	28-1993	112810	28-2587	111988	28-2680	112467
28-1897	110325	28-1993	112813	28-2588	111477	28-2681	111267
28-1900	112967	28-1994	110659	28-2589	111733	28-2684	110672
28-1900	112968	28-1994	110957	28-2589	111898	28-2685	110178
28-1901	111141	28-1997	111048	28-2590	112692	28-2685	110891
28-1906	110622	28-1998	111173	28-2591	111820	28-2686	112532
28-1908	111467	28-2500	113865	28-2592	112703	28-2687	113604
28-1910	111406	28-2501	111367	28-2593	112682	28-2688	110140
28-1911	111511	28-2501	111743	28-2594	112287	28-2689	112689
28-1912	110769	28-2502	111226	28-2597	112701	28-2690	112230
28-1913	111514	28-2503	111171	28-2598	111520	28-2691	110759
28-1913	112558	28-2504	111411	28-2599	112102	28-2691	111086
28-1915	111173	28-2505	113441	28-2601	112800	28-2692	112768
28-1916	110675	28-2507	111048	28-2602	113838	28-2694	110703
28-1917	110631	28-2508	111959	28-2604	110986	28-2695	114084
28-1920	111479	28-2509	111803	28-2605	112860	28-2697	111413
28-1924	111235	28-2511	112331	28-2607	112679	28-2700	111689
28-1926	112967	28-2512	113441	28-2608	112764	28-2701	110360
28-1927	111952	28-2513	110993	28-2609	113832	28-2701	111083

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-2702	111319	28-2809	111279	28-2915	111514	28-3519	111289
28-2703	113865	28-2810	111633	28-2918	113576	28-3519	111362
28-2704	112325	28-2811	112375	28-2919	111322	28-3523	111825
28-2705	112456	28-2812	113785	28-2920	112705	28-3524	112406
28-2706	111416	28-2813	113758	28-2921	111887	28-3525	111779
28-2708	112065	28-2815	111946	28-2923	111514	28-3525	112425
28-2709	111688	28-2816	112067	28-2925	111893	28-3526	112704
28-2712	110907	28-2817	112708	28-2926	113833	28-3527	112696
28-2713	110496	28-2820	112708	28-2928	111858	28-3528	111625
28-2713	111729	28-2821	111289	28-2929	111718	28-3529	112194
28-2714	111537	28-2823	112352	28-2930	112785	28-3532	111032
28-2715	112069	28-2825	110622	28-2932	112772	28-3533	111722
28-2716	113533	28-2828	113914	28-2933	112805	28-3535	113879
28-2717	111505	28-2829	111993	28-2934	112753	28-3536	111626
28-2718	111894	28-2830	110805	28-2938	112086	28-3537	111285
28-2720	111733	28-2831	111337	28-2939	111018	28-3538	111626
28-2720	111991	28-2832	112209	28-2940	111843	28-3538	111956
28-2720	112709	28-2834	111828	28-2940	113531	28-3540	110660
28-2721	111409	28-2835	111289	28-2945	112792	28-3541	113077
28-2722	111733	28-2837	111675	28-2946	113498	28-3542	111468
28-2723	111625	28-2839	111381	28-2949	112692	28-3543	111714
28-2724	113536	28-2841	112094	28-2950	113864	28-3544	111480
28-2726	111963	28-2843	112798	28-2952	110105	28-3545	111627
28-2728	113939	28-2844	112128	28-2952	113632	28-3547	111381
28-2729	111511	28-2845	111802	28-2953	111375	28-3548	111806
28-2730	112528	28-2847	111824	28-2954	113498	28-3549	112543
28-2731	111403	28-2848	112205	28-2956	112780	28-3550	112362
28-2731	113839	28-2849	111756	28-2957	111934	28-3551	111966
28-2732	113667	28-2850	112530	28-2957	112695	28-3553	112025
28-2733	111860	28-2851	111478	28-2961	111095	28-3554	111337
28-2734	113537	28-2855	110724	28-2961	111287	28-3556	111294
28-2735	111505	28-2857	110990	28-2962	112710	28-3557	110235
28-2735	113537	28-2858	112035	28-2963	111850	28-3559	112025
28-2736	111468	28-2860	110471	28-2964	112043	28-3561	112450
28-2737	112558	28-2860	113767	28-2965	112234	28-3563	112770
28-2738	111716	28-2861	111405	28-2966	111512	28-3564	113076
28-2744	112098	28-2862	113770	28-2967	111857	28-3565	111902
28-2745	112056	28-2863	112680	28-2968	111980	28-3566	112021
28-2746	112775	28-2864	111820	28-2969	112692	28-3567	110679
28-2747	111500	28-2865	111397	28-2969	112809	28-3568	112202
28-2750	112356	28-2866	113611	28-2970	111878	28-3569	111902
28-2751	112191	28-2869	112165	28-2972	113634	28-3571	111416
28-2752	111354	28-2872	112330	28-2973	112709	28-3573	112556
28-2754	110770	28-2872	113291	28-2975	112198	28-3574	111934
28-2754	111738	28-2873	112348	28-2976	112531	28-3577	111416
28-2755	113831	28-2874	113383	28-2977	111787	28-3580	111568
28-2758	110699	28-2878	111871	28-2978	111294	28-3584	111712
28-2759	111594	28-2880	112557	28-2979	111989	28-3587	111388
28-2763	111898	28-2881	111232	28-2980	112355	28-3588	112126
28-2764	111223	28-2882	113485	28-2981	110912	28-3590	111157
28-2768	111469	28-2883	111978	28-2981	112719	28-3592	112042
28-2769	111902	28-2884	111353	28-2982	110629	28-3594	111820
28-2770	111319	28-2885	112722	28-2984	113868	28-3594	111884
28-2772	111515	28-2887	113788	28-2985	112079	28-3595	111252
28-2774	111376	28-2889	111776	28-2986	111946	28-3595	112842
28-2775	111389	28-2890	112351	28-2987	112719	28-3596	111353
28-2777	111899	28-2892	111797	28-2988	113887	28-3597	111090
28-2778	112801	28-2893	111369	28-2990	112002	28-3597	112877
28-2779	111579	28-2894	112578	28-2991	111883	28-3598	112448
28-2781	111623	28-2895	111719	28-2993	111940	28-3601	112075
28-2781	111742	28-2895	112679	28-2996	113340	28-3602	110234
28-2782	111587	28-2898	112387	28-2997	111846	28-3602	110235
28-2783	111890	28-2899	111826	28-2998	113785	28-3604	112884
28-2784	113469	28-2899	113869	28-2999	112324	28-3605	112613
28-2786	112228	28-2900	112328	28-3501	112100	28-3606	110238
28-2789	111624	28-2901	111726	28-3502	113350	28-3607	112804
28-2790	111903	28-2902	110503	28-3503	111623	28-3607	112811
28-2791	113783	28-2903	111767	28-3503	111742	28-3610	111199
28-2792	112556	28-2904	110957	28-3504	113867	28-3612	112194
28-2794	112558	28-2905	113786	28-3505	112540	28-3612	112774
28-2794	112775	28-2906	113519	28-3506	110500	28-3614	110683
28-2795	112688	28-2907	111175	28-3506	112639	28-3615	112774
28-2797	113500	28-2908	111883	28-3507	113349	28-3620	111535
28-2798	112698	28-2909	110496	28-3509	113885	28-3622	111854
28-2799	111956	28-2909	110681	28-3510	113832	28-3623	111435
28-2800	112349	28-2909	113636	28-3511	111788	28-3624	112699
28-2803	111598	28-2911	110882	28-3512	111318	28-3625	111468
28-2804	112129	28-2912	111264	28-3516	112812	28-3626	113879
28-2805	111017	28-2913	112796	28-3518	112750	28-3628	112639

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
28-3629	112679	28-3750	113336	28-3877	113577	28-4587	111850
28-3630	113754	28-3750	113943	28-3878	112095	28-4590	112801
28-3631	112358	28-3751	111355	28-3879	112750	28-4596	113249
28-3634	112418	28-3752	112460	28-3887	113751	28-4597	113517
28-3635	112357	28-3753	113684	28-3888	112416	28-4600	112467
28-3636	113341	28-3755	112458	28-3891	112471	28-4601	113336
28-3637	112078	28-3756	112193	28-3894	114241	28-4602	113697
28-3638	112332	28-3757	111740	28-3898	112068	28-4603	113247
28-3639	113406	28-3760	112273	28-3899	112128	28-4605	111075
28-3642	111375	28-3761	112058	28-3900	113882	28-4606	113503
28-3644	113888	28-3765	113035	28-3906	112102	28-4608	112695
28-3645	112195	28-3766	111779	28-3911	112774	28-4610	113245
28-3646	110471	28-3770	111890	28-3914	112408	28-4611	112397
28-3646	110508	28-3772	113405	28-3917	113870	28-4612	112470
28-3647	113942	28-3773	112492	28-3918	112939	28-4613	111568
28-3648	113403	28-3774	111722	28-3919	112002	28-4614	113248
28-3649	113576	28-3776	111775	28-3921	113889	28-4616	113771
28-3650	112208	28-3778	113442	28-3922	113404	28-4616	113772
28-3651	113624	28-3779	112539	28-3923	112420	28-4618	113246
28-3654	113876	28-3782	113085	28-3924	112463	28-4620	111308
28-3655	112199	28-3784	112274	28-3925	111048	28-4621	112426
28-3656	112627	28-3786	112353	28-3926	112465	28-4621WH	112426
28-3657	111990	28-3790	114583	28-3928	112413	28-4622	113404
28-3658	112270	28-3794	112075	28-3931	112413	28-4628	112457
28-3660	112144	28-3797	113763	28-3932	110487	28-4630	112401
28-3661	110659	28-3799	112338	28-3933	112093	28-4631	113322
28-3665	111708	28-3800	112065	28-3935	112073	28-4632	113599
28-3667	111741	28-3801	111823	28-3936	112415	28-4633	112471
28-3668	113486	28-3801	112196	28-3938	112144	28-4637	112327
28-3669	112144	28-3802	112059	28-3944	112414	28-4639	113536
28-3670	113848	28-3802	113485	28-3949	112469	28-4641	113272
28-3671	112548	28-3803	112480	28-3950	111775	28-4642	113298
28-3672	111779	28-3805	111725	28-3951	112414	28-4643	113317
28-3677	113848	28-3806	112363	28-3952	111895	28-4645	113913
28-3680	113489	28-3807	112407	28-3953	113836	28-4648	113336
28-3682	112206	28-3809	113089	28-3956	111950	28-4649	113280
28-3689	113489	28-3810	112327	28-3957	111507	28-4650	111947
28-3691	112194	28-3811	113306	28-3958	113518	28-4675	112406
28-3693	112031	28-3812	111710	28-3963	113708	28-4684	113787
28-3693	112979	28-3814	113285	28-3965	113403	28-4689	113950
28-3693	113315	28-3815	110499	28-3968	112358	28-4693	111355
28-3694	112072	28-3816	113575	28-3977	112791	28-4699	113324
28-3695	113603	28-3817	112079	28-3979	112063	28-4701	113272
28-3696	112998	28-3817	113952	28-3982	111934	28-4702	113755
28-3698	112045	28-3818	113440	28-3989	112419	28-4704	113948
28-3698	113770	28-3822	112354	28-3995	113952	28-4705	113523
28-3699	111934	28-3823	110630	28-4500	112472	28-4706	113331
28-3701	111723	28-3824	111018	28-4504	113317	28-4707	113875
28-3702	112458	28-3826	111605	28-4506	112715	28-4712	111772
28-3703	112193	28-3828	111895	28-4507	113486	28-4713	113874
28-3704	111943	28-3831	112327	28-4509	113771	28-4716	113352
28-3705	112397	28-3834	111538	28-4511	112359	28-4719	113283
28-3707	113864	28-3834	113201	28-4512	112468	28-4722	113264
28-3709	113275	28-3835	111830	28-4514	111780	28-4725	113951
28-3711	111953	28-3836	112636	28-4515	112648	28-4726	113439
28-3712	112079	28-3837	112460	28-4516	112328	28-4728	113944
28-3714	113200	28-3837	112461	28-4521	112401	28-4731	113253
28-3717	111781	28-3839	112271	28-4522	113942	28-4736	112772
28-3718	112529	28-3840	112428	28-4524	111932	28-4737	113407
28-3720	112197	28-3841	113296	28-4525	112399	28-4746	113718
28-3721	112333	28-3843	112062	28-4527	113939	28-4751	114215
28-3724	112396	28-3847	112428	28-4532	111364	28-4768	113954
28-3725	112077	28-3850	111965	28-4537	113300	28-4773	113992
28-3727	111937	28-3851	112462	28-4544	113404	28-4775	113889
28-3729	111216	28-3852	113519	28-4545	113328	28-4777	112416
28-3730	112777	28-3853	112402	28-4547	113352	28-4789	113872
28-3731	112389	28-3855	111678	28-4548	112428	28-4791	113872
28-3734	111944	28-3856	110959	28-4551	110488	28-4807	113790
28-3735	111478	28-3857	111719	28-4555	113404	28-4809	114101
28-3737	112190	28-3859	113330	28-4556	113878	28-4811	113884
28-3738	112057	28-3865	112399	28-4562	113296	28-4812	113896
28-3740	112203	28-3866	111847	28-4567	112415	28-4814	113657
28-3742	112777	28-3866	114114	28-4570	113263	28-4818	113252
28-3743	112194	28-3867	111967	28-4571	112330	28-4820	113720
28-3744	112425	28-3868	113283	28-4573	112693	28-4823	113439
28-3745	112394	28-3870	113407	28-4579	113335	28-4824	113685
28-3746	111895	28-3872	112398	28-4580	112360	28-4825	111402
28-3749	111826	28-3875	113285	28-4582	111309	28-4836	113871
28-3749	113869	28-3876	113510	28-4586	111850	28-4840	113519

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-4842	113279	28-773	110912	45-1271	111219	45-3007	112494
28-4849	113858	28-854	110913	45-1274	110534	45-3020	113979
28-4853	113316	28-946	110767	45-1286	112174	45-3066	112581
28-4866	113877	28-950	111154	45-1297	110981	45-3067	114033
28-4869	111884	45-0016	110566	45-1300	111003	45-3089	112507
28-4872	114242	45-0030	110531	45-1302	110207	45-3097	113277
28-4875	113837	45-0113	110527	45-1320	113466	45-3103	113468
28-4876	114122	45-0114	110214	45-1330	110616	45-3110	113356
28-4889	113718	45-0123	111218	45-1358	111983	45-3184	113676
28-4892	114258	45-0128	111249	45-1366	110980	45-3193	113484
28-4900	113784	45-0133	110205	45-1368	110582	45-3198	111003
28-4902	114024	45-0150	110211	45-1370	110535	45-3199	113466
28-4908	113792	45-0150	110212	45-1382	110580	45-3259	112822
28-4909	113722	45-0150	110213	45-1387	110560	45-3261	112823
28-4914	113721	45-0150	112118	45-1389	110557	45-3262	110211
28-4917	113535	45-0174	110524	45-1392	110580	45-3281	113609
28-4919	113919	45-0178	111637	45-1392	113499	45-3331	113468
28-4923	113956	45-0179	111636	45-1393	112649	45-3332	113759
28-4925	113955	45-0180	110209	45-1394	110556	45-3350	113760
28-4926	113996	45-0180	110932	45-1401	110555	45-3353	112498
28-4930	113404	45-0184	110534	45-1403	112120	45-3370	114169
28-4935	113720	45-0185	110206	45-1404	110556	45-3394	113453
28-4953	111712	45-0190	110210	45-1409	110555	45-3400	113608
28-4954	113197	45-0195	110474	45-1409	111020	45-3429	112227
28-4970	114257	45-0197	110207	45-1429	110524	45-3439	113934
28-4987	113536	45-0200	110205	45-1430	110209	45-3443	113891
28-4988	113837	45-0202	110520	45-1430	110932	45-3444	113859
28-4992	113956	45-0206	111218	45-1431	111637	45-345	110517
28-4994	112212	45-0219	110523	45-1445	111231	45-3468	114310
28-4998	114131	45-0219	113464	45-1462	110490	45-3494	113672
28-5502	114130	45-0228	110518	45-1463	112243	45-398	110521
28-5506	112021	45-0249	112651	45-1468	114438	45-4013	114073
28-5508	113881	45-0252	110517	45-1477	110524	45-4135	114193
28-5524	113791	45-0252	110521	45-1498	113191	45-4200	114323
28-5531	114042	45-0254	110531	45-184	110534	45-469	111231
28-5538	113330	45-0291	110206	45-202	110520	45-473	111231
28-5545	114109	45-0313	110212	45-2044	111097	47-0539	110766
28-5560	113904	45-0316	113484	45-2059	110347	47-0540	112097
28-5564	113861	45-0327	110208	45-2061	112627	47-0541	112097
28-5565	113791	45-0329	112091	45-2090	112323	47-0605	110052
28-5568	114245	45-0330	110212	45-2113	112372	47-0644	110127
28-5588	113862	45-0342	110998	45-2116	112116	47-0659	110116
28-5591	113958	45-0345	110517	45-2138	111679	47-0660	110766
28-5613	113902	45-0354	112132	45-2146	112090	47-0666	110113
28-5615	112860	45-0381	110212	45-2146	112091	47-0734	110766
28-5624	113898	45-0398	110521	45-2170	112342	47-0872	110052
28-563	110134	45-0399	110214	45-2173	114319	47-0884	111596
28-563	110383	45-0412	113466	45-2175	112055	47-0895	111331
28-5634	113600	45-0422	111638	45-2178	111910	47-0896	111331
28-5636	114189	45-0438	110999	45-2184	110206	47-0920	111613
28-5641	114102	45-0440	110347	45-2188	112055	47-1509	111597
28-5650	113941	45-0445	110467	45-2196	110944	47-1509	111613
28-5653	113758	45-0445	110616	45-2198	113850	47-1588	110563
28-5656	114088	45-0469	111231	45-2201	112224	47-1606	111484
28-5659	113863	45-0473	111231	45-2213	110999	47-2748	111613
28-5665	113302	45-0476	110723	45-2214	111254	48-0508	111295
28-5687	112457	45-0476	111393	45-2237	112117	48-0529	112747
28-5688	113285	45-0478	110616	45-2240	111399	48-0541	112097
28-5692	113946	45-0479	112119	45-2279	111771	48-0590	110043
28-5694	113987	45-0488	110208	45-228	110518	48-0590	110163
28-5703	113946	45-0496	111401	45-2308	113468	48-0590	111834
28-5715	113405	45-1005	111558	45-2332	111254	48-0591	110043
28-5716	113575	45-1027	111000	45-2333	111247	48-0591	110076
28-5718	113872	45-1038	113194	45-2345	111000	48-0591	111834
28-5727	111959	45-1060	110581	45-2353	112037	48-0636	112261
28-5733	114291	45-1071	110474	45-2360	112507	48-0638	112109
28-5760	111719	45-1091	111640	45-2361	113203	48-0644	110112
28-5763	112205	45-1095	111913	45-2375	110206	48-0659	110116
28-5768	113992	45-1101	110576	45-2377	110210	48-0666	110113
28-5771	114076	45-1123	110213	45-2397	111000	48-0697	110163
28-5790	113253	45-1123	110532	45-2401	113184	48-0710	112210
28-5792	112557	45-1154	113468	45-2408	110576	48-0734	110117
28-5798	113310	45-1185	112670	45-2408	113195	48-0734	110766
28-5824	114311	45-1196	111983	45-2452	112437	48-0741	110113
28-5902	114379	45-1211	113210	45-2455	112116	48-0741	110761
28-663	110383	45-1227	110998	45-2459	110582	48-0741	110906
28-693	110744	45-1245	111231	45-2482	112366	48-0741	113920
28-726	110969	45-1267	110999	45-2488	112227	48-0780	110117
28-761	112310	45-1271	110519	45-252	110521	48-0808	110567

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO		
<b>ELSTOCK</b> <i>Continued</i>									
48-0811	113196	48-3674	111987	6846	113619	MTD12-14	110352		
48-0848	111528	48-3675	111842	6858	113665	MTD12-18	110790		
48-0848	111658	48-3681	113186	6860	113620	MTS12-1	110826		
48-0848	113477	48-3684	112170	6864	113618	MTS12-10	110367		
48-0860	110052	48-3687	112561	6868	113638	MTS12-21	110826		
48-0878	110895	48-3688	111972	6869	113521	MTS12-22	110338		
48-0889	111614	48-3692	110300	6870	113020	MTS12-23	110826		
48-0901	112758	48-3719	112252	6872	113638	MTS12-23S	110826		
48-0909	112779	48-3728	111631	6894	111909	MTS12-29	110365		
48-0930	110448	48-3736	112189	6927	113613	MTS12-37	110367		
48-0985	111344	48-3764	113477	6930	113630	MTS12-39	110365		
48-0995	111146	48-3771	113448	6942	113642	MTS12-42	110365		
48-1501	112113	48-3780	111295	<b>FAUN</b>				MTS12-48	110365
48-1501	113477	48-3785	112211	1701054	110525	MTS12-50	110367		
48-1506	110801	48-3844	111295	1701061	110524	MTS12-51	110367		
48-1548	111527	48-3984	113289	1701065	110523	MTS12P-19	110338		
48-1550	110902	48-4552	112427	1702091	110357	<b>FENDT</b>			
48-1550	112784	48-4563	113923	1702114	110766	F135902060010	111332		
48-1592	111419	48-4584	112168	1702117	111141	F139900060011	112039		
48-1592	111987	48-4793	112424	1702118	110113	F716900060060	112071		
48-1593	111629	48-4845	113284	1702121	112747	G198902011010	111978		
48-1593	111842	48-4859	113188	4159015	113464	G345900011010	112098		
48-1593	111859	48-4867	113351	4792491	112747	G515900010100	112196		
48-1593	112343	48-5519	111842	<b>FEMSA</b>				X830060011	110641
48-1596	110076	48-5534	113284	ALB12-117	110349	X830060020	112098		
48-1596	111834	48-5610	112160	ALB40-68	110611	X830100001	110536		
48-1619	111493	48-5686	111631	ALB40-86	110611	X830100004	111232		
48-1627	111603	48-5700	113514	ALD12N-53	110743	X830100009	111332		
48-1632	110163	48-666	110906	ALF12-18	110968	<b>FIAT</b>			
48-1634	112345	48-741	110113	ALG12-7	110745	992235	111035		
48-1667	112113	<b>ELTRA</b>		ALG12N-28	110745	2022607	110882		
48-1744	111629	64013708	113431	ALN12-1	110743	2022612	110890		
48-1745	110113	FAE		ALP12N-1	110969	2961928	110530		
48-1758	111658	3018	113094	ALP12N-12	110759	4052100	110349		
48-1758	113477	4017	113462	ALP12N-2	110178	4142222	110826		
48-1782	111527	4408	111264	ALP12N-20	111078	4152101	110611		
48-1782	112757	4429	110802	ALP12N-24	111078	4152610	112097		
48-1801	112076	4439	113077	ALS12-81	110350	4152612	110882		
48-1826	112803	4448	113557	ALS12N-24	111138	4166213	110611		
48-1845	110800	4455	113584	ALS12N-25	110612	4169096	110813		
48-1874	113129	4473	111309	ALS12N-51	111289	4172004	110521		
48-1874	113196	4477	113626	ALS12N-54	110612	4172113	110529		
48-1893	111146	4487	110659	ALS12N-55	111138	4174626	110611		
48-1904	110761	4535	113627	ALS12N-56	111138	4179626	110532		
48-1905	112159	4557	113628	ALS12N-64	110612	4187587	110521		
48-1905	112561	4606	113554	ALS12N-72	111289	4198226	110826		
48-1919	110116	4625	112977	ALS12N-75	111289	4198227	110826		
48-1921	110766	4637	113563	ALS12N-82	110348	4198600	110338		
48-1922	110906	4645	113583	ALS12X-26	110754	4198601	110338		
48-1922	113920	4646	113583	ALS12X-65	110920	4220356	112097		
48-1931	111261	4655	113556	ALS12X-76	110754	4220539	112097		
48-1935	112252	4676	111285	ALS12X-77	110920	4222697	110349		
48-1945	112108	4685	113027	ALT12N-11	110178	4224325	110899		
48-1948	112110	4697	113636	ALT12N-13	110968	4229113	110365		
48-1988	114077	4807	113571	ALT12N-14	110178	4229114	110365		
48-2545	112076	4851	112327	ALT12N-2	110968	4231016	110521		
48-2563	111746	4852	113606	ALT12N-39	110178	4231018	110521		
48-2603	111782	4855	113643	DNL12-22	110482	4232191	110521		
48-2613	111631	4860	113656	DNL12E-42	110483	4242498	110611		
48-2639	111886	4863	113652	MOC12-2	110793	4242730	110890		
48-2643	111972	4869	113564	MOC12-4	110774	4257063	110899		
48-2671	111808	4883	113027	MOS12-10	110624	4257074	110899		
48-2698	112732	4886	113566	MTA12-14	110367	4257771	110899		
48-2740	110801	4910	113559	MTA12-19	110367	4263584	110890		
48-2742	112097	4942	113372	MTA12-19M	110367	4263983	110890		
48-2743	110801	4969	113568	MTA12-37	110367	4269114	110521		
48-2756	111833	4980	113607	MTA12-39	110365	4274815	110899		
48-2765	113470	4996	113027	MTA12-39M	110365	4275283	110899		
48-2838	112288	6141	113629	MTA12-43	110367	4275285	110899		
48-2842	112343	6187	113587	MTA12-8	110774	4275286	110899		
48-2851	111720	6407	111786	MTA12P-15	110367	4285622	110890		
48-2852	111720	6407	111786	MTA12P-19	110367	4287971	110608		
48-2859	111842	6448	110810	MTA12-P30	110856	4288328	110608		
48-2891	111972	6456	111374	MTC252-7	110450	4325179	110899		
48-2922	111569	6610	113646	MTC25-27	110566	4329019	110611		
48-2937	112561	6716	113615						
48-2955	113488	6803	113614						
48-2989	111987	6837	113616						
48-2992	110591	6840	112300						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4350064	111423	4721589	110890	4849155	110686	7580575	113846
4382200	111138	4721591	110890	4849157	110686	7581975	110360
4386883	111138	4721592	110890	4856055	111693	7587118	110836
4392459	110825	4721890	112097	4856056	110814	7588791	111148
4392461	110836	4722682	110813	4919664	110814	7588942	112455
4392831	111138	4722724	112097	4998353	111180	7589005	111421
4392859	110825	4728682	110813	5101645	110882	7589151	111421
4395131	111035	4731839	110890	5111319	113381	7589547	112289
4395134	110612	4732241	110532	5895028	111411	7589655	112289
4401806	110365	4732242	110213	5895033	113537	7596859	111148
4403045	111289	4735444	110521	5920974	110912	7597118	110836
4405303	110612	4737754	110521	5933930	110836	7608589	111423
4412878	110825	4737755	110529	5943452	110912	7612952	111025
4412894	110812	4737756	110518	5947366	111078	7621040	111025
4418109	110612	4737757	110520	5947376	111078	7626281	110854
4419109	110612	4737759	110522	5955501	110612	7629272	111654
4419794	110612	4738026	111419	5955503	111148	7631385	112771
4424346	110912	4738563	112097	5955504	111148	7634024	111860
4434083	110612	4738569	112097	5955557	111620	7634026	112777
4434084	111035	4738570	112097	5958394	111035	7636428	113471
4435660	110825	4738571	112097	5958395	111035	7636431	113471
4436732	110338	4738772	112097	5958565	111620	7641842	111620
4447411	110912	4738775	112097	5959702	111106	7641975	111860
4448694	110812	4741669	110812	5960289	111620	7642261	112125
4451759	111078	4741699	110812	5960292	110912	7646189	111620
4456152	111078	4744841	110517	5962647	110912	7646261	111620
4458618	111078	4745930	110814	5967595	111035	7647441	113473
4468806	110365	4750583	110890	5967596	111035	7647595	111620
4469985	111106	4752403	110517	5967965	110612	7648126	113473
4469986	111106	4755108	110521	5968605	112289	7650210	113473
4469987	111106	4755109	110529	5970230	110912	7651050	113473
4470118	111106	4755110	110522	5972197	110912	7651051	113473
4470266	111148	4755111	110518	5972684	110365	7651070	113472
4470377	112289	4755113	110520	5973034	111078	7651074	111148
4470378	112289	4757192	111419	5973035	111078	7651812	112719
4470411	111138	4757193	111419	5976915	110912	7665826	111148
4474729	111180	4757194	111419	5984563	111423	7666135	113846
4474746	110352	4759929	110813	5992153	111620	7666528	112289
4474747	110352	04763995	110521	5992155	111620	7667795	110612
4474750	110352	4763995	110521	5996771	110836	7668988	111585
4474752	111180	4765931	111686	5997309	111619	7680619	112125
4474804	110826	4765933	111686	5999868	111036	7689341	112777
4474805	110826	4765934	111686	5999869	111036	7692102	113752
4474815	110899	4780974	110347	5999906	111025	7697863	111620
4474816	110899	4782802	110532	6706931	110517	7697864	111620
4474851	110608	4782803	110213	7533853	111035	7697867	111860
4474852	110608	4784745	110582	7541401	111620	7699408	112771
4474902	112097	4784747	110582	7541569	112455	7701840	111654
4474903	110611	4786023	114446	7541775	110360	7702241	113473
4474904	110611	4786913	112097	7541823	111035	7702242	113473
4475266	111180	4787665	110882	7546342	111078	7702245	113472
4475268	111180	4787668	111686	7546343	111078	7702372	113473
4475303	110611	4787671	111686	7547660	110991	7704356	111687
4478678	110912	4799364	111418	7547791	111148	7708433	111032
4682998	110813	4800503	111686	7547935	111620	7711092	111687
4682999	110521	4800504	111686	7548143	111620	7713061	112777
4691200	110517	4807373	110813	7552264	111654	7713140	113471
4692477	110521	4807374	110814	7552284	112719	7713141	111036
4692877	110521	4807375	110529	7552382	111654	7716196	112125
4699704	110521	4807376	110522	7552459	110612	7716197	110854
4699705	110529	4807377	110517	7554830	111620	7716198	111117
4701920	110521	4807378	110521	7554832	111620	7716766	111619
4702248	110529	4807379	110518	7554833	111620	7716767	112125
4706008	110518	4808498	110882	7555131	111106	7719428	111032
4706720	110520	4808500	111418	7564668	110812	7726946	111421
4706931	110517	4808502	111418	7565244	110882	7727484	112455
4710224	110813	4808503	110890	7565391	111620	7733966	112289
4711699	110814	4808505	110890	7565393	111620	7737262	111585
4711700	110882	4808506	111686	7565395	111620	7740560	110521
4712894	110812	4808507	111418	7565398	110612	7750751	111654
4713805	110519	4808510	111686	7565559	111148	7762899	112540
4713806	110522	4808511	111686	7565560	112768	7765558	111035
4713807	110812	4808517	111686	7565588	110612	7769840	111568
4715786	112097	4808518	111686	7565832	111621	7770210	113752
4716026	110518	4808519	112097	7575998	110912	7772459	111422
4716062	110518	4808526	112097	7580192	111619	7773812	112124
4717871	112097	4808528	112097	7580206	110612	7774480	112780
4719664	110814	4816170	110999	7580207	111035	7774481	112780
4721587	110882	4844266	111419	7580209	111148	7779820	113537

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FIAT Continued</b>							
7779821	111505	46406471	110854	46530261	113335	51776205	112445
7781075	111409	46406472	110854	46532168	111568	51779086	114054
7782314	113942	46406973	111685	46532668	112190	51782321	113931
7785449	111422	46407644	111411	46532669	113263	51784845	113722
7785949	111630	46407646	113537	46540293	111416	51784847	113721
7796598	111422	46407647	111411	46542889	113718	51787208	113720
7810362	111148	46407648	111689	46544329	113943	51787209	113722
8122161	110534	46412678	111413	46548654	112382	51805799	113720
8823932	111270	46412679	113667	46554404	113535	51805800	113722
8961386	110520	46412681	111625	46554407	113752	51805803	113721
8962534	110520	46413021	111582	46559015	113537	51812501	113962
42498212	110518	46414831	112308	46740242	112382	51832950	113962
43420960	111411	46416343	113537	46740243	113939	51832952	113962
46208436	112026	46417006	112124	46748349	112445	51832954	113931
46231500	111585	46419297	111411	46748350	112445	51832956	112445
46231503	110608	46419321	111689	46748351	113430	51832958	114054
46231504	110365	46419332	111420	46748357	113535	51832959	111685
46231505	110365	46419392	111420	46758240	112436	51833880	112382
46231508	110608	46420960	111411	46763529	112382	51854905	113721
46231510	111025	46420961	113537	46763530	114123	51854909	113720
46231525	110338	46420962	111689	46763532	111625	51854910	113722
46231527	110825	46420965	111416	46763533	113943	51854915	113722
46231528	110825	46420966	111568	46763534	113943	51859037	113718
46231529	110825	46423006	111860	46765835	111409	51859038	113535
46231535	112289	46425518	111568	46765836	111409	51859053	113943
46231540	112124	46428729	113667	46765837	113939	51880229	113719
46231575	111106	46428730	111625	46765838	113336	51890631	113962
46231592	112455	46428731	111413	46765838	113943	55185076	113722
46231600	111117	46428733	111689	46765839	114123	55192482	113931
46231601	111619	46428734	111688	46765842	113684	55193355	113962
46231602	111619	46429594	112382	46769369	113942	55193356	113962
46231603	110836	46430110	111802	46774413	111568	55193406	111685
46231605	110836	46430112	112022	46774415	112124	55193407	112445
46231640	110812	46430524	113537	46774417	111630	55195029	113430
46231642	113846	46430527	111413	46774420	111413	55195030	112382
46231643	113451	46430528	113536	46774429	113987	55195211	113931
46231644	111421	46430529	111625	46774430	113943	55196400	111422
46231650	111687	46430530	111500	46782213	113943	55201771	114123
46231655	111078	46430530	111720	46782218	113338	55204116	113719
46231657	111036	46430531	111625	46782219	113536	55353237	113843
46231658	113471	46430533	113939	46791692	111685	55353257	113843
46231659	111036	46430721	113752	46796553	114123	55561503	113843
46231660	111036	46430784	113430	46800152	114035	55564491	114029
46231670	111413	46431710	111620	46800154	111630	55779086	114054
46231671	111625	46431712	112771	46800158	111411	60512847	112308
46231675	111036	46432262	114123	46800159	113430	60512969	112454
46231678	111148	46432301	111585	46813058	113962	60567586	112456
46231680	111180	46432411	111689	46813061	112190	60583572	112450
46231682	111148	46434037	111630	46813062	113536	60585343	112308
46231684	111035	46434931	112022	46813064	113962	60588395	112532
46231687	111035	46435106	113684	46816031	113537	60611990	112450
46231688	111148	46436507	111505	46816793	113962	60620761	111685
46231689	111148	46437412	113684	46816971	114035	60627810	112532
46231690	113473	46437520	114321	46816973	113962	60652354	113848
46231691	113472	46439036	112095	46821681	112445	60812535	113942
46231692	113684	46439700	113752	46823540	113987	60812814	111625
46231698	111689	46442777	111568	46823543	113931	60812988	111725
46231700	111620	46445094	111620	46823546	113721	60812989	113536
46231705	111689	46445096	111620	46823547	113722	60813210	113848
46231721	113473	46445100	113472	46823548	113719	60816045	113943
46231722	113667	46445103	111654	46830212	114321	60816046	113942
46231724	111625	46445658	113942	46835093	114035	60816557	113943
46231725	111138	46445660	113939	46835094	114035	60817002	113931
46231735	111620	46446292	112719	46841963	112190	60817038	113536
46231740	111620	46448433	111725	46841966	113263	61227993	110208
46231745	111620	46448434	111625	46843091	113718	63604238	113848
46231750	110991	46454211	111685	46843092	114123	70699268	111261
46231751	110882	46464276	111416	47132888	114002	71716554	111130
46231755	110912	46465475	114123	47137534	114002	71716562	114460
46231756	111654	46468696	111685	50012833	110912	71716563	114460
46231757	112768	46472225	111687	51217620	111180	71716564	111070
46231758	111686	46473784	113430	51709131	113535	71716565	114460
46231760	111148	46475793	112124	51709133	113718	71716600	112230
46231761	110991	46478945	113430	51714791	113535	71716607	112058
46231762	111654	46518059	111422	51714794	113718	71716608	113603
46231786	110890	46519138	113537	51718499	113720	71716609	112480
46231787	112681	46522234	112379	51742335	113536	71716671	112460
46305329	113942	46528046	113471	51754153	114431	71718905	112480
46406469	110854	46530060	111411	51772325	113962	71719595	111070

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
71719598	111070	77444430	110521	9659918080	113958	1071383	112121
71719599	111070	77445430	110521	F1VY10346B	112921	1072156	111909
71719600	111070	77452410	111686	V450DT	113381	1072455	113914
71719601	111070	77503410	111620			1072559	111900
71719602	111070	77510410	111138	<b>FIAT ALLIS</b>		1073049	112698
71719603	111070	77510411	111138	73113742	110801	1073093	112290
71719604	111070	77510430	111106	73119134	110801	1073108	112251
71719605	111070	77515410	110882			1073771	112198
71719606	111070	77515411	110890	<b>FORD</b>		1074633	112325
71719608	114460	77515430	110812	0018882	111906	1076005	111828
71719609	114460	77523410	111148	111364	111364	1076141	111374
71719943	112460	77525410	111148	1001869	112121	1079312	112142
71719944	113503	77547410	113473	1003308	111900	1085273	111374
71721156	111505	77563430	110520	1004565	111906	1085875	112198
71728811	114460	77603410	113473	1004566	111906	1086299	111797
71732307	113640	77603411	113472	1005308	111362	1087280	112340
71733552	113640	77603430	112289	1005351	110891	1088304	113952
71739718	111123	77604410	111620	1005370	111289	1088649	111906
71739864	113276	77612430	111066	1005391	111741	1088650	111906
71746669	113430	77679430	111421	1007765	111900	1090085	111795
71746673	113996	88205005	110813	1008795	111131	1090424	112151
71782363	114460	88205006	110529	1008823	112251	1092115	111906
71786195	113946	88205018	110519	1008826	111131	1092116	111906
71789529	113935	88206020	112097	1008835	112290	1092117	113701
71792597	113931	95681447	113959	1008836	111131	1093471	112251
71794530	113931	98490185	112681	1008838	111030	1095570	112235
73501591	113996	98490186	111498	1011330	111906	1096338	112821
73503235	114204	130019808	113451	1011331	111906	1097126	112235
75891510	111421	468235460	113721	1012221	111900	1097304	112143
76221040	111025	500371244	113247	1012257	113624	1097305	111795
77028550	110882	504033459	113950	1012395	111900	1098747	113952
77028560	110814	517723250	113962	1012463	112694	1100711	112079
77040560	110521	551952110	113430	1015821	112121	1100712	112002
77040561	110521	605576460	112773	1017500	111797	1104931	112939
77050262	110518	703009641	113721	1018818	111988	1104965	112235
77050550	112097	1300198080	113451	1018882	111906	1104987	112151
77050561	110517	1319121080	111130	1018883	111906	1105310	112251
77050562	110518	1319555080	112026	1019077	111292	1107016	112235
77065560	110520	1320921080	111070	1020508	113701	1107444	112325
77080560	110517	1323249080	112772	1021198	113920	1107446	112121
77080561	110517	1329201080	112436	1021397	112151	1110413	112002
77097430	110520	1331329080	112026	1024508	112251	1111210	112429
77110410	111078	1332419080	111070	1024864	112151	1116389	111906
77110411	111078	1342792080	114460	1025547	113833	1117829	114066
77130560	110520	1347058080	113935	1027300	112290	1118336	112290
77138410	110611	1349920080	114054	1027772	113701	1120211	113709
77145410	111180	1473638080	112053	1027928	112251	1120213	113708
77145430	110338	1475489080	112053	1029405	111900	1120214	113794
77175430	110365	9150475180	111066	1030151	111680	1120215	112821
77201430	110365	9151139080	111066	1031134	112151	1122105	112654
77206430	110826	9603503580	111070	1031896	111477	1122238	113952
77211411	111138	9609313280	110584	1031898	111988	1124015	113709
77218430	110826	9610601580	112299	1032139	112121	1126051	112142
77235410	110991	9611366880	112298	1032333	113833	1126987	112290
77235430	111117	9612259680	112292	1032652	112151	1128296	113599
77250410	111180	9613015980	111130	1032666	112286	1130187	111906
77274850	112308	9613230280	111130	1035755	112939	1131820	113709
77276430	110608	9616862980	112299	1036244	113447	1133994	114119
77276431	110608	9617842980	113485	1047081	113701	1135454	113833
77305410	111036	9619310280	111130	1053656	112325	1136152	112121
77305430	111025	9619333080	112299	1057652	112235	1140110	112821
77320410	111035	9621791480	112460	1057654	112340	1140111	113794
77323410	110912	9622410680	113503	1057661	111374	1140135	113912
77323430	111619	9624291480	111070	1057793	112151	1140139	114129
77337430	110836	9625382580	111130	1058429	112290	1140694	113708
77338410	110912	9625382680	114460	1058821	112698	1140696	113709
77340410	110912	9625382780	111070	1059179	112251	1140757	113905
77340411	110912	9629473280	113443	1059564	111900	1140760	111906
77347410	113471	9631318680	112299	1061267	112290	1144182	112142
77347411	111036	9637185880	111944	1061269	111906	1144505	113905
77367410	110612	9637813680	113254	1061271	111906	1145715	113883
77367411	111035	9638275480	112469	1061458	112235	1147432	112429
77387430	110825	9639396480	113755	1061627	112290	1149703	114162
77398430	112289	9646065480	113640	1063999	111906	1151212	113709
77401410	111148	9646068880	113755	1064000	111906	1151213	113708
77412410	111654	9649611280	113946	1066407	112121	1151214	112142
77414430	110521	9649611380	113575	1067536	113701	1151215	111906
77414431	110521	9655249280	112298	1067621	113701	1151216	112235
77425430	111423	9658144780	113959	1067622	113701	1151641	112821

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
1151642	111374	1465115	113911	1734633	113905	5023549	110867
1188206	113884	1465173	113710	3238665	110231	5024754	111741
1191213	113708	1469712	113908	3242283	110232	5026096	111362
1197912	113909	1469721	113911	3395461	111315	5026099	111741
1205240	111374	1473072	111906	3465426	111317	5026102	111289
1209193	113909	1476964	110771	3601014	112352	5026113	110891
1211891	113709	1477482	113906	3601369	113702	5026136	112290
1214371	112821	1477737	113922	3852582	111844	5026141	110891
1215766	112142	1477738	113849	3918688	112074	5026497	112251
1218885	113794	1477740	114248	3960404	110584	5026718	111176
1219711	112142	1477856	113912	4022223	112340	5026721	110607
1221059	112142	1477859	113912	4022225	112235	5026721	111754
1229258	113922	1477971	113710	4033064	113910	5026727	111754
1229259	113849	1477972	113710	4069776	113285	5027113	111131
1229421	113710	1477973	113910	4078768	112821	5027117	111131
1229424	113883	1478119	113708	4098414	113285	5027121	112290
1229425	112290	1478129	113907	4332279	113285	5027131	111131
1229427	113908	1478187	113710	4344538	112352	5027805	111131
1231963	113911	1478281	114129	4348654	113702	5027807	111131
1233234	113908	1478331	112235	4362258	113913	5027810	111742
1233277	113909	1478608	113709	4371000	113710	5027845	111176
1237323	111906	1479818	113883	4371001	113710	5027848	111623
1250901	112235	1483817	113905	4374447	113710	5027848	111742
1251700	113906	1485513	110759	4374448	113710	5029143	112340
1253624	112002	1485514	110759	4394204	113710	5029902	111623
1254222	113908	1502880	113905	4424968	113910	5029923	111176
1255711	113849	1504563	110178	4443760	113910	5030343	112698
1255712	113922	1507007	110759	4461712	113913	5030468	111427
1300504	113906	1516027	110771	4509615	112821	5030656	112680
1301377	112142	1516986	110482	4520765	112821	5030668	111754
1301496	112143	1525794	113906	4529404	112821	5128966	113710
1301511	111795	1526103	110465	4531025	113710	5128967	113710
1301530	112142	1529431	113911	4531026	113710	5752791	110231
1303447	113912	1535268	111906	4587107	113906	6021771	110759
1307487	112142	1535437	113535	4635595	113906	6021775	111289
1307578	111906	1537179	110178	4727857	113906	6029039	111053
1309581	114162	1539686	111906	4742541	112821	6033117	111289
1325943	113907	1539703	110336	5003623	110868	6039198	112251
1345314	113910	1541002	112821	5003624	110771	6129114	112290
1350459	113905	1542468	113962	5003639	110870	6130216	112290
1351989	113911	1545138	113912	5003643	110461	6136276	111289
1352431	114248	1551240	112821	5003897	110178	6136946	111362
1361258	111795	1552432	112821	5003898	111289	6136957	110891
1365666	112235	1553520	111086	5003902	111289	6147936	112290
1366473	113907	1553523	111289	5003903	111289	6149609	111131
1366986	113906	1553627	110759	5007062	111289	6157857	111131
1367529	111374	1564732	114162	5007074	111086	6157858	111131
1368970	113908	1567033	113962	5007075	111289	6157859	111131
1368974	113905	1568699	110868	5007077	111289	6157861	111131
1372739	113959	1571105	110336	5007080	111131	6157874	111131
1373810	112235	1571389	111289	5007082	111131	6157876	111131
1374049	114315	1574338	113959	5007083	111131	6157877	111030
1376305	113911	1575034	111906	5007089	111131	6158978	112290
1379702	113906	1580265	113884	5008989	111362	6159272	111364
1385378	113959	1581843	113958	5010556	111184	6159682	111364
1385784	113911	1591213	111131	5010557	111289	6160440	112251
1386127	113909	1592234	114129	5011974	111364	6164752	111030
1387062	112821	1596530	112251	5016232	111131	6167032	112290
1388569	111374	1610118	111362	5016233	111131	6170284	110831
1404791	113958	1620918	112747	5016234	111131	6173461	113574
1416205	111131	1624968	110465	5018940	111131	6181359	111356
1416231	111906	1638241	111131	5018942	111131	6183758	111131
1416234	111906	1638242	111131	5018943	111131	6183759	111131
1429688	113710	1638243	110842	5018944	111131	6190023	111131
1429689	113710	1644667	111131	5021162	111289	6192883	111289
1436603	114129	1652470	112290	5021175	111364	6199415	111131
1438288	110868	1653206	110461	5021177	110891	6199417	111131
1438561	110870	1653209	112251	5021973	111754	6199418	111131
1449615	112821	1653210	110461	5022265	111364	6203379	112290
1450644	113883	1658022	110607	5022414	111131	6504722	111131
1450653	112821	1658023	110607	5022454	111131	6504726	111030
1464755	113883	1659058	111176	5022455	111131	6504733	111131
1464756	113912	1668894	111623	5023431	112290	6544358	111131
1464779	113709	1669558	113959	5023517	111289	6567030	111131
1464782	113708	1670812	113905	5023521	111289	6593477	111367
1464784	113710	1671515	111906	5023528	111364	6683311	112290
1464785	113710	1673521	113535	5023529	111364	6686132	112235
1464788	113912	1709189	113959	5023530	111289	6694981	112325
1465010	113794	1732742	111906	5023531	110891	6729337	112151

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6775699	112235	1S7T10300DA	113709	2T1U10300CE	113710	6C2Z10346DA	113744
6775703	112235	1S7T10300DB	113709	2T1U10300CF	113710	6C2Z11002A	113703
6775704	112340	1S7T10300DC	113709	2T1U10300CG	113710	6G9N11000AB	113906
6816673	111131	1S7T10300DD	113709	3C3T10300BA	113744	6G9N11000FA	113911
6816674	111131	1S7T10300DE	113709	3C3T10300BB	113744	6G9N11000GC	113911
6816676	111131	1S7T10300DF	113709	3C3U11000AB	113703	6G9N11000KB	113303
6816677	111131	1S7TT10300CB	113708	3C3U11000AC	113703	6G9N11000AA	113906
6816678	111750	1S7TT10300CC	113708	3C3Z10346BA	113744	6L8T11000AA	111374
6917885	111427	1S7U11000AB	113794	3C3Z11002A	113703	6M2110346CA	113884
6943372	111131	1S7U11000AC	113794	3C3Z11002AA	113703	6M3410300AB	112352
6994100	111030	1S7U11000AD	113794	3F1U10300AA	114142	6S4T11000AA	113906
6996767	112251	1S7U11000AE	113794	3M2110300BA	112002	70GB11000BA	110868
7003145	112290	1S7U11000AF	113794	3M2110300AA	112079	715F10300BA	111289
7003146	112290	1S7U11000AG	113794	3M5T10300PB	113922	715F10300BB	111289
7041784	111374	1S7U11000BA	112821	3M5T10300PC	113922	715F11000MA	110461
7066376	112151	1S7U11000BB	112821	3M5T10300PD	113922	71AB11001BA	111102
7081782	112691	1S7U11000BC	112821	3M5T10300YB	113849	71BB10300EB	111086
7085852	111030	1S7U11000AA	113794	3M5T10300YC	113849	71BB10300FA	110759
7118750	111292	1X4U11000AA	111374	3M5T10300YD	113849	71BB10300FB	110759
7177333	112235	2C1T10300BA	113913	3M5T11000AB	113906	71BB11000BA	110870
7203201	111477	2C1T10300BB	113913	3M5T11000AC	113906	71BB11000DA	110336
7203211	112166	2C3T11000AA	113762	3M5T11000AD	113906	71BB11000E2A	110831
7275998	112325	2C3U10300BB	113285	3M5T11000AE	113906	71BB11000E2B	110831
7275999	111293	2C3Z11002AA	113762	3M5T11000CB	113908	71BB11000LB	110771
7276001	111292	2F1U10300DA	114142	3M5T11000CC	113908	71BB11000AA	110868
7302659	111623	2M5T10300AB	112142	3M5T11000CD	113908	71BT10346EA	111086
7308194	111427	2M5T10300AC	112142	3M5T11000CE	113908	71EB11000BA	110868
7308195	112151	2M5T10300AD	112142	3M5T11000CF	113908	71EB11000CA	110771
7312901	112698	2S6T10300AB	113912	3M5T11000DB	113911	71YB11000AA	110462
7352057	112325	2S6T10300AC	113912	3M5T11000DC	113911	72GB10300LA	110759
7355509	112680	2S6T10300DB	114129	3M5T11000EA	114315	72GB10300LB	110759
7361230	112709	2S6T10300DC	114129	3S4T11000AB	113814	72GB10300MA	111086
7361233	113885	2S6T10300DD	114129	3S4T11000AC	113814	72GB10300MB	111086
7387708	111887	2S6T10300DE	114129	3S5T10300AB	113883	72GB10300NA	111289
7387709	112694	2S6T10300FA	113883	3S5T10300AA	113883	72GB10300RA	111289
81866002	112074	2S6T10300FB	113883	3S6T10300AB	113912	73AB11000AA	110336
82005342	112074	2S6T10300FC	113883	3S6T10300AC	113912	73BB11000B2A	110831
82005343	113968	2S6T10300AA	113912	3S6T10300AD	113912	73GB11000BA	110336
82007917	112074	2S6U11000CA	111906	3S6T10300AA	113912	74DB10436A	110178
82013922	112074	2S6U11000CB	111906	3S7T11000AB	113909	74EB10300FA	111289
82013923	113968	2S6U11000CC	111906	3S7T11000AC	113909	74EB10300HB	111289
89821291	112074	2S6U11000DA	114162	3S7T11000AD	113909	755F11000AB	110461
702000150	110462	2S6U11000DB	114162	3S7T11000AA	113909	755F11000BB	112251
898821291	112074	2S6U11000DC	114162	4C3T10300BA	113744	755F11000AA	110461
1C1T10300BB	113621	2S6U11000EA	113905	4C3T10300BB	113744	75AB10300MA	111086
1C2411000AA	113762	2S6U11000EB	113905	4C3Z10346BA	113744	75AB11000A2A	110336
1C2Z11002AA	113762	2S6U11000EC	113905	4C4O11001CA	114606	75AB11000A2B	110336
1C3U11000AB	113762	2S6U11000ED	113905	4C4Z11002CA	114606	75AB11000B2A	110336
1C3U11000AC	113762	2S6U11000EE	113905	4M5T10300UB	114248	75EB10300EA	111289
1C3U11000AD	113762	2S7T11000AB	111374	4M5T10300UC	114248	76AB11000AA	110336
1C3U11000AE	113762	2S7T11000AC	111374	4M5T11000AB	113907	76BB10300CA	111289
1C3U11000AA	113762	2S7T11000AD	111374	4M5T11000AC	113907	76BB10300ED	110178
1L2210300AB	112946	2S7T11000DA	112821	4M5T11000FA	113911	76BB10300HA	111289
1L2U10300AB	112946	2S7T11000DB	112821	4M5T11000FB	113911	76BB10300HB	111289
1L2U10300AA	112946	2S7T11000DC	112821	4M5T11000FC	113911	76BB10300JA	111289
1L8U10300AB	112958	2S7T11000AA	111374	4M5T11000FD	113911	76BB10300KA	111086
1L8U10300AC	112958	2T1411000BA	113910	4M5T11000AA	113907	76BB10300KD	111086
1L8U10300CD	112961	2T1411000BB	113910	4S4T11000AA	113906	76BB11000AD	110870
1L8U10300CE	112961	2T1411000BC	113910	4S6911000AA	114162	76BB11000AA	110870
1L8Z10346AB	112958	2T1411000CB	113910	4W7310300AC	113747	76EB11000AA	110868
1L8Z10346CB	112961	2T1411000CC	113910	4W7Z10346AC	113747	77BB11000AA	110771
1M2111000AA	112286	2T1U10300AB	113710	4X4U11000AB	111374	77FB10300FA	110178
1M5T10300BA	112142	2T1U10300AC	113710	4X4U11000AA	111374	77FB10300FB	110178
1M5T10300BB	112142	2T1U10300AD	113710	5L8T11000AC	111374	77FB10300KA	111289
1M5T10300BC	112142	2T1U10300AE	113710	5S4T11000AA	113906	77FB10300KB	111086
1M5T10300BD	112142	2T1U10300AF	113710	69EB10002CA	110482	77FB11000BA	111053
1S4U11000AB	114119	2T1U10300AG	113710	69EB10346AD	110178	78AB11000CA	110336
1S4U11000AA	114119	2T1U10300AH	113710	69EB11000DA	110771	78FB10300AB	111289
1S7T10300BA	113709	2T1U10300AK	113710	6C1T10300BA	113958	78FB10300BA	111289
1S7T10300BB	113709	2T1U10300AL	113710	6C1T10300BB	113958	78FB10300BB	111289
1S7T10300BC	113709	2T1U10300AM	113710	6C1T10300BC	113958	78FB10300BC	111289
1S7T10300BD	113709	2T1U10300BB	113710	6C1T10300BD	113958	78FB10300AA	111289
1S7T10300BE	113709	2T1U10300BC	113710	6C1T11000AB	113959	78FB10346AB	111289
1S7T10300CA	113708	2T1U10300BD	113710	6C1T11000AC	113959	78GB10300HA	111086
1S7T10300CB	113708	2T1U10300BE	113710	6C1T11000AD	113959	78GB10300JA	111086
1S7T10300CC	113708	2T1U10300CA	113710	6C1T11000AE	113959	78VB11000DA	110840
1S7T10300CD	113708	2T1U10300CB	113710	6C1T11000AF	113959	795F11000CA	112251
1S7T10300CE	113708	2T1U10300CC	113710	6C2T10300DA	113744	795F11000AA	112251
1S7T10300CF	113708	2T1U10300CD	113710	6C2T11000AA	113703	79AB11000AB	110831

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
79AB11000BB	110336	84FB10300AA	111364	87GX11000AA	110831	91AB11000AA	111131
79AB11000BC	110336	84FB10300AAA	111364	87HU10300AA	113765	91AX10300TA	110891
79AB11000BO	110336	84FB10300AAB	111364	87VB11000AA	110831	91AX11000HA	112290
79BB10300AC	111289	85AB11000BA	111131	884F10K359AB	110607	91AX11000HB	112290
79BB10300AD	111289	85BB10300DA	111362	884F11000AA	112251	91AX11000JA	111131
79FB11000AC	111053	85BB10300EA	111289	894F10300BA	110607	91AX11000JB	111131
7G9N11000AB	111906	85BX10300EA	111289	894FX10300BA	110607	91AX11000KB	111131
7G9N11000AC	111906	85FB10300BA	111289	894X10300AE	111623	91BB11000BA	112536
7H1211002AB	113959	85GB11000BA	111030	894X10300BA	111754	91BB11000DA	111030
80BB10300DB	110759	85GB11000CA	111030	89AB10300EA	111289	91BB11000FA	111030
80BB10300FA	111086	85GB11000DA	111981	89AB10300GA	111289	91BB11000HA	111030
81AB10300ABA	111289	85GB11000EA	110870	89AB10300HA	111289	91BB11000HB	111030
81AB10300AC	111289	85GB11000FA	110831	89AB11000BA	112290	91BB11000JA	111131
81AB10300BA	111289	85GX10300GA	112725	89AB11000CA	112290	91BB11000LA	110851
81AB10300CA	111289	85GX11000DA	111981	89AB11000AA	110867	91BB11000OA	111030
81AB10300NA	111289	864F10300EA	111364	89AX10300EA	111289	91BX11000FA	111030
81AB10300UB	110462	864F10300FD	111754	89AX10300HA	111289	91BX11000JA	111131
81AB11000AB	111053	864F10300FE	111754	89BB10300FB	111741	91BX11000LA	110851
81AB11000BA	110337	864F10K359FC	111754	89BB10300HA	111741	91FF10300JA	112325
81AB11000BO	110336	864F10K359FD	111754	89BB10300HB	111741	91FF10300JB	112325
81AB11000CA	110337	864F10K359FE	111754	89BB10300JB	111741	91FF10300TA	111176
81AB11000DB	111053	864FX10K359FE	111754	89BB10300KC	111741	91FX10300VA	111176
81AB11000EA	111053	86AB10300AB	111289	89BB10300LB	111741	91GB11000AB	110842
81AB11000EB	111053	86AB10300ABA	111289	89BB10300MB	111741	91GX11000AB	110842
81AB11000FA	111053	86AB10300AC	111289	89BB11000AB	110851	924F10300AB	111623
81AB11000FB	111053	86AB10300ACA	111289	89BX10300HB	111741	924F10300AB	111742
81AB11000GB	111053	86AB10300ADA	111364	89BX10300KC	112759	924F10300AA	111623
81AB11000AA	111053	86AB10300DA	110179	89BX10300LB	111741	924F10K359AB	111623
81BB10300CA	111289	86AB10300DB	111289	89BX10300NC	112759	924F10K359AB	111742
81BB10300EA	111086	86AB10300EB	111362	89FB11000BA	111131	924FX10K359AA	111742
81BB11000AA	111750	86AB10300MB	110891	89FB11000CA	111131	924X10300AB	111623
81DB10300BA	113574	86AB10300NA	110891	89FB11000AA	111131	924X10300AB	111742
81GB10300AA	111289	86AB10300NB	110891	89FF10300AB	111356	92AB10300DC	111293
825F10300B2A	111289	86AB10300AA	111289	89FF10300AC	111356	92AB10300DD	111293
82BB10300GA	111364	86AB10300AAA	111176	89FF10300CC	111360	92AB10300FA	111293
82BB10300HA	111289	86AB10346MA	110891	89FF10300CD	111360	92AB10300FB	111293
82DB11000EA	110454	86AB11000A1A	112290	89FF10300CE	111360	92AB11000CA	111131
82DB11000FA	110998	86AB11000A2A	112290	89FF10300EB	111176	92AB11000CB	111131
82FB10300BB	111362	86AB11000AC	110867	89FF10300GA	111356	92AB11000DA	111131
82FB10300CA	111289	86AB11000BA	111131	89FF10300JA	111176	92AB11000FA	111131
82FB10300EA	111362	86AB11000CA	111131	89FF10300JB	111176	92AB11000FB	111131
82GB11000BA	110831	86AB11000DA	111131	89FX10300CD	111360	92AB11000GA	111750
82GB11000CA	110336	86AB11000EA	111131	89FX10300EB	111176	92AB11000GB	111131
82GB11000EA	110771	86AB11000FA	111131	89FX10300JA	111176	92AB11000HA	112290
82HF10300A2A	111086	86AB11000HA	111131	89VB11000AA	110840	92AB11000HB	112290
835F11000AC	112251	86AB11000JA	111131	89VX11000AA	110840	92AB11000JA	111750
835F11000BB	112251	86AB11000KA	111131	8A031840SB	111374	92AB11000KA	111131
835F11000AA	112251	86AB11000RA	111131	8M5T10300YA	113849	92AB11000AA	111131
835FX11000BB	112251	86AB11000SA	111131	8N11001	113728	92AX11000HB	110867
83AB10300AC	111289	86AB11000TA	111131	8N11002	113728	92AX11000JA	111131
83AB10300AA	111289	86AB11000VA	111131	8V2111000AC	113905	92BB11000AA	111030
83BB10300DA	111289	86AX10300AB	111362	8V2111000AD	113905	92FB10300FB	111293
83BB10300DB	111289	86AX10300ADA	111364	8V2111000AE	113905	92JA10300AA	112100
83BB10300DC	111289	86AX10300DB	111362	8V2111000BB	111906	92VB10300AB	111741
83BB10300EA	111289	86AX10300MB	110891	8V2111000BC	111906	92VB10300BB	111741
83BB10300HA	111362	86BB10300DB	110179	8V2111000BD	111906	92VB11000AB	110840
83BB11000AB	110336	86BB11000NA	112536	8V2111000BE	111906	92VB11000AA	110840
83BB11000BA	110831	86BB11000SA	111030	914F10300AA	111743	93BB10300AE	111427
83BB11000BB	110831	86FB10300BA	111364	914F10K359AA	111743	93BB10300AG	111427
83BB11000DA	110831	86FB10300AA	111364	91AB10300SA	111293	93BB10300CE	111427
83BB11000EA	110831	86GB11000EA	111131	91AB11000AB	111131	93BB10300FC	112151
83BB11000EB	110831	86GB11000GA	111131	91AB11000BA	111131	93BB10300FD	112151
83BB11000FA	110336	86GB11000JA	110842	91AB11000BJ	111131	93BB10300FE	112151
83BB11000FB	110336	86GB11000JB	110842	91AB11000CA	111131	93BB10300FF	112151
83BX10300DC	111289	86GB11000AA	111131	91AB11000CB	111131	93BB10300FG	112151
83DB10346AA	112747	86VB10300AA	110770	91AB11000DA	111131	93BB11000BB	112340
83FB11000AA	111053	870G10300AA	111364	91AB11000EA	111131	93BB11000CA	112235
84AB10300DA	111289	873F10300BA	110770	91AB11000EB	110867	93BB11000CB	112235
84AB10300MA	111364	87BB10300BA	111362	91AB11000FB	112290	93BB11000DB	112235
84AB10300MB	111364	87BB11000CA	111030	91AB11000GA	110867	93BB11000HA	112235
84AB10300AA	111364	87BB11000EB	111030	91AB11000HA	112290	93BB11000HB	112235
84AB10346MB	111364	87BB11000EC	111030	91AB11000HB	112290	93BB11000HC	112235
84AB11000AB	112290	87BB11000GA	111030	91AB11000IA	111131	93BB11000JB	112340
84AB11000AC	112290	87BB11000JB	111030	91AB11000JA	111131	93BB11000JC	112340
84AB11000AA	112290	87BB11000AA	112536	91AB11000JB	111131	93BB11000KA	111374
84BB10300AB	111364	87GB11000BA	111131	91AB11000KA	111131	93BB11000KB	111374
84FB10300KA	111289	87GB11000CA	111131	91AB11000KB	111131	93BB11000KC	111374
84FB10300MA	111086	87GB11000CB	111131	91AB11000LA	111131	93BB11000KD	111374
84FB10300MB	111289	87GB11000AA	112536	91AB11000PA	110867	93FF10300AA	112325

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
94AB10300BA	111292	97BB10300BA	112151	98VP10K359BB	111797	C8AZ11002A	110226
94FB10300AB	111292	97BB10300BB	112151	98VW10300BA	112543	C8VF11001A	110229
94GB10300BB	111623	97BB10300BC	112151	98VW10300CA	112079	C8VF11002A	110229
954F10300AA	111623	97BB10300BD	112151	98VW10300EA	112002	C8VY11002A	110229
954F10K300AB	111623	97BB11000B3D	114119	9N11001	113728	C8VY11002C	110229
954F10K359AB	111623	97BB11000BB	112290	9N11002	113728	C9AF11001A	110229
95AB10300DB	112680	97BB11000BC	112290	9S5110346BA	113535	C9AF11001B	110226
95AB10300DC	112680	97BB11000BD	112290	9S5110346BB	113535	D0AF11001A	110226
95FB10300AA	113624	97KB10300AB	113833	9S5111000AB	113962	D0AF11001B	110227
95FB11000BB	113701	97KB10300AA	113833	9S5111000AA	113962	D0AF11001C	110224
95FB11000BC	113701	97KB11000AB	111680	A4T02591ZC	113368	D0AF11001E	110226
95FB11000BD	113701	97KB11000AC	111680	B5C11002A	113729	D0AF11131D	110224
95FB11000BG	113701	97KB11000AA	113701	C0DF11001A	110226	D0FF11001B	110509
95FF10300AB	112325	97VB11000AB	112251	C0DF11001D	110224	D0HF10300DA	110237
95FF10300AC	112325	97VB11000AA	112251	C1VF11001D	110224	D0NN11000A	110462
95FF10300AD	112325	97VW10300EA	111828	C20F11001A	110227	D0NN11000B	110462
95FF10300AA	112325	97VW11000BA	112286	C20F11001D	110227	D0OF11001A	110226
95GB10300DA	112691	97VW11000AA	111900	C20F11001E	110227	D0SF10300A	110237
95GB10300EB	112691	988810300CC	112952	C20Z11001A	110227	D0TF11001A	110226
95GB10300KA	112691	98AB10300DB	112143	C20Z11002A	110227	D0VF11000A	110229
95GB10300LA	112698	98AB10300DC	112143	C20F11001B	110227	D0VF11001A	110229
95GB10300LB	112698	98AB10300DD	112143	C20Z11002A	110227	D0ZF11001A	110227
95GB10300MA	112698	98AB10300DE	112143	C20Z11002B	110227	D12F11001AB	110230
95GB10300MB	112698	98AB10300DF	112143	C2VF11001C	110224	D12F11001AA	110230
95GB11000CA	111030	98AB10300DG	112143	C2VF11002A	110227	D1AF11001A	110228
95GB11000EA	111030	98AB10300DH	112143	C2VY11002A	110224	D1AF11001AA	110228
95GB11000FA	111030	98AB10300DJ	112143	C30F11001A	110227	D1AZ11002A	110228
95GX11000EA	111030	98AB10300EB	112958	C30F11001B	110227	D1FF11001AA	110230
95VB10300BB	113914	98AB10300FC	112959	C30Z11002B	110227	D1FZ11002A	110230
95VB10300BC	113914	98AB10300GC	111795	C30Z11002C	110226	D1NN11000A	110462
95VW10300ABA	111988	98AB10300GD	111795	C3NF11001A	113729	D20F10300CA	110237
95VW10300CC	111887	98AB10300GE	111795	C3NF11002D	113729	D20F10300DB	110237
95VW10300EA	112694	98AB10300GF	111795	C30F11001A	110227	D20F10300EB	110237
95VW10300EB	112694	98AB10300GG	111795	C30F11001B	111224	D20F10300GA	110238
95VW10300EC	112694	98AB10300GH	111795	C30Z11002A	110227	D20F10300AA	110238
95VW10300KA	112709	98AB10300GJ	111795	C30Z11002C	110224	D20F10346BA	110238
95VW10300KB	112709	98AB10300GK	111795	C3VF11001A	110224	D20F11001BA	110226
95VW10300NA	111477	98AB10300GL	111795	C40F11001A	110227	D20F11001AA	110226
95VW10300RA	111477	98AB10300GM	111795	C40F11001B	110227	D20Z10346B	110238
95VW10300SA	113885	98AB10300HE	112142	C40F11001A	110227	D22F10300BA	110237
95VW10300AAA	111477	98AB10300JA	112142	C40F11001B	110224	D22F10300AA	110238
95VW11000BC	111909	98AB10300JB	112142	C4TF11001B	110226	D22F10346BB	110238
95VW11000CB	111900	98AB10300JC	112142	C4TZ11002B	110226	D22F11001AB	110230
95VW11000DA	112166	98AB10300JD	112142	C4VF11001A	110226	D22F11001AA	110230
95VW11000EB	112286	98AB10300JE	112142	C4VY11002A	110226	D2AF10300EA	110238
95VW11000EC	112286	98AB10300JF	112142	C4ZF11001A	110227	D2AF11001BA	110226
95VW11000GA	111900	98AB10300JG	112142	C5AF11001A	110226	D2AF11001CA	110227
96BB10300AB	112939	98AB11000AC	112290	C5FF11001D	110509	D2AF11001DA	110224
96BB10300BA	112939	98AB11000AD	114119	C5TF11001A	110224	D2AF11001EA	110229
96BB10300BB	112939	98AB11000AD1	112290	C5TF11001B	110227	D2AF11001JA	110228
96BB10300BE	112939	98AB11000BB	111906	C5TZ11001A	110224	D2AF11001AA	110228
96BB10300AA	112939	98AB11000BC	111906	C5TZ11002A	110224	D2FF11001AB	110230
96BB11000A3C	112235	98AB11000BD	111906	C5TZ11002C	112089	D2FZ10346B	110238
96BB11000A4B	112235	98AB11000CA	111906	C6AF11001A	110226	D2NN11000B	110462
96BB11000AB	112235	98AB11000CB	111906	C6AZ11002A	110226	D2SF10300AA	110237
96BB11000AC	112235	98AB11000CC	111906	C6FF11001	110509	D2TF11001BA	110226
96BB11000AA	112235	98AB11000CD	111906	C6FF11001B	110509	D2TF11001AA	110226
96FB10300DC	113447	98AZ10346EA	112958	C6FF11001D	110509	D2VF11001AA	110229
96FB10300DD	113447	98AZ10346EN	112958	C6NF11000A	110462	D2ZF10300AB	110237
96FB10300DE	113447	98AZ10346FA	112959	C6TF11000A	112089	D2ZF10300AC	110237
96FB11000CC	111906	98BB10300BC	112198	C6TF11000C	112089	D2ZF11001AA	110227
96FB11000KB	111906	98BB10300BD	112198	C6TZ11002E	112089	D30F10300DA	110237
96FB11000KC	111906	98BB10300BE	112198	C6VF11001A	110226	D30F10300FA	110237
96FB11000KD	111906	98BB10300CC	112952	C6VF11002A	110226	D30F10300AA	110238
96FB11000LB	111906	98BB11000AA	111374	C6VY11002A	110226	D30Z11002A	110229
96FB11000LC	111906	98MF10300CA	113952	C6VY11002B	110226	D32F10300BA	110237
96FB11000LD	111906	98MF10300CB	113952	C70F11001A	110226	D32F10300AA	110238
96FB11000MA	113701	98MF10300CC	113952	C7AF11001A	110226	D3HF10300AA	113013
96FB11000MB	113701	98VB10K359BA	111797	C7AF11001B	110227	D3TF11001DA	110229
96FB11000MC	113701	98VB10K359BB	111797	C7AF11001C	110226	D3VF10300A	110239
96FB11000MD	113701	98VB10K359BC	111797	C7AF11001E	110226	D3VF10300AB	110239
96FB11000ME	113701	98VB11000AB	112251	C7AF11001F	110224	D3VF10300BA	110239
96FF10300DB	112121	98VB11000B1A	112251	C7FF11001B	110509	D3VF10300AA	110239
96FF10300DC	112121	98VB11000B3A	112251	C7NN11000A	110462	D3VF10346A	110239
97AB10300AB	112121	98VB11000B3B	112251	C7NN11000B	110462	D3VF10346BA	110239
97AB10300AC	112121	98VB11000BC	112251	C7OF11001A	110226	D3VY10346A	110239
97AB10300AD	112121	98VB11000AA	112251	C7TF11001A	110226	D40F10300EA	110238
97AB10300AE	112121	98VN10300CA	112079	C7ZF11001A	110224	D40F10300AA	110237
97AB10300AA	112121	98VP10K359BA	111797	C8AF11001A	110226	D40F10346DA	110238

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> Continued							
D40F11001AA	..110229	D7EF10300DA	..110238	E3TZ11002B	..112267	E6HZ11002D	..112089
D40Z10346D	..110238	D7EF10300AA	..110238	E3TZ11002D	..112963	E6SF10300BA	..112835
D40Z11002A	..110227	D7NN10300B	..110170	E3TZ11002E	..12016	E6SF10300EA	..110237
D42F10300BA	..110237	D7NN11000B	..110462	E43F10300EA	..112836	E6TF10300BA	..112835
D42F10300CA	..110238	D7UF10300AA	..110238	E43F10300PA	..112838	E6TF10300CA	..112835
D42F10300EA	..110237	D7VF10346AA	..110239	E43F10300RA	..112838	E6TF10300DA	..112835
D42F10300FA	..110237	D7VZ10346A	..110239	E43F10346BA	..112836	E6TF10346AA	..112835
D42F11001AB	..110230	D7ZF10300BA	..110239	E43Z10346B	..112836	E6TZ10346A	..112835
D42F11001BA	..110230	D7ZF10300CA	..110239	E43Z10346D	..112838	E6TZ10346B	..112837
D47Z10346A	..110133	D7ZF10300DA	..110238	E47F10001AA	..112016	E6TZ10346C	..112837
D4AF11001AA	..110229	D7ZF10300EA	..110238	E4DF11001AA	..112963	E6UF10300AA	..112835
D4AZ11002A	..110229	D80F11001AA	..110225	E4HT10300AA	..113765	E6ZF10300CA	..112835
D4HF10300BA	..113013	D8BF10300DA	..110238	E4TF11000AA	..112965	E6ZF10346BA	..112835
D4HF10346BA	..113013	D8BF10346CA	..110238	E4TF11001AA	..112965	E6ZZ10346B	..112835
D4HZ10346B	..113013	D8BF10346AA	..110237	E4TZ11002A	..112965	E7DF10300DA	..112835
D4NN11000B	..110462	D8BZ10346AA	..110237	E4TZ11002B	..112267	E73F10300BA	..112841
D4TZ11002D	..110224	D8FF11001BA	..110231	E52F10300AA	..110238	E73F10300CA	..112836
D4ZF10300CA	..110238	D8FF11001AA	..110231	E53F10300BA	..112838	E79F10300BA	..111252
D4ZF10300AA	..110238	D8NN11000CA	..110462	E53F10300DA	..112836	E7AF10300AD	..111252
D50F10300BA	..110239	D8NN11000CE	..110462	E53F10300EA	..112838	E7AF10300BA	..112835
D50F10300AA	..110238	D8OF11001AA	..110225	E53F10300FA	..112836	E7AF10300CA	..112835
D50F11001BA	..110227	D8VF10300BA	..112914	E53F10300GA	..112836	E7AF10300DA	..112835
D50F11001AA	..110227	D8VF10346BA	..110238	E53F10300HA	..112838	E7DF10300EB	..110239
D5AF10300BA	..110237	D8VF10346CA	..110238	E53F10300AA	..112838	E7DF10300GA	..112841
D5AF10300AA	..110237	D8ZF10300BA	..110237	E53F10346BA	..112838	E7DF11001AA	..112966
D5AF11001AB	..110229	D8ZF10300CA	..110237	E53F10346DA	..112836	E7EF10300CB	..112836
D5AF11001EA	..110228	D8ZF10300AA	..110237	E53Z10346A	..112836	E7EF10300DB	..112836
D5AZ11002C	..110228	D90F10300AA	..110238	E57F10300BA	..112837	E7EF10300EB	..112836
D5DF10300AA	..110238	D94F10300AA	..110237	E57F10300AA	..112837	E7EF10300FB	..112836
D5FF11001AA	..110227	D9BF10300AA	..112914	E57F10346BA	..112837	E7EF10300GA	..112841
D5OF10300BA	..110239	D9BZ10346A	..110237	E59F10300DA	..112836	E7NN10B376AB	..111740
D5OF10300CA	..110238	D9BZ10346C	..110238	E5TF11000AA	..112267	E7NN10B376BA	..111740
D5OF11001BA	..110227	D9DF10300AA	..110238	E5TZ10346A	..112837	E7NN10B376BB	..111740
D5OF11001AA	..110227	D9NN11000AA	..110462	E5TZ11002B	..112267	E7NN10B376AA	..111740
D5OZ11001AA	..110227	D9SF10300AA	..110237	E62F10300CA	..112835	E7PF10346BA	..112838
D5TF11001C	..110229	D9TF10300AA	..110238	E63F10300AB	..112838	E7PF10346CA	..112837
D5TF11001DA	..110224	D9UF10300BA	..110237	E63F10300BB	..112836	E7PF10346DA	..112837
D5TF11001AA	..110224	D9UF10300EA	..110238	E63F10300DA	..112836	E7PF10346F	..112836
D5ZF10300AA	..110239	D9VY10346A	..110237	E63F10346BA	..112836	E7PF10346FA	..112836
D60F11001AA	..110227	D9VY10346C	..110238	E63Z10346A	..112836	E7PF10346GA	..112835
D60F11002A	..110227	D9VY10346D	..110238	E63Z10346B	..112836	E7PF10346K	..112837
D60F11002AA	..110227	D9ZF10300BA	..110238	E63Z10348A	..112836	E7PF10346KA	..112836
D6BF11001BA	..110226	D9ZF10300AA	..110237	E67F10300CA	..112837	E7PF10346LA	..111252
D6DF11002B	..110226	E0PZ10346F	..112840	E67F10300DA	..112837	E7PF10346MA	..111252
D6FF11001BA	..110231	E18F10300BA	..110238	E67F10300EA	..112838	E7PF10346NA	..112841
D6FF11001AA	..110231	E1AF10300DA	..110238	E67F10300FA	..112836	E7PF10346PA	..110238
D6FF1100BA	..110231	E1AF11001BA	..110225	E67F10346CA	..112837	E7PF10346UA	..112835
D6TF11001A	..110224	E1AF11002B	..110225	E67F10346AA	..112837	E7PF10346XA	..112838
D6TF11001BA	..110226	E1BF10300BA	..110238	E69F10346BA	..112836	E7PF10346ZA	..111252
D6TF11001DA	..110224	E1BF10300CA	..112914	E69F10346AA	..112838	E7PF10346AA	..112837
D6TF11001EA	..110226	E1BF10346CA	..110238	E6AF10300BA	..112835	E7PZ10346A	..110238
D6TF11001AA	..110226	E1BZ10346A	..110238	E6AF10300AA	..112835	E7PZ10346B	..110238
D6TZ11002A	..110226	E1EF10300HA	..110237	E6DF10300BA	..112841	E7PZ10346C	..111252
D6TZ11002B	..110226	E1FF11001BA	..110231	E6DF10300CA	..110238	E7PZ10346D	..112841
D70F10300BA	..110239	E1GF10300DA	..110237	E6DF10300DA	..112836	E7PZ10346E	..112835
D70F10300CA	..110238	E1TF10300BA	..110238	E6DF10300EA	..112841	E7PZ10346F	..112836
D70F10300DA	..110238	E1VF10300AA	..112914	E6DF10300EB	..112841	E7PZ10346G	..112836
D70F10300EA	..110238	E1ZF10300EA	..110238	E6DF10300GA	..112836	E7PZ10346H	..112837
D70F10300AA	..110238	E27F10300BA	..110237	E6DF10346B	..112836	E7PZ10346J	..112838
D70F10346BA	..110238	E2AF11001DA	..110224	E6DF10346BA	..112836	E7PZ10346K	..112837
D70F10346AA	..110238	E2BF11001AA	..112963	E6DF10346CA	..112841	E7PZ10346L	..112835
D70Z10346A	..110238	E2BZ11002A	..112963	E6DF10346DA	..110238	E7PZ10346M	..111252
D70Z10346B	..110238	E2HF10346BA	..113765	E6DF11001AA	..112966	E7PZ10346N	..112838
D70Z10346CA	..110238	E2HF10346AA	..113765	E6DZ10346B	..112836	E7RY11002A	..110842
D7AF10300BA	..110237	E2HT10300DB	..113765	E6DZ10346C	..112841	E7SF10300FA	..112835
D7AF10300CA	..110237	E2HT10300EB	..113765	E6DZ10346D	..110238	E7SF10300GA	..112836
D7AF10300DA	..110237	E2HT10300FA	..113765	E6DZ11002A	..112966	E7SF10300HA	..111252
D7AF10300EA	..110237	E2HT10300GA	..113765	E6DZ11002C	..112966	E7SF10300KA	..112835
D7AF10300FA	..110237	E2SF11001AA	..110225	E6EF10300EA	..112836	E7SF10300LA	..112836
D7AF10300GA	..110237	E2SF11002AA	..110225	E6EF10300FA	..112836	E7SF10300MA	..111252
D7AF10300HC	..110237	E37F10300AA	..110238	E6EF10300GA	..112836	E7SU11000AA	..111183
D7AF10300KA	..110237	E37F11001A	..112963	E6EF10300HA	..112836	E7TF10300BA	..112837
D7AF10300LA	..110237	E39F10346BA	..112836	E6EF10300JA	..112836	E7TF10300GA	..112914
D7AF10300AA	..110237	E3TF10300AB	..110238	E6EF10346CA	..112836	E7TF10300LA	..112837
D7AZ10346A	..110237	E3TF11000AA	..112267	E6EF10346AA	..112836	E7TF10300MA	..112836
D7AZ10346B	..110237	E3TF11001AA	..112267	E6FZ10346A	..112836	E7TF10300NA	..110239
D7DF10300AA	..110238	E3TG11001AA	..112965	E6FZ10346C	..112836	E7TF10300SA	..112838
D7EF10300BA	..110238	E3TU11000AA	..112267	E6HT11001CA	..112089	E7ZF10300BA	..111252
D7EF10300CA	..110238	E3TZ11002A	..112965	E6HZ11002C	..112089	E7ZF10300DA	..112835

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
E7ZF10300EA	111252	F02Z11002A	111370	F0VY10346A	112929	F37U10300AA	111200
E7ZF10300FA	111252	F02Z11002B	110810	F0VY10346B	112929	F3AU10300AC	112927
E83Z10346A	111395	F07F10300AA	111199	F12Z11002A	110810	F3AU10300BA	112927
E87F10300AB	112841	F07U10300AB	111199	F13U10300AC	112922	F3AU10300CA	112932
E87F10300BA	112841	F07U10300AC	111199	F13U10300AD	112922	F3AU10346AC	112927
E87F10300CA	112836	F07U10300AA	111199	F13U11000AA	111370	F3AZ10346A	112932
E87F10300AA	112841	F07U11000BA	111844	F13Z10346A	112922	F3CU10300AD	112326
E8DF10300A	111395	F07U11000AA	112030	F13Z11002A	111370	F3CU10346AC	112326
E8DF10300B	111395	F09F10300BA	112843	F17U10300AA	111199	F3DU10300BB	112931
E8DF10300CA	112915	F09F10300AA	112843	F17U11000AB	113222	F3DU10300CB	113554
E8DF10300DA	110239	F0CF10300AA	113236	F1CZ10346A	110663	F3DU11000AA	112584
E8DF10300DE	110239	F0CF11000BA	113217	F1CZ10346B	110663	F3DZ10346A	113554
E8DZ10346A	111395	F0CF11000AA	113216	F1CZ10346C	110663	F3DZ10346B	112936
E8EF10300AB	112917	F0CO10300AD	113236	F1DU10300AD	112926	F3DZ11002A	112584
E8HT10300HA	112837	F0CU10300AB	113236	F1DU10300AE	112926	F3HT10300BA	112993
E8HT11001AA	112089	F0CU10300AC	113236	F1DU10346AE	112926	F3HT10300CA	112993
E8HZ11002A	112089	F0CU10300AD	113236	F1DZ10346A	112926	F3HT10300HB	112993
E8HZ11002HA	112089	F0CU10300AA	113236	F1DZ10346B	112926	F3HT10300LA	112935
E8PF10346BA	112915	F0CU11000AB	113216	F1HT10300AB	112928	F3HT10300AA	112993
E8PF10346CB	112917	F0CU11000BA	113217	F1HT10300AC	112928	F3HT11001AB	112667
E8PF10346DA	112839	F0CU11000AA	113216	F1HT10300AA	112928	F3HT11001AC	112667
E8PF10346AA	112835	F0CU11001AB	113216	F1NN11000AA	113968	F3HT11001DC	112253
E8PZ10346A	112835	F0CU11001BA	113217	F1PU10300CA	111199	F3HZ10346B	112935
E8PZ10346B	112915	F0CU11001AA	113216	F1PU10346BE	112926	F3HZ10346H	112993
E8PZ10346C	112839	F0CZ10346B	110689	F1SU10300BA	112928	F3HZ11001B	112253
E8RY11002A	110842	F0CZ10346C	113236	F1TU11000BA	113220	F3HZ11002B	112253
E8SF0300BA	112835	F0DF10300BA	112920	F1TZ10346B	111199	F3LU10300BA	113553
E8TF10300BA	111252	F0DF10300AA	112922	F1TZ10346C	111199	F3LU10300BB	113553
E8TF10300CA	112839	F0DU10300AB	112922	F1TZ11002A	113222	F3LU10300BC	113553
E8TF11000AA	112267	F0DU10300AC	112922	F1VU10300BB	112921	F3LU11000AA	112592
E8TZ11000AA	112267	F0DU10300BA	112922	F1VU10300BC	112921	F3LY10346A	113553
E8TZ11002A	112267	F0DU10300BB	112920	F1VU11000AA	113225	F3PU10346AC	112927
E90F11000BA	112584	F0DU10300BC	112920	F1VY10346B	112921	F3PU10346BA	112935
E90F11000AA	112584	F0DU10300DA	112915	F1VY11002A	113225	F3PU10346CA	112936
E90Y11002A	112584	F0DU10300AA	112922	F23U10300CA	113236	F3RZ11002A	112235
E90Y11002B	112584	F0DZ10346A	112922	F23U10300DA	113236	F3RZ11002B	112340
E92Z10346A	110664	F0DZ10346B	112920	F23U11000BC	111370	F3RZ11002C	111374
E92Z11002A	110810	F0DZ10346C	112920	F23U11000AA	112584	F3TU11000AA	112267
E97F10300AB	112840	F0DZ10346D	112922	F23Z10346A	113236	F3U10300AE	111200
E97F10300BA	112837	F0DZ10346E	112920	F23Z11002A	112584	F3UU10300AF	111200
E98F11000BA	111183	F0EU10300AA	112841	F23Z11002B	111370	F3UZ10346A	111200
E98F11000AA	111183	F0FZ11002A	113217	F29U10300AB	112928	F3VU10300AA	112921
E99F10300AB	112916	F0FZ11002B	113216	F2DU11000BA	112584	F3XA10300AB	113368
E99F10300BA	112842	F0HU10346CA	113765	F2DU11000AA	112584	F3XA10300AC	113368
E9DF10300CA	112922	F0NN10B376AB	111739	F2DZ11002A	112584	F3XA11000AB	113614
E9DF10300DA	110239	F0NN10B376BB	112718	F2HT11000BA	113218	F3XA11000AA	113614
E9DF10300EA	112915	F0NN10B376AA	113623	F2HZ10346B	112928	F3XY10346A	113368
E9DF10346AA	112922	F0NN11000BA	112074	F2HZ11002A	113224	F3XY11002A	113614
E9DZ10346B	112922	F0NN11000CA	112074	F2HZ11002B	113223	F4CU11000BA	113217
E9EF10300BA	112836	F0NN7H022BA	113968	F2NN10B376BA	113623	F4CU11000BB	113217
E9EF10300AA	112917	F0OU11000AA	112584	F2NN10B376CA	113623	F4CU11000AA	113216
E9HT11001BA	113125	F0OY11002A	112584	F2NN10B376AA	112718	F4DU10300AD	112936
E9HZ11002A	113125	F0PF10346BA	112843	F2PU10346AF	111200	F4DU10300BA	112936
E9NN10300AA	113548	F0PF10346AA	112843	F2PU10346FC	112928	F4DU10300CA	112938
E9PF10346AB	112916	F0PU10346AD	112920	F2PU10346GA	112923	F4DU10300DA	112936
E9PF10346BA	111252	F0PU10346CA	112929	F2TU10300AF	111200	F4DU10300AA	112934
E9PF10346C	112840	F0PU10346DA	113236	F2TU10346AE	111200	F4FU11000AA	111370
E9PF10346CB	112840	F0PU10346DD	113236	F2TU11000BA	113221	F4HT10300DA	112993
E9PF10346DA	112915	F0PU10346MC	112922	F2TU11000CA	113221	F4HT10300EA	112993
E9PF10346AA	112916	F0PU10346NC	112929	F2TU11000AA	113218	F4HT10300FA	112993
E9PU10346AA	112922	F0PU10346RA	112915	F2TZ11002A	113218	F4HT10300KA	112993
E9PZ10346A	112842	F0PZ10346A	112843	F2TZ11002B	113221	F4HT11001BA	112253
E9PZ10346B	112916	F0PZ10346B	112843	F2TZ11002C	113220	F4HT11001AA	112667
E9PZ10346C	112840	F0PZ10346C	110238	F2UU10300BE	112925	F4LU11000AA	112592
E9PZ10346D	112917	F0PZ10346D	110238	F2UU10300CD	112928	F4OU10300CA	112934
E9PZ10346E	112915	F0PZ10346E	112916	F2UU10300DC	112924	F4PU10300CA	112934
E9SF10300BA	111252	F0PZ10346F	112840	F2UU10300EA	112923	F4PU10346BA	112993
E9SF11000AB	111183	F0TU10300CA	112838	F2UU-10300-EA	112923	F4PU10346CA	112934
E9UF10300BA	111252	F0TU10300DA	112839	F2UU10300FA	112924	F4PU10346D	112936
E9UF10300DA	112837	F0TU10300EA	111252	F2UU10346CD	112928	F4PU10346DA	112936
EDE57F10300BA	112837	F0TU10300FA	112916	F2UU10346DA	112923	F4PZ10346B	112933
EDE57F10300AA	112837	F0TU10300GA	112840	F2UZ10346B	112924	F4PZ10346C	112934
EDE6DF10300EA	112841	F0TU10300HA	112840	F2UZ10346C	112923	F4SU10300AB	112933
EDE7AF10300BA	112835	F0TZ11002A	112030	F2VU11000AB	113225	F4TZ11002A	112276
EDE7DF10300GA	112841	F0TZ11002B	111844	F2VU11000AC	112592	F4XA11000BA	113136
EZHT10346EB	113765	F0VF10300AA	112929	F2VU11000AD	112592	F4XA11000BB	113136
F00Z10346B	110689	F0VU10300AB	112929	F2VY11002A	112592	F4XY11002A	113136
F02F11000AA	111370	F0VU10300AC	112929	F3Z210346B	111315	F4ZU10300DA	112933
F02U11000AA	111370	F0VU10300AA	112929	F3Z211002B	111311	F57U10300BA	111199

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
F57U10300AA	111199	F6PZ10346TA	112935	F89Z11002AA	112588	GL322	113368
F58U10300AB	112938	F6PZ10346XA	112924	F8AU10300AB	112947	GL325	112935
F58U10300AA	112920	F6RU10300AA	112939	F8AU10300AC	112947	GL329	112931
F58Z10346A	112920	F6RZ10346BB	112939	F8AZ10346AB	112947	GL332	112993
F58Z10346ARM	112938	F6UU10300BA	112928	F8DU10300AA	112936	GL342	112934
F5HT10300BA	112935	F6UU10300CA	111200	F8DU11000AA	112586	GL344	112933
F5HZ10346A	112993	F6UU10300DA	112924	F8DZ11002AA	112586	GL347	112939
F5HZ10346E	112935	F6UU10300EA	111200	F8OZ10346CA	112942	GL352	112935
F5OU10300FB	112942	F6UU10300EB	111200	F8PU10346CA	112936	GL355	112944
F5PU10300GA	112928	F6UU10300FA	111200	F8PZ10346CA	112936	GL356	112943
F5PU10346BA	112939	F6UU10300AA	112923	F8RU11000AA	113702	GL357	112943
F5PU10346CA	112938	F6UZ10346SA	112928	F8RZ10346CC	112952	GL358	112993
F5PU10346EA	112935	F6UZ10346VA	111200	F8XA10300AA	113369	GL362	113369
F5PZ10346GA	112928	F6VU11000AA	112646	F8XZ10346AA	113369	GL363	112946
F5RU10300BA	112939	F6XA10300AB	113369	F8ZU10300AA	112993	GL367	112941
F5RU10300BB	112939	F6XA10300AA	113369	FAC11000	113729	GL372	112940
F5RU10300BC	112939	F6XZ10346AA	113369	FAC11001	113729	GL384	112942
F5RU10346BA	112939	F6ZU10300BB	112943	FAC11001B	113729	GL385	112939
F5RU10346BC	112939	F6ZU10300BC	112943	FAC11001G	113729	GL387	112935
F5RZ10346B	112939	F6ZU10300BE	112943	FAC11001H	113729	GL390	112924
F5RZ10346BB	112939	F6ZU10300BG	112943	FAC11001M	113729	GL405	112918
F5TU11000AB	112276	F6ZZ10346B	112943	FAC11002G	113729	GL406	112942
F5TU11000AD	112276	F75U11000AB	112646	FAC1101P	113729	GL407	112947
F5TU11000AA	112276	F75U11000AC	112646	FAC1102	113729	GL411	112953
F5TU11002A	112276	F75U11000AA	112646	FAC1102B	113729	GL412	112949
F5UU10300BA	111200	F75Z11002AA	112646	FAG11002G	113729	GL412RM	112949
F5UU10300CA	112377	F77U10300AB	112946	FAG11002M	113729	GL416	112939
F5UU10300AA	111200	F77U10300BA	111199	FOCU10346A	113236	GL419	112952
F5UZ10346A	111200	F77U10300BB	111199	FOHU10346FA	113765	GL419RM	112952
F5UZ10346CA	112377	F77Z10346AB	112946	GL155	112915	GL420	113369
F5XY11002A	113136	F7CU10300AB	111199	GL222	112836	GL421	113370
F65U10300BB	112962	F7CU10300CB	112941	GL224	112837	GL422	112950
F65U10300EA	112940	F7CZ10346CB	112941	GL225	112838	GL422RM	112950
F671002AA	113226	F7HT11001FA	112253	GL226	112836	GL423	112946
F67U10300BA	111199	F7HT11002FH	112253	GL228	112836	GL423RM	112946
F67U10300AA	111199	F7LU11000BA	112646	GL229	112836	GL424	112954
F67U11000AA	113226	F7LU11000AA	112646	GL230	112836	GL424RM	112954
F67Z11002AA	113226	F7LZ11002BA	112646	GL230A	112836	GL425	112951
F68U11000AB	112586	F7PU10300JA	112918	GL234	112838	GL426	112956
F68U11000AC	112586	F7PU10346CB	112941	GL234A	112838	GL426RM	112956
F68U11000BA	112586	F7PU10346JA	112918	GL236	112836	GL428	112936
F68U11000AA	112586	F7PU11000EA	112603	GL236A	112836	GL431	112952
F68Z11002AB	112586	F7PU11000KA	111844	GL237	112835	GL434	112942
F68Z11002BA	112586	F7PZ10346JA	112918	GL238	112837	GL434RM	112942
F68Z11002AA	112586	F7PZ10346LA	111199	GL238A	112837	GL452	112944
F69U10300AA	112928	F7PZ11002EA	112603	GL239	112836	GL452RM	112944
F6AZ10346AA	112927	F7PZ11002KA	111844	GL240	112841	GL455	112959
F6DU10300BB	112944	F7RU11000AA	111730	GL240A	112841	GL455RM	112959
F6DU10300BC	112944	F7SU11000A1B	111183	GL241	112835	GL456	112958
F6DU10300BD	112944	F7SU11000AB	111183	GL241A	112835	GL456RM	112958
F6DU10300FA	112936	F7SU11000AA	111183	GL244	112837	GL462	112958
F6DZ10346B	112944	F7SZ11002AA	111183	GL244A	112837	GL462RM	112958
F6HT10300KA	112935	F7UU10300AB	112940	GL244-A	112837	GL463	112961
F6HT10300LA	112928	F81U10300DB	112953	GL246	111252	GL481	112939
F6HT10300MA	112935	F81U10300DC	112953	GL248	112835	GL490	112918
F6HT11001DA	114630	F81U10300DD	112953	GL252	111252	GL520	112842
F6HZ11002DA	114630	F81U10300DE	112953	GL253	112835	GL570	113744
F6LU10300CA	112943	F81U10300EB	112949	GL258	112838	GL634	113744
F6LU10300CB	112943	F81U10300GA	112950	GL260	112839	GL94	113013
F6LU10300CC	112943	F81U11000AB	112608	GL262A	112917	GLE105A	110133
F6LU10300CD	112943	F81U11000AC	112608	GL263	111252	GLE172	112915
F6LY10346A	112943	F81U11000AD	112608	GL267	112916	GLE327	113554
F6OU10300AB	112942	F81U11000AA	112608	GL268	112840	GLE328	113368
F6OU10300AA	112942	F81Z10346DA	112953	GL276	113236	R2S7T11000DB	112821
F6OY10346AA	112942	F81Z10346EA	112949	GL277	112922	R72GB10346NA	111289
F6PU10300SA	112298	F81Z10346GA	112950	GL279	112929	R835F11000AC	112251
F6PU10346KA	112928	F81Z11002AA	112608	GL282	112843	R835X11000AC	112251
F6PU10346SA	112298	F85U10300AB	111200	GL283	112843	R86AB11000HA	111131
F6PU10346TA	112935	F85U10300BA	112962	GL295	112916	R86AB11000JA	111131
F6PU10346XA	112924	F85U10300AA	111200	GL296	112840	R86AX10300AB	111362
F6PU10346AA	112927	F87U11000A1A	112600	GL301	112920	R86AX10300MB	110891
F6PU10346AAE	112936	F87U11000A1B	112600	GL308	111199	R86AX10300AAA	111176
F6PZ10346AE	112936	F87U11000CA	112599	GL309	112922	R86GB11000CA	111131
F6PZ10346AF	112935	F87U11000CB	112599	GL312	112921	R86GB11000EA	111131
F6PZ10346CA	111199	F87U11000AA	112600	GL314	112926	R86GB11000GA	111131
F6PZ10346HA	112923	F87Z11002AA	112600	GL317	112927	R86GB11000AA	111131
F6PZ10346KA	112928	F89U11000CA	112599	GL318	112928	R87GB11000CB	111131
F6PZ10346LA	111199	F89U11000AA	112588	GL319	112925	R894X10300AA	111754
F6PZ10346RA	112940	F89Z11002CA	112599	GL321	112923	R89AB11000CA	112290

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
R89FF10300CD	111360	SA793	113218	XS9110300AB	112939	HSP112150	111306
R89FF10300CE	111360	SA794	113221	XS9110300AE	112960	HSP112160	111307
R89FF10300EC	111176	SA795	113220	XS9110300BB	112952	<b>HARLEY DAVIDSON</b>	
R89FX10300BA	110607	SA797	113224	XS9110300BC	112952	29975-65C	111919
R89FX10300CD	111360	SA798	113223	XW4Z10346AA	114541	29978-77A	111919
R89FX10300GB	111356	SA799	112584	XW7Z10346AA	112942	31458-66B	111835
R89FX10300AA	111754	SA800	111370	Y8SZ11002AA	111374	31458-66C	111835
R91AB11000AB	111131	SA801	113614	YC1T10300BC	113285	31458-66TA	111835
R91AB11000FA	112290	SA802	112667	YC1T10300BD	113285	31552-89	111837
R91AB11000JA	111131	SA807	112584	YC1T10300BE	113285	31552-89A	111837
R91AX11000AB	111131	SA808	112592	YC1T10300BG	113285	31553-90	111845
R91AX11000JB	111131	SA813	112235	YC1T10300BH	113285	31553-94	111839
R91AX11000KB	111131	SA814	112340	YC1T10300BJ	113285	31558-90	111845
R91BB11000JA	111131	SA815	111374	YC1U10300BB	113285	31558-94	111839
R924X10300AB	111623	SA816	113136	YC1U10300DA	113285	31570-73B	111836
R92AB11000FB	111131	SA817	112276	YC1U10300DB	113285	31570-73C	111836
R92AB11000HA	112290	SA820	113136	YC1U10300DC	113285	31570-73T	111836
R92AB11000HB	112290	SA831	113226	YC1U10300DE	113285	31570-89	111837
R92AX11000JB	111131	SA832	112586	YC1U10300EA	113913	31570-89A	111837
R93BB10300AG	111427	SA833	112586	YC1U10300EC	113913	<b>HATTAT TARIM</b>	
R93BB11000AC	112235	SA838	112646	YC1U1000AB	112821	9HT12010A6A	114388
R93BB11000JB	112340	SA841	111183	YC1U11000AC	112821	<b>HATZ</b>	
R93BB11000JC	112340	SA842	112646	YC1U11000AD	112821	40000610	111304
R93BB11000KC	111374	SA849	112646	YC1U11000AE	112821	40099300	111649
R93BB11000KD	111374	SA851	112599	YC1U11000AF	112821	50353420	112040
R94AB10300BA	111292	SA853	111844	YC1U11000AG	112821	50353510	114106
R954F10300AA	111742	SA855	112603	YC1U11000AA	112821	50353511	114106
R95AB10300DB	112680	SA857	112600	YC3U11000AA	112608	50495900	112040
R95FF10300AC	112325	SA859	112588	YF0U10300EA	112944	50495901	114106
R95GB10300MA	112698	SA871	112586	YF1U10300EB	112944	50496201	113982
R95GB10300MB	112698	SA873	112608	YF1U10300EN	112944	<b>HELLA</b>	
R95GX11000EA	111030	SA885	112603	YF1Z10346E	112944	8EA725962-001	110536
R95VB10300BB	113914	SA898	111374	YM2110300CA	113884	8EA725963-001	112660
R95VW10300ABA	111988	SAE762	110842	YM2110300AA	112002	8EA725965-001	110439
R95VW10300CC	111887	SAE770	110810	YM2111000BA	112429	8EA725966-001	110775
R95VW10300KB	112709	SAE777	111370	YM2111000BB	112429	8EA725967-001	110536
R95VW10300NA	111477	SAE781	110810	YS1610300CC	113599	8EA725968-001	110858
R96BB10300BA	112939	SAE792	110810	YS4U11000AB	111906	8EA725969-001	111052
R96FB10300DD	113447	SAEJ1171	111786	YS4U11000BA	111906	8EA725970-001	110524
R96FB11000KC	111906	SAV786RM	113225	YS4U11000BB	111906	8EA725971-001	110212
R96FB11000KD	111906	SBA185046320	113562	YS4U11000DA	112235	8EA725972-001	110524
R96FB11000LC	111906	SBA185086410	111300	YS4U11000DB	112235	8EA725973-001	110524
R96FB11000LD	111906	SBA185086500	111300	YS4U11000DC	112235	8EA725974-001	110212
R97AB10300AD	112121	SBA185086530	113696	YS4U11000DD	112235	8EA725975-001	111053
R97AB10300AE	112121	SBA185086551	112177	YS4U11000EA	111906	8EA725976-001	111053
R97KB10300AA	113833	SBA185086650	112177	YS6110300BF	112654	8EA725977-001	111100
R97KB10300AB	113701	U88VG10K359AA	110607	YS6110300CA	113599	8EA725978-001	110793
R97KB11000AC	113701	V84FB11000BA	110337	YS6110300CC	113599	8EA725979-001	110824
R98AB11000AD	112290	V84FB11000AA	110337	YS6110300DB	114066	8EA725980-001	110825
R98VB11000B1A	112251	V87VG10300AB	111368	YS8Z11002AA	111374	8EA725981-001	110825
RV87VG10300AB	111368	V87VG10300AA	111368	<b>HALLA</b>			
RV87VX10300AB	111368	V89AB10300AA	111176	HAB111100	111406	8EA725982-001	110352
RV94GB10300BB	111623	V94GB10K359AC	111623	HAB160100	111308	8EA725983-001	110826
RYC1U11000AF	112821	XF2U10300AB	112951	HAB160102	111342	8EA726004-001	110624
SA661A	110224	XF2U10300BC	112956	HAB165100	110660	8EA726005-001	111055
SA709A	110225	XF2Z10346BA	112956	HAB170103	111337	8EA726010-001	110860
SA709B	110225	XF2Z10346AA	112951	HAB170140	111237	8EA726012-001	111102
SA712	110224	XF5210300AC	113370	HAB170144	111237	8EA726013-001	111104
SA732	112963	XF5Z10346AA	113370	HAB170144	110664	8EA726014-001	110831
SA733	110225	XL2U10300AA	112946	HAB175120	110802	8EA726019-001	110525
SA738	112965	XL2Z10346AA	112946	HAB175160	111343	8EA726020-001	110368
SA739	112267	XL3U10300CA	111200	HAB175200	111309	8EA726021-001	111102
SA746	112016	XL3U10300CB	111200	HAB180101	111317	8EA726022-001	110206
SA754	112966	XM3410300BA	112352	HAB190120	110804	8EA726024-001	110531
SA760	112966	XM3410300AA	112352	HAB190140	111405	8EA726025-001	110210
SA764A	113125	XM3411002CA	113702	HAD155500	110706	8EA726026-001	110462
SA768A	112089	XR3U10300AB	112954	HAD165500	110806	8EA726027-001	110565
SA771	112584	XR3U10300AA	112954	HAD165504	111339	8EA726029-001	110814
SA771A	112584	XR3Z10346AA	112954	HAD165520	111929	8EA726030-001	110517
SA774	113217	XR8U10300AE	114541	HSC107100	110158	8EA726031-001	110521
SA775	112030	XR8Z10346AA	114541	HSC108100	110807	8EA726032-001	110529
SA776	111844	XS7U11000AE	112821	HSC109120	110958	8EA726034-001	111056
SA779	113216	XS7U11000C3A	112235	HSG120500	110809	8EA726037-001	110862
SA784	111370	XS7U11000C4A	112235	HSG120510	110578	8EA726038-001	111640
SA785	113222	XS7U11000C4A1	112235	HSG232500	110576	8EA726040-001	110996
SA786	113225	XS7U11000CB	112235	HSP112110	110811	8EA726043-001	111106
SA787	112584	XS7U11000CC	112235	HSP112120	111242	8EA726044-001	110864
SA789	112592	XS8Z10346BB	112952	HSP112130	111305	8EA726045-001	110337
SA790	112584	XS8Z10346AA	112960	HSP112140	111242	8EA726046-001	110835

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HELLA</b> <i>Continued</i>							
8EA726047-001	111010	8EA726160-001	112455	8EA726428-001	110152	8EA730198-001	110522
8EA726048-001	112289	8EA726161-001	112172	8EA726429-001	110154	8EA730199-001	113847
8EA726049-001	110836	8EA726162-001	114118	8EA726432-001	111022	8EA730200-001	112295
8EA726050-001	110812	8EA726163-001	111122	8EA726433-001	110156	8EA730201-001	111750
8EA726052-001	111489	8EA726164-001	111123	8EA726434-001	110157	8EA730203-001	112817
8EA726053-001	111058	8EA726165-001	111124	8EA726435-001	110155	8EA730204-001	111231
8EA726054-001	111059	8EA726166-001	111125	8EA726436-001	110809	8EA730205-001	111693
8EA726055-001	111060	8EA726167-001	110213	8EA726441-001	110315	8EA730209-001	110443
8EA726056-001	110865	8EA726170-001	110523	8EA726442-001	110158	8EA730210-001	110449
8EA726057-001	111061	8EA726172-001	111127	8EA726444-001	110291	8EA730211-001	110450
8EA726059-001	111107	8EA726173-001	111228	8EA726445-001	110718	8EA730213-001	110454
8EA726061-001	110837	8EA726174-001	110851	8EA726449-001	110323	8EA730215-001	110980
8EA726062-001	110608	8EA726175-001	111029	8EA726451-001	110386	8EA730216-001	110566
8EA726063-001	110585	8EA726176-001	110354	8EA726453-001	110292	8EA730217-001	110459
8EA726064-001	110838	8EA726177-001	110207	8EA726454-001	110717	8EA730219-001	110615
8EA726065-001	111109	8EA726179-001	110209	8EA726456-001	110389	8EA730220-001	110640
8EA726066-001	110866	8EA726181-001	111694	8EA726458-001	110160	8EA730222-001	111755
8EA726068-001	111063	8EA726182-001	111332	8EA726461-001	110295	8EA730224-001	112536
8EA726069-001	111064	8EA726183-001	111129	8EA726467-001	110386	8EA730225-001	112125
8EA726070-001	110839	8EA726184-001	111421	8EA726468-001	110394	8EA730226-001	110208
8EA726072-001	110840	8EA726185-001	110368	8EA726471-001	110396	8EA730229-001	112286
8EA726073-001	110867	8EA726186-001	111751	8EA726473-001	110397	8EA730230-001	111030
8EA726074-001	110587	8EA726188-001	111030	8EA726474-001	110400	8EA730231-001	110958
8EA726075-001	111347	8EA726189-001	110532	8EA726475-001	110402	8EA730233-001	111442
8EA726076-001	110842	8EA726190-001	110533	8EA726476-001	110399	8EA730236-001	112214
8EA726077-001	111269	8EA726191-001	111130	8EA726480-001	110708	8EA730238-001	111445
8EA726078-001	111030	8EA726193-001	112321	8EA726482-001	111475	8EA730239-001	111136
8EA726080-001	110351	8EA726196-001	110813	8EA726484-001	110479	8EA730240-001	111446
8EA726083-001	110530	8EA726199-001	112295	8EA726487-001	110467	8EA730241-001	111546
8EA726084-001	110465	8EA726200-001	113389	8EA726488-001	111310	8EA730244-001	110474
8EA726085-001	110461	8EA726205-001	110584	8EA726490-001	111805	8EA730245-001	111548
8EA726086-001	112541	8EA726208-001	110854	8EA726492-001	110473	8EA730246-001	111241
8EA726087-001	110454	8EA726209-001	112308	8EA726493-001	110719	8EA730247-001	110396
8EA726089-001	110867	8EA726211-001	111865	8EA726494-001	110709	8EA730248-001	110574
8EA726090-001	111070	8EA726212-001	113745	8EA726499-001	110157	8EA730249-001	111447
8EA726092-001	110365	8EA726213-001	111865	8EA726501-001	110575	8EA730250-001	111448
8EA726093-001	113380	8EA726214-001	110441	8EA726502-001	111558	8EA730251-001	111386
8EA726094-001	111270	8EA726216-001	111131	8EA726503-001	110477	8EA730252-001	111006
8EA726095-001	111112	8EA726218-001	114460	8EA726504-001	111683	8EA730253-001	111449
8EA726097-001	110998	8EA726219-001	113468	8EA726505-001	110576	8EA730254-001	110581
8EA726098-001	112537	8EA726221-001	112306	8EA726506-001	111441	8EA730255-001	111562
8EA726100-001	110793	8EA726222-001	112167	8EA726507-001	111182	8EA730257-001	110411
8EA726101-001	111114	8EA726223-001	112052	8EA726508-001	111560	8EA730258-001	111451
8EA726102-001	112295	8EA726225-001	112013	8EA726509-001	110713	8EA730259-001	111552
8EA726103-001	111068	8EA726227-001	110363	8EA726510-001	110712	8EA730260-001	111303
8EA726104-001	110844	8EA726229-001	110364	8EA726511-001	114318	8EA730261-001	110421
8EA726105-001	111131	8EA726231-001	110771	8EA726512-001	111543	8EA730263-001	110245
8EA726106-001	111069	8EA726232-001	110341	8EA726513-001	111608	8EA730264-001	110246
8EA726108-001	111851	8EA726233-001	110868	8EA726514-001	110811	8EA730265-001	110355
8EA726109-001	111115	8EA726236-001	110772	8EA726516-001	111561	8EA730266-001	110356
8EA726112-001	111117	8EA726238-001	110336	8EA726518-001	111544	8EA730267-001	110412
8EA726116-001	111118	8EA726242-001	110997	8EA726521-001	111246	8EA730268-001	110415
8EA726118-001	113134	8EA726243-001	110870	8EA726522-001	110810	8EA730269-001	110417
8EA726119-001	111025	8EA726246-001	110365	8EA726525-001	111559	8EA730270-001	110447
8EA726120-001	110847	8EA726247-001	110338	8EA726540-001	110227	8EA730272-001	110486
8EA726121-001	111070	8EA726249-001	110774	8EA726542-001	110509	8EA730274-001	110490
8EA726122-001	111619	8EA726250-001	110856	8EA726543-001	111000	8EA730275-001	110720
8EA726124-001	111423	8EA726251-001	110367	8EA726544-001	112897	8EA730276-001	110941
8EA726125-001	111400	8EA726253-001	110527	8EA726545-001	111277	8EA730277-001	110507
8EA726126-001	112533	8EA726254-001	110214	8EA726552-001	111387	8EA730278-001	110552
8EA726131-001	110534	8EA726255-001	110207	8EA730171-001	112131	8EA730280-001	110555
8EA726132-001	110535	8EA726397-001	110142	8EA730174-001	110545	8EA730281-001	110556
8EA726133-001	110790	8EA726399-001	110144	8EA730177-001	113465	8EA730282-001	110557
8EA726134-001	111120	8EA726400-001	110277	8EA730178-001	113466	8EA730285-001	110560
8EA726135-001	111636	8EA726401-001	110278	8EA730180-001	113346	8EA730286-001	110568
8EA726136-001	111637	8EA726402-001	110279	8EA730181-001	112454	8EA730287-001	110580
8EA726137-001	111489	8EA726403-001	110280	8EA730182-001	112321	8EA730288-001	110723
8EA726138-001	110584	8EA726404-001	110308	8EA730183-001	112290	8EA730290-001	110656
8EA726139-001	111638	8EA726406-001	110310	8EA730184-001	112131	8EA730291-001	111452
8EA726140-001	113844	8EA726407-001	110145	8EA730186-001	112133	8EA730293-001	110221
8EA726142-001	110518	8EA726408-001	110249	8EA730187-001	110981	8EA730294-001	110223
8EA726143-001	111755	8EA726411-001	111458	8EA730188-001	111748	8EA730295-001	110224
8EA726146-001	113467	8EA726413-001	110260	8EA730189-001	111749	8EA730297-001	110953
8EA726150-001	110582	8EA726414-001	110253	8EA730190-001	112166	8EA730298-001	110228
8EA726151-001	111752	8EA726415-001	110311	8EA730193-001	112136	8EA730299-001	110230
8EA726154-001	110208	8EA726416-001	110312	8EA730194-001	111694	8EA730300-001	110232
8EA726156-001	113845	8EA726421-001	110149	8EA730195-001	110842	8EA730301-001	110241
8EA726158-001	113846	8EA726423-001	110256	8EA730196-001	112818	8EA730302-001	110222
8EA726159-001	112135	8EA726424-001	110421	8EA730197-001	111251	8EA730303-001	110999



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8EA730305-001	110604	8EA732681-001	111034	8EA737182-001	112459	8EA737416-001	110616
8EA730306-001	110346	8EA732682-001	111786	8EA737183-001	111231	8EA737417-001	111911
8EA730307-001	110347	8EA732683-001	110602	8EA737184-001	113446	8EA737419-001	111874
8EA730308-001	112341	8EA732685-001	110949	8EA737186-001	111534	8EA737420-001	112336
8EA730310-001	110468	8EA732845-001	111565	8EA737187-001	111492	8EA737422-001	113936
8EA730311-001	110469	8EA732846-001	110578	8EA737188-001	111551	8EA737424-001	111690
8EA730313-001	110472	8EA732847-001	110616	8EA737190-001	112083	8EA737443-001	111885
8EA730315-001	110231	8EA732848-001	110617	8EA737235-001	111680	8EA737446-001	112340
8EA730316-001	110491	8EA732849-001	110961	8EA737236-001	111499	8EA737460-001	111724
8EA730317-001	110506	8EA732850-001	111005	8EA737237-001	111904	8EA737463-001	111731
8EA730318-001	110569	8EA732851-001	111021	8EA737238-001	111399	8EA737464-001	111728
8EA730319-001	110588	8EA732852-001	111087	8EA737239-001	111396	8EA737465-001	111305
8EA730320-001	110590	8EA732853-001	110962	8EA737240-001	111404	8EA737468-001	110229
8EA730321-001	110602	8EA732854-001	111472	8EA737242-001	111211	8EA737479-001	111769
8EA730322-001	112267	8EA732855-001	110999	8EA737243-001	111346	8EA737480-001	111783
8EA730324-001	110510	8EA732856-001	111000	8EA737244-001	111304	8EA737484-001	111459
8EA730325-001	110799	8EA732857-001	111049	8EA737245-001	111284	8EA737485-001	111784
8EA730327-001	110634	8EA732858-001	111183	8EA737246-001	110440	8EA737486-001	111300
8EA730328-001	110635	8EA732859-001	111190	8EA737247-001	110538	8EA737487-001	111785
8EA731759-001	113443	8EA732860-001	111222	8EA737248-001	110539	8EA737488-001	111347
8EA731760-001	110368	8EA732861-001	111043	8EA737249-001	110819	8EA737494-001	111771
8EA731762-001	111001	8EA732889-001	112819	8EA737251-001	110932	8EA737504-001	111334
8EA731767-001	113483	8EA732891-001	111004	8EA737252-001	111047	8EA737506-001	112235
8EA731768-001	111750	8EA732892-001	111003	8EA737253-001	111490	8EA737508-001	111763
8EA731769-001	112309	8EA732894-001	111015	8EA737254-001	113752	8EA737510-001	111984
8EA731770-001	112132	8EA732895-001	111097	8EA737255-001	111506	8EA737526-001	112026
8EA731773-001	111047	8EA737081-001	111333	8EA737258-001	111305	8EA737530-001	111844
8EA731774-001	113481	8EA737082-001	112124	8EA737259-001	111525	8EA737532-001	111981
8EA731778-001	113750	8EA737084-001	112053	8EA737260-001	111349	8EA737537-001	111994
8EA731779-001	112286	8EA737085-001	111508	8EA737261-001	111275	8EA737543-001	112006
8EA731780-001	112141	8EA737086-001	112555	8EA737262-001	111276	8EA737545-001	111970
8EA731782-001	112553	8EA737088-001	111574	8EA737263-001	111272	8EA737550-001	112013
8EA731784-001	113444	8EA737089-001	110545	8EA737264-001	111254	8EA737557-001	111995
8EA731785-001	113381	8EA737091-001	110442	8EA737265-001	111273	8EA737567-001	112014
8EA731786-001	111311	8EA737092-001	110444	8EA737266-001	110627	8EA737571-001	111983
8EA731788-001	111274	8EA737093-001	110460	8EA737267-001	110934	8EA737575-001	111931
8EA731789-001	111023	8EA737094-001	110464	8EA737268-001	110947	8EA737578-001	111996
8EA731790-001	110142	8EA737096-001	110537	8EA737269-001	111277	8EA737579-001	112005
8EA731792-001	111454	8EA737098-001	111024	8EA737270-001	112341	8EA737583-001	111791
8EA731793-001	111385	8EA737100-001	111218	8EA737271-001	110436	8EA737585-001	111793
8EA731794-001	111312	8EA737102-001	111217	8EA737272-001	110654	8EA737586-001	111969
8EA731795-001	111455	8EA737103-001	113705	8EA737273-001	111585	8EA737588-001	111971
8EA731796-001	111401	8EA737104-001	111209	8EA737288-001	110214	8EA737594-001	111912
8EA731797-001	111456	8EA737105-001	111208	8EA737290-001	111817	8EA737605-001	112033
8EA731799-001	110411	8EA737106-001	111906	8EA737291-001	111685	8EA737609-001	114123
8EA731800-001	111458	8EA737107-001	111374	8EA737293-001	111851	8EA737614-001	111551
8EA731801-001	111459	8EA737108-001	112116	8EA737294-001	113430	8EA737621-001	112074
8EA731803-001	111246	8EA737112-001	113701	8EA737306-001	112236	8EA737627-001	112055
8EA731804-001	111461	8EA737113-001	111463	8EA737312-001	111908	8EA737628-001	113108
8EA731805-001	111476	8EA737114-001	111550	8EA737313-001	113644	8EA737629-001	112071
8EA731807-001	111728	8EA737115-001	111473	8EA737314-001	111865	8EA737640-001	112080
8EA731809-001	111564	8EA737116-001	113668	8EA737318-001	111906	8EA737656-001	112103
8EA732651-001	112382	8EA737117-001	111464	8EA737320-001	111984	8EA737659-001	112116
8EA732652-001	111983	8EA737119-001	111455	8EA737330-001	110218	8EA737660-001	112440
8EA732653-001	111214	8EA737123-001	111306	8EA737331-001	110226	8EA737676-001	112117
8EA732654-001	110551	8EA737124-001	111307	8EA737332-001	111043	8EA737677-001	112227
8EA732655-001	111630	8EA737125-001	111382	8EA737333-001	110647	8EA737680-001	112221
8EA732656-001	113387	8EA737126-001	113040	8EA737334-001	110636	8EA737683-001	111983
8EA732658-001	111848	8EA737127-001	110437	8EA737335-001	110644	8EA737692-001	112224
8EA732659-001	112307	8EA737130-001	110942	8EA737336-001	110648	8EA737693-001	112215
8EA732660-001	112119	8EA737131-001	110944	8EA737337-001	110647	8EA737696-001	112217
8EA732661-001	110820	8EA737132-001	111224	8EA737340-001	111685	8EA737699-001	112216
8EA732662-001	111913	8EA737133-001	110245	8EA737342-001	111905	8EA737700-001	113361
8EA732663-001	111098	8EA737134-001	111189	8EA737345-001	111679	8EA737701-001	112214
8EA732664-001	111108	8EA737135-001	111050	8EA737346-001	111442	8EA737702-001	112213
8EA732665-001	111197	8EA737140-001	111041	8EA737351-001	111641	8EA737706-001	113446
8EA732666-001	111242	8EA737145-001	110840	8EA737356-001	113665	8EA737709-001	113067
8EA732667-001	111549	8EA737146-001	113451	8EA737357-001	113649	8EA737711-001	113757
8EA732668-001	111303	8EA737147-001	111900	8EA737358-001	112340	8EA737797-001	111251
8EA732669-001	111566	8EA737148-001	112124	8EA737361-001	111821	8EA738232-001	113843
8EA732670-001	111556	8EA737149-001	113674	8EA737362-001	111550	8EA738251-001	113926
8EA732671-001	110933	8EA737150-001	112251	8EA737373-001	111619	8EA738258 -921	114179
8EA732672-001	110938	8EA737151-001	111420	8EA737376-001	113605	8EA738258-101	113962
8EA732673-001	110940	8EA737152-001	111488	8EA737389-001	111681	8EA738258-111	112822
8EA732676-001	111028	8EA737153-001	111762	8EA737403-001	111910	8EA738258-131	113937
8EA732677-001	111088	8EA737154-001	111485	8EA737406-001	111909	8EA738258-151	113935
8EA732678-001	111554	8EA737155-001	111557	8EA737407-001	111823	8EA738258-181	113702
8EA732679-001	111012	8EA737180-001	111425	8EA737411-001	113025	8EA738258-191	113756
8EA732680-001	111760	8EA737181-001	113753	8EA737412-001	111682	8EA738258-211	114095

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HELLA</b> <i>Continued</i>							
8EA738258-221	112373	8EL725690-001	110921	8EL725804-001	110902	8EL725920-001	112770
8EA738258-231	113897	8EL725691-001	113378	8EL725805-001	111620	8EL725921-001	112292
8EA738258-271	113719	8EL725692-001	111075	8EL725806-001	110972	8EL725922-001	112230
8EA738258-291	113672	8EL725693-001	110542	8EL725807-001	110972	8EL725923-001	114026
8EA738258-311	114119	8EL725694-001	111086	8EL725810-001	111667	8EL725924-001	111171
8EA738258-361	113676	8EL725695-001	111076	8EL725812-001	113376	8EL725925-001	113838
8EA738258-371	113934	8EL725696-001	110348	8EL725813-001	111166	8EL725926-001	111418
8EA738258-381	113830	8EL725697-001	112149	8EL725815-001	112056	8EL725927-001	111661
8EA738258-531	113797	8EL725698-001	110902	8EL725816-001	111169	8EL725928-001	112771
8EA738258-581	114093	8EL725699-001	112149	8EL725817-001	112345	8EL725929-001	112774
8EA738258-591	114094	8EL725700-001	112725	8EL725818-001	111170	8EL725930-001	112194
8EA738258-841	113959	8EL725702-001	111153	8EL725819-001	110357	8EL725931-001	112775
8EA738258-931	113466	8EL725704-001	111154	8EL725820-001	111539	8EL725933-001	111325
8EA749553-001	111982	8EL725707-001	111362	8EL725822-001	110105	8EL725935-001	110730
8EL725566-001	111178	8EL725708-001	111364	8EL725824-001	112751	8EL725936-001	110735
8EL725568-001	110743	8EL725709-001	111078	8EL725825-001	112162	8EL725943-001	110641
8EL725569-001	110745	8EL725712-001	111799	8EL725826-001	111171	8EL725944-001	111180
8EL725570-001	110743	8EL725713-001	110607	8EL725828-001	112813	8EL725950-001	111083
8EL725573-001	111138	8EL725713-001	111754	8EL725829-001	111172	8EL725951-001	1110358
8EL725574-001	110611	8EL725714-001	113574	8EL725830-001	111170	8EL725953-001	111085
8EL725575-001	110877	8EL725715-001	112727	8EL725831-001	111173	8EL725955-001	111096
8EL725576-001	110877	8EL725716-001	110889	8EL725832-001	112754	8EL725956-001	111096
8EL725578-001	110911	8EL725717-001	111156	8EL725833-001	112755	8EL725957-001	111086
8EL725580-001	111289	8EL725718-001	110890	8EL725834-001	111319	8EL725958-001	111289
8EL725581-001	111035	8EL725719-001	112728	8EL725835-001	111319	8EL725959-001	113376
8EL725582-001	111656	8EL725720-001	112729	8EL725844-001	112756	8EL725960-001	113376
8EL725583-001	110912	8EL725721-001	111095	8EL725846-001	112757	8EL726079-001	111065
8EL725584-001	110043	8EL725723-001	111093	8EL725847-001	111175	8EL726256-001	110128
8EL725585-001	110349	8EL725724-001	112730	8EL725848-001	110905	8EL726257-001	110129
8EL725586-001	110350	8EL725726-001	111157	8EL725851-001	111176	8EL726259-001	110131
8EL725587-001	110112	8EL725728-001	111419	8EL725852-001	111364	8EL726260-001	110168
8EL725589-001	110360	8EL725729-001	112732	8EL725854-001	112759	8EL726261-001	110264
8EL725591-001	110913	8EL725730-001	110990	8EL725855-001	111355	8EL726264-001	110267
8EL725592-001	111653	8EL725732-001	110360	8EL725857-001	112760	8EL726268-001	110927
8EL725593-001	111652	8EL725736-001	110895	8EL725858-001	110906	8EL726270-001	110660
8EL725602-001	110751	8EL725737-001	110116	8EL725858-001	113920	8EL726273-001	110258
8EL725604-001	111834	8EL725738-001	112734	8EL725859-001	112453	8EL726276-001	110133
8EL725605-001	110914	8EL725740-001	112735	8EL725860-001	111178	8EL726278-001	110136
8EL725606-001	110178	8EL725742-001	112098	8EL725861-001	111621	8EL726281-001	110138
8EL725607-001	111139	8EL725743-001	112736	8EL725862-001	111321	8EL726282-001	110138
8EL725609-001	110744	8EL725744-001	110766	8EL725863-001	111179	8EL726284-001	110139
8EL725612-001	110754	8EL725745-001	111160	8EL725866-001	112238	8EL726285-001	110273
8EL725617-001	111071	8EL725748-001	111093	8EL725867-001	110907	8EL726286-001	110274
8EL725618-001	110916	8EL725750-001	110896	8EL725868-001	111360	8EL726287-001	110250
8EL725620-001	110178	8EL725752-001	110877	8EL725868-001	113920	8EL726288-001	110628
8EL725621-001	110179	8EL725753-001	110726	8EL725870-001	112762	8EL726289-001	110496
8EL725622-001	110766	8EL725754-001	111036	8EL725871-001	111288	8EL726291-001	110248
8EL725625-001	111141	8EL725755-001	110991	8EL725872-001	110622	8EL726295-001	110805
8EL725626-001	110113	8EL725756-001	111800	8EL725875-001	111799	8EL726297-001	110140
8EL725628-001	111185	8EL725758-001	111095	8EL725878-001	112288	8EL726298-001	110318
8EL725629-001	111184	8EL725759-001	111686	8EL725879-001	113473	8EL726304-001	110307
8EL725630-001	110759	8EL725762-001	110881	8EL725881-001	111086	8EL726306-001	110374
8EL725632-001	110880	8EL725763-001	111841	8EL725882-001	110770	8EL726307-001	111705
8EL725633-001	110875	8EL725765-001	112739	8EL725883-001	111654	8EL726308-001	110702
8EL725634-001	110876	8EL725766-001	112740	8EL725884-001	113500	8EL726309-001	110693
8EL725636-001	110877	8EL725768-001	111801	8EL725885-001	113469	8EL726312-001	110630
8EL725637-001	111670	8EL725769-001	111170	8EL725886-001	111170	8EL726316-001	110385
8EL725640-001	112097	8EL725770-001	112742	8EL725887-001	113789	8EL726318-001	112297
8EL725641-001	111289	8EL725771-001	110767	8EL725890-001	112764	8EL726319-001	110406
8EL725644-001	110761	8EL725772-001	110117	8EL725891-001	110908	8EL726320-001	110405
8EL725646-001	111072	8EL725773-001	110993	8EL725893-001	112765	8EL726322-001	110677
8EL725649-001	111834	8EL725774-001	112098	8EL725894-001	110607	8EL726325-001	110706
8EL725651-001	111144	8EL725777-001	112744	8EL725894-001	111754	8EL726327-001	111692
8EL725653-001	111948	8EL725778-001	111172	8EL725895-001	111322	8EL726329-001	111236
8EL725659-001	110880	8EL725779-001	110897	8EL725896-001	111948	8EL726330-001	110701
8EL725661-001	110357	8EL725780-001	111082	8EL725897-001	112231	8EL726332-001	110567
8EL725662-001	110881	8EL725781-001	111288	8EL725898-001	112056	8EL726333-001	110965
8EL725663-001	111146	8EL725782-001	110769	8EL725899-001	111662	8EL726334-001	110678
8EL725665-001	110919	8EL725783-001	111163	8EL725900-001	110618	8EL726339-001	110684
8EL725670-001	111147	8EL725786-001	112162	8EL725901-001	110619	8EL726342-001	110703
8EL725671-001	111035	8EL725787-001	112746	8EL725902-001	111287	8EL726343-001	110458
8EL725672-001	111148	8EL725790-001	111164	8EL725903-001	112098	8EL726345-001	110692
8EL725673-001	110882	8EL725793-001	111178	8EL725909-001	111503	8EL726348-001	110683
8EL725675-001	111149	8EL725794-001	110899	8EL725911-001	112238	8EL726349-001	110675
8EL725676-001	110972	8EL725797-001	110925	8EL725912-001	110891	8EL726350-001	111048
8EL725676-001	111168	8EL725798-001	110877	8EL725913-001	111366	8EL726351-001	110682
8EL725682-001	111074	8EL725799-001	111528	8EL725915-001	112768	8EL726353-001	110676
8EL725686-001	110887	8EL725800-001	112747	8EL725917-001	113487	8EL726354-001	110680
8EL725689-001	110920	8EL725801-001	113611	8EL725919-001	112769	8EL726355-001	110662

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8EL726356-001	110694	8EL730055-001	112789	8EL730160-001	110504	8EL732704-001	111292
8EL726357-001	110686	8EL730056-001	112790	8EL730161-001	110508	8EL732706-001	112151
8EL726359-001	110664	8EL730057-001	112791	8EL730163-001	110724	8EL732707-001	112159
8EL726360-001	111337	8EL730059-001	112792	8EL730164-001	110801	8EL732708-001	112679
8EL726361-001	110699	8EL730060-001	112793	8EL730165-001	110514	8EL732709-001	112680
8EL726362-001	110685	8EL730062-001	111032	8EL730168-001	110952	8EL732710-001	112287
8EL726363-001	110806	8EL730063-001	111629	8EL730169-001	110984	8EL732711-001	112681
8EL726364-001	112531	8EL730064-001	111629	8EL730170-001	110408	8EL732712-001	112682
8EL726365-001	110689	8EL730065-001	111613	8EL731686-001	112299	8EL732713-001	113864
8EL726367-001	110696	8EL730066-001	110803	8EL731687-001	113576	8EL732714-001	112683
8EL726368-001	110632	8EL730067-001	110804	8EL731688-001	111353	8EL732715-001	113485
8EL726369-001	110687	8EL730068-001	110956	8EL731689-001	111733	8EL732716-001	111369
8EL726371-001	111615	8EL730071-001	110660	8EL731690-001	111676	8EL732717-001	112529
8EL726372-001	111428	8EL730072-001	110659	8EL731694-001	111354	8EL732718-001	111042
8EL726374-001	110691	8EL730073-001	110957	8EL731695-001	111148	8EL732719-001	112228
8EL726375-001	110700	8EL730074-001	112970	8EL731699-001	112795	8EL732720-001	111235
8EL726376-001	110697	8EL730076-001	110660	8EL731701-001	112796	8EL732723-001	111237
8EL726377-001	110707	8EL730079-001	111429	8EL731702-001	112797	8EL732724-001	111238
8EL726379-001	110802	8EL730080-001	110679	8EL731703-001	112798	8EL732725-001	111309
8EL726380-001	111268	8EL730081-001	111611	8EL731704-001	112798	8EL732726-001	111437
8EL726381-001	110666	8EL730082-001	110663	8EL731705-001	112799	8EL732727-001	111605
8EL726383-001	110667	8EL730086-001	111578	8EL731706-001	112800	8EL732728-001	111538
8EL726385-001	111372	8EL730088-001	111317	8EL731707-001	112801	8EL732733-001	110307
8EL726386-001	110802	8EL730089-001	111361	8EL731708-001	113632	8EL732734-001	111343
8EL726387-001	111614	8EL730090-001	112087	8EL731710-001	113789	8EL732735-001	110629
8EL726388-001	111187	8EL730092-001	111432	8EL731711-001	110622	8EL732736-001	110620
8EL726389-001	111339	8EL730094-001	111267	8EL731712-001	113471	8EL732737-001	111344
8EL726390-001	112127	8EL730096-001	111264	8EL731714-001	112803	8EL732739-001	110631
8EL726392-001	111747	8EL730097-001	111278	8EL731715-001	113920	8EL732741-001	111579
8EL726393-001	112093	8EL730098-001	111610	8EL731716-001	112806	8EL732742-001	110471
8EL726395-001	111291	8EL730101-001	111265	8EL731717-001	112325	8EL732742-001	110508
8EL726539-001	110233	8EL730103-001	111294	8EL731718-001	113477	8EL732743-001	110514
8EL726546-001	111368	8EL730105-001	111577	8EL731719-001	111658	8EL732744-001	111191
8EL726547-001	112777	8EL730106-001	111609	8EL731720-001	112804	8EL732745-001	111090
8EL726549-001	111279	8EL730107-001	112092	8EL731721-001	110621	8EL732746-001	113051
8EL730000-001	113470	8EL730108-001	111535	8EL731722-001	112229	8EL732747-001	113054
8EL730002-001	110107	8EL730109-001	111240	8EL731723-001	111803	8EL732748-001	113058
8EL730003-001	110163	8EL730111-001	111483	8EL731724-001	111411	8EL732749-001	111199
8EL730004-001	110360	8EL730114-001	111316	8EL731725-001	112718	8EL732750-001	111200
8EL730005-001	111360	8EL730115-001	111433	8EL731726-001	112805	8EL732751-001	112638
8EL730007-001	111686	8EL730116-001	111434	8EL731727-001	111687	8EL732752-001	111202
8EL730008-001	112779	8EL730117-001	111435	8EL731730-001	111511	8EL732867-001	110800
8EL730009-001	113839	8EL730119-001	110445	8EL731731-001	112809	8EL732870-001	111285
8EL730010-001	112780	8EL730121-001	110540	8EL731732-001	112113	8EL732871-001	111741
8EL730013-001	112782	8EL730123-001	110562	8EL731733-001	112810	8EL732872-001	111009
8EL730015-001	111176	8EL730124-001	110657	8EL731735-001	112811	8EL732873-001	111226
8EL730016-001	111367	8EL730125-001	110563	8EL731736-001	112812	8EL732874-001	111631
8EL730016-001	111743	8EL730126-001	110564	8EL731737-001	112813	8EL732875-001	111569
8EL730017-001	111623	8EL730127-001	111243	8EL731739-001	110967	8EL732876-001	111223
8EL730017-001	111742	8EL730129-001	110136	8EL731740-001	114203	8EL732900-001	111732
8EL730019-001	111331	8EL730130-001	110448	8EL731743-001	111606	8EL737001-001	111514
8EL730020-001	112784	8EL730131-001	110805	8EL731745-001	111408	8EL737002-001	113604
8EL730021-001	112785	8EL730132-001	110075	8EL731746-001	111342	8EL737003-001	111426
8EL730022-001	111354	8EL730133-001	110164	8EL731747-001	111315	8EL737006-001	112557
8EL730023-001	111363	8EL730134-001	110170	8EL731749-001	111290	8EL737007-001	112530
8EL730024-001	111739	8EL730135-001	110173	8EL731750-001	111186	8EL737008-001	112234
8EL730025-001	111860	8EL730136-001	110175	8EL731751-001	111215	8EL737011-001	112450
8EL730027-001	112793	8EL730137-001	110176	8EL731752-001	111469	8EL737013-001	112687
8EL730028-001	113438	8EL730138-001	110177	8EL731754-001	112329	8EL737014-001	112688
8EL730029-001	111427	8EL730139-001	110986	8EL731755-001	111280	8EL737015-001	112689
8EL730031-001	111352	8EL730140-001	110234	8EL731757-001	111314	8EL737017-001	113531
8EL730032-001	111649	8EL730141-001	110235	8EL731758-001	111467	8EL737018-001	113865
8EL730033-001	111659	8EL730142-001	110236	8EL732688-001	112815	8EL737019-001	112558
8EL730034-001	111477	8EL730143-001	110237	8EL732689-001	111154	8EL737020-001	112691
8EL730035-001	112456	8EL730144-001	110239	8EL732690-001	111746	8EL737021-001	110923
8EL730036-001	111293	8EL730145-001	110300	8EL732692-001	110360	8EL737021-001	113866
8EL730038-001	111479	8EL730146-001	110325	8EL732693-001	110919	8EL737022-001	112692
8EL730040-001	110048	8EL730147-001	110371	8EL732694-001	111539	8EL737023-001	112693
8EL730041-001	110127	8EL730148-001	110427	8EL732696-001	111520	8EL737024-001	113832
8EL730042-001	110052	8EL730149-001	110985	8EL732698-001	113632	8EL737025-001	112694
8EL730043-001	110077	8EL730150-001	110487	8EL732699-001	113632	8EL737026-001	112695
8EL730044-001	110639	8EL730151-001	110488	8EL732700-001	110607	8EL737027-001	111512
8EL730045-001	111860	8EL730152-001	110492	8EL732700-001	111754	8EL737028-001	111513
8EL730046-001	112757	8EL730153-001	110498	8EL732701-001	110607	8EL737029-001	112696
8EL730047-001	111834	8EL730154-001	110499	8EL732701-001	111754	8EL737030-001	112539
8EL730050-001	110544	8EL730156-001	112126	8EL732702-001	111367	8EL737031-001	111216
8EL730051-001	112788	8EL730157-001	110502	8EL732702-001	111743	8EL737032-001	112325
8EL730053-001	110931	8EL730158-001	110503	8EL732703-001	111623	8EL737033-001	111416
8EL730054-001	111327	8EL730159-001	110233	8EL732703-001	111742	8EL737034-001	112698

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HELLA</b> <i>Continued</i>							
8EL737035-001	112298	8EL737225-001	111018	8EL737440-001	111902	8EL737601-001	111991
8EL737036-001	113447	8EL737226-001	111493	8EL737441-001	111903	8EL737603-001	111947
8EL737037-001	112557	8EL737227-001	111392	8EL737444-001	111719	8EL737604-001	111993
8EL737038-001	111988	8EL737229-001	111390	8EL737445-001	111718	8EL737606-001	112042
8EL737040-001	112699	8EL737230-001	111389	8EL737447-001	111723	8EL737607-001	112043
8EL737042-001	113783	8EL737232-001	111232	8EL737448-001	111722	8EL737610-001	113784
8EL737044-001	112701	8EL737233-001	111252	8EL737450-001	112715	8EL737611-001	112045
8EL737045-001	112557	8EL737234-001	110422	8EL737452-001	111720	8EL737612-001	112031
8EL737047-001	112703	8EL737275-001	112112	8EL737453-001	111500	8EL737613-001	111164
8EL737048-001	112704	8EL737276-001	111510	8EL737456-001	111726	8EL737617-001	112046
8EL737050-001	112705	8EL737277-001	111532	8EL737457-001	111725	8EL737618-001	112057
8EL737051-001	111514	8EL737278-001	111894	8EL737462-001	111729	8EL737619-001	112719
8EL737054-001	113831	8EL737280-001	111850	8EL737466-001	111767	8EL737620-001	112067
8EL737056-001	111517	8EL737281-001	111895	8EL737469-001	112939	8EL737624-001	112063
8EL737057-001	111484	8EL737282-001	111409	8EL737470-001	111797	8EL737625-001	112065
8EL737058-001	111491	8EL737283-001	111890	8EL737471-001	111777	8EL737626-001	112075
8EL737059-001	111603	8EL737284-001	111625	8EL737472-001	111264	8EL737630-001	112068
8EL737060-001	111602	8EL737285-001	112121	8EL737473-001	111779	8EL737631-001	112069
8EL737061-001	113793	8EL737295-001	111689	8EL737475-001	111756	8EL737633-001	112076
8EL737062-001	112860	8EL737296-001	111688	8EL737481-001	111780	8EL737634-001	112072
8EL737063-001	111518	8EL737297-001	111582	8EL737482-001	111781	8EL737635-001	112077
8EL737064-001	111601	8EL737298-001	113942	8EL737483-001	111782	8EL737638-001	112079
8EL737065-001	111381	8EL737299-001	112343	8EL737492-001	111772	8EL737639-001	112058
8EL737068-001	111405	8EL737301-001	111515	8EL737493-001	111775	8EL737641-001	112078
8EL737069-001	111406	8EL737304-001	111627	8EL737495-001	111536	8EL737642-001	112059
8EL737070-001	110681	8EL737305-001	112710	8EL737496-001	111776	8EL737643-001	113754
8EL737071-001	111051	8EL737307-001	111362	8EL737499-001	112193	8EL737644-001	112079
8EL737072-001	112086	8EL737309-001	111899	8EL737500-001	111997	8EL737646-001	112073
8EL737074-001	111598	8EL737310-001	111898	8EL737507-001	111740	8EL737646-001	113603
8EL737077-001	111266	8EL737311-001	111633	8EL737509-001	111932	8EL737647-001	112097
8EL737078-001	110643	8EL737321-001	111518	8EL737513-001	111934	8EL737648-001	112094
8EL737079-001	110238	8EL737323-001	111872	8EL737516-001	111978	8EL737648-001	113405
8EL737080-001	110937	8EL737324-001	111806	8EL737518-001	111987	8EL737649-001	112100
8EL737142-001	113832	8EL737325-001	112528	8EL737519-001	111959	8EL737649-001	113575
8EL737143-001	113077	8EL737327-001	111704	8EL737520-001	112021	8EL737650-001	112102
8EL737144-001	111597	8EL737328-001	111594	8EL737523-001	111960	8EL737651-001	112098
8EL737156-001	112532	8EL737339-001	112129	8EL737524-001	111950	8EL737652-001	112101
8EL737159-001	111478	8EL737343-001	113914	8EL737525-001	111381	8EL737653-001	112095
8EL737160-001	113867	8EL737349-001	111813	8EL737529-001	111795	8EL737658-001	110622
8EL737161-001	113758	8EL737350-001	111814	8EL737531-001	111961	8EL737661-001	112189
8EL737162-001	112709	8EL737354-001	112081	8EL737533-001	111952	8EL737662-001	110497
8EL737163-001	113885	8EL737355-001	111807	8EL737534-001	111966	8EL737664-001	110968
8EL737165-001	111596	8EL737359-001	112540	8EL737535-001	111988	8EL737665-001	110969
8EL737166-001	111375	8EL737360-001	111860	8EL737538-001	111967	8EL737666-001	110970
8EL737167-001	111595	8EL737363-001	111859	8EL737539-001	111937	8EL737667-001	110971
8EL737169-001	112331	8EL737364-001	111833	8EL737544-001	110770	8EL737668-001	110972
8EL737172-001	111587	8EL737365-001	111842	8EL737546-001	111811	8EL737671-001	110975
8EL737173-001	111468	8EL737367-001	111858	8EL737547-001	111958	8EL737673-001	110977
8EL737174-001	111812	8EL737368-001	111820	8EL737548-001	111980	8EL737675-001	112205
8EL737176-001	111480	8EL737369-001	111857	8EL737549-001	112022	8EL737678-001	112144
8EL737177-001	111482	8EL737370-001	111815	8EL737551-001	113684	8EL737679-001	112190
8EL737178-001	111388	8EL737371-001	112098	8EL737553-001	111953	8EL737684-001	112191
8EL737192-001	113833	8EL737374-001	112054	8EL737554-001	111989	8EL737685-001	112720
8EL737193-001	111891	8EL737375-001	112128	8EL737555-001	112718	8EL737687-001	112206
8EL737195-001	111886	8EL737377-001	112712	8EL737556-001	111929	8EL737688-001	113952
8EL737196-001	111887	8EL737378-001	112538	8EL737558-001	111963	8EL737689-001	112142
8EL737197-001	111788	8EL737379-001	111675	8EL737561-001	113894	8EL737690-001	112193
8EL737198-001	111318	8EL737380-001	113868	8EL737562-001	111716	8EL737691-001	112194
8EL737199-001	111318	8EL737381-001	113770	8EL737563-001	111940	8EL737694-001	112207
8EL737200-001	113537	8EL737382-001	111353	8EL737564-001	110770	8EL737695-001	112195
8EL737201-001	111505	8EL737387-001	111678	8EL737565-001	111846	8EL737697-001	112208
8EL737202-001	111893	8EL737390-001	111714	8EL737566-001	111708	8EL737704-001	112196
8EL737204-001	111498	8EL737392-001	113080	8EL737568-001	111871	8EL737705-001	113197
8EL737206-001	113536	8EL737400-001	111826	8EL737569-001	111537	8EL737707-001	112197
8EL737207-001	111413	8EL737400-001	113869	8EL737570-001	111831	8EL737710-001	112198
8EL737209-001	113939	8EL737401-001	111825	8EL737572-001	111948	8EL737711-001	112143
8EL737210-001	113667	8EL737404-001	111824	8EL737573-001	111941	8EL737712-001	112199
8EL737211-001	112021	8EL737405-001	111802	8EL737577-001	111943	8EL737715-001	112202
8EL737212-001	111397	8EL737414-001	111384	8EL737580-001	111990	8EL737716-001	112203
8EL737213-001	111295	8EL737423-001	111828	8EL737581-001	111965	8EL737719-001	112209
8EL737214-001	111296	8EL737426-001	113034	8EL737590-001	111944	8EL737720-001	112210
8EL737216-001	111689	8EL737428-001	113441	8EL737591-001	111842	8EL737752-001	113383
8EL737217-001	111888	8EL737430-001	111353	8EL737592-001	111955	8EL737941-001	113439
8EL737218-001	111843	8EL737432-001	111820	8EL737593-001	112002	8EL738087-001	113316
8EL737219-001	111568	8EL737434-001	111878	8EL737595-001	111890	8EL738211-151	113722
8EL737221-001	111507	8EL737436-001	111820	8EL737596-001	111956	8EL738211-201	113951
8EL737222-001	111376	8EL737437-001	111884	8EL737597-001	111956	8EL738211-221	113948
8EL737223-001	111395	8EL737438-001	113577	8EL737598-001	111846	8EL738211-291	113792
8EL737224-001	110959	8EL737439-001	111883	8EL737600-001	111946	8EL738211-331	113849

**STARTERS & ALTERNATORS**





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HITACHI</b> <i>Continued</i>							
LR150-434	111267	LR155-410	110699	LR160-729C	113643	LR170-420	111186
LR150-434B	111267	LR155-410B	110699	LR160-730	113555	LR170-420B	111186
LR150-435	110701	LR155-410BA	110699	LR160-730C	113555	LR170-421	111692
LR150-435S	110701	LR155-410F	110699	LR160-731	113366	LR170-421B	111692
LR150-435T	110701	LR155-410G	110699	LR160-734	112673	LR170-422	111467
LR150-438	111291	LR155-414	110699	LR160-734B	112673	LR170-422B	111467
LR150-438B	111267	LR155-414F	110699	LR160-735B	112671	LR170-427	111186
LR150-439	111291	LR155-414G	110699	LR160-74	110307	LR170-427B	111186
LR150-439B	111291	LR155-418	111291	LR160-743	114209	LR170-427BA	111186
LR150-441	111267	LR155-418B	111291	LR160-77	110307	LR170-427C	111186
LR150-441B	111267	LR155-419	111291	LR160-78	110307	LR170-502	111294
LR150-441C	111267	LR155-419B	111291	LR160-78B	110307	LR170-502B	111294
LR150-441E	111267	LR160-105	110307	LR160-82	110458	LR170-502C	111294
LR150-442	111267	LR160-109C	110307	LR160-82B	110458	LR170-502P	111294
LR150-443S	110700	LR160-116	110307	LR160-84	110458	LR170-502Q	111294
LR150-443T	110700	LR160-120	110307	LR160-84B	110458	LR170-504	111294
LR150-444	111267	LR160-121	110307	LR165-707	110632	LR170-504B	111294
LR150-444B	111267	LR160-124	110307	LR165-707B	110632	LR170-504C	111294
LR150-448	111267	LR160-12B	110260	LR165-708	110631	LR170-505	111515
LR150-449	111267	LR160-137	110267	LR165-708B	110631	LR170-505B	111515
LR150-449B	111267	LR160-138	110267	LR165-708C	110631	LR170-505C	111515
LR150-449C	111267	LR160-151	112968	LR165-708E	110631	LR170-505E	111515
LR150-450B	110699	LR160-151R	112968	LR165-709	111308	LR170-509	112272
LR150-453	111267	LR160-164	110702	LR165-709B	111308	LR170-509C	112272
LR150-453B	111267	LR160-401	110457	LR165-711	111704	LR170-509E	112272
LR150-50	110168	LR160-401C	110457	LR165-711B	111704	LR170-509F	112272
LR150-52	110168	LR160-412	110706	LR165-714	113697	LR170-509G	112272
LR150-53	110168	LR160-412B	110706	LR170-401	113412	LR170-509H	112272
LR150-55	110697	LR160-412F	110706	LR170-404	111692	LR170-511	111515
LR150-55B	110697	LR160-412G	110706	LR170-404B	111692	LR170-511A	111515
LR150-58	110168	LR160-421	111777	LR170-404C	111692	LR170-511B	111515
LR150-64	110703	LR160-421B	111777	LR170-404E	111692	LR170-701	112970
LR150-66	110168	LR160-421C	111777	LR170-405	111236	LR170-701B	112970
LR150-67	110168	LR160-421E	111777	LR170-406	112092	LR170-701E	112970
LR150-702	112973	LR160-421F	111777	LR170-406B	112092	LR170-702	112208
LR150-703	112973	LR160-422B	110707	LR170-406C	112092	LR170-702B	112208
LR150-704	112973	LR160-426	111316	LR170-406E	112092	LR170-714	111433
LR150-704H	112973	LR160-426E	111316	LR170-406F	112092	LR170-715	110630
LR150-711	112973	LR160-426S	111316	LR170-407	112093	LR170-715B	110630
LR150-78	111267	LR160-426T	111316	LR170-407B	112093	LR170-716	110630
LR150-78B	111267	LR160-427	111316	LR170-407E	112093	LR170-716B	110630
LR150-78C	111267	LR160-427C	111316	LR170-407S	112093	LR170-717	111433
LR150-78E	111267	LR160-427S	111316	LR170-407T	112093	LR170-732	111611
LR150-79	110702	LR160-427T	111316	LR170-408	112093	LR170-732B	111611
LR150-79B	110702	LR160-436	111316	LR170-408B	112093	LR170-732C	111611
LR150-79C	110702	LR160-436S	111316	LR170-408C	112093	LR170-734	111266
LR150-79E	110702	LR160-436T	111316	LR170-408S	112093	LR170-734B	111266
LR150-79F	110702	LR160-437	111316	LR170-408T	112093	LR170-738	110631
LR150-79H	110702	LR160-437S	111316	LR170-410	113412	LR170-738B	110631
LR150-79S	110702	LR160-437T	111316	LR170-411	111187	LR170-738C	110631
LR150-94B	112967	LR160-44	110458	LR170-411A	111187	LR170-738E	110631
LR150-98	110168	LR160-440	110706	LR170-411B	111187	LR170-739	111266
LR150-98B	110168	LR160-440F	110706	LR170-411C	111187	LR170-739B	111266
LR150-98E	110168	LR160-440G	110706	LR170-411D	111187	LR170-740	112206
LR150-99	110168	LR160-441	110706	LR170-411E	111187	LR170-740B	112206
LR150-99B	110168	LR160-441F	110706	LR170-411F	111187	LR170-741	113784
LR155-15	110267	LR160-446	112228	LR170-411P	111187	LR170-742	113423
LR155-15B	110267	LR160-446B	112228	LR170-412	112093	LR170-744	113411
LR155-15C	110267	LR160-446C	112228	LR170-412S	112093	LR170-746	111704
LR155-16	110706	LR160-446E	112228	LR170-412T	112093	LR170-746B	111704
LR155-16B	110702	LR160-450	110706	LR170-413	112093	LR170-746C	111704
LR155-16P	110702	LR160-715	110693	LR170-414	112092	LR170-746E	111704
LR155-17	110267	LR160-718	112974	LR170-414B	112092	LR170-746F	111704
LR155-18	110267	LR160-718H	112974	LR170-414C	112092	LR170-746G	111704
LR155-20	113793	LR160-723	112972	LR170-414E	112092	LR170-746H	111704
LR155-20B	113793	LR160-723B	112972	LR170-415	111235	LR170-746J	111704
LR155-23	110703	LR160-724	111958	LR170-415B	111235	LR170-746K	111704
LR155-25	110267	LR160-725	112978	LR170-415C	111235	LR170-746M	111704
LR155-29	113793	LR160-725B	112978	LR170-417	111294	LR170-748	111704
LR155-404	110699	LR160-726	112977	LR170-417B	111294	LR170-748B	111704
LR155-406B	110699	LR160-726B	112977	LR170-417C	111294	LR170-750	111704
LR155-407	110699	LR160-727	113197	LR170-417D	111294	LR170-750B	111704
LR155-407B	110699	LR160-727B	113197	LR170-417E	111294	LR170-750C	111704
LR155-407C	110699	LR160-727C	113197	LR170-417F	111294	LR170-755	113556
LR155-407CA	110699	LR160-728	113383	LR170-418	113413	LR170-756	112351
LR155-407F	110699	LR160-728B	113383	LR170-418B	113413	LR170-756B	112351
LR155-407G	110699	LR160-728C	113383	LR170-418C	113413	LR170-757	113197
LR155-408	110702	LR160-728E	113383	LR170-419	111467	LR170-757B	113197
LR155-409	110699	LR160-728F	113383	LR170-419B	111467	LR170-758	111384

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LR170-760	112673	LR190-729	113374	LT135-24	110128	S114-116	110485
LR170-766	113197	LR190-729B	113374	LT135-26	110128	S114-120	112008
LR170-766B	113197	LR190-734	112351	LT135-30	110128	S114-121	110277
LR170-767B	112673	LR190-734B	112351	LT135-35	110128	S114-121N	110277
LR170-768	113697	LR190-734C	112351	LT135-35A	110128	S114-122	110277
LR180-03	112375	LR190-734E	112351	LT135-35B	110128	S114-126M	110308
LR180-03A	112375	LR190-734G	112351	LT135-35C	110128	S114-134	112296
LR180-03B	112375	LR190-734H	112351	LT135-36	110128	S114-139	110308
LR180-03C	112375	LR190-737	113375	LT135-36C	110128	S114-140	110145
LR180-501	111767	LR190-737B	113375	LT135-54	110128	S114-141	110145
LR180-501B	111767	LR190-737BR	113375	LT135-69	110128	S114-149	110145
LR180-501C	111767	LR190-737E	113375	LT135-83B	113410	S114-150	110156
LR180-502	113415	LR190-737F	113375	LT140-126	110129	S114-150L	110156
LR180-502B	113415	LR190-743	113563	LT145-42	110131	S114-151	110156
LR180-503B	113822	LR190-744	113367	LT150-03	110129	S114-151L	110156
LR180-503C	113822	LR190-747	113439	LT150-04	110131	S114-156	110142
LR180-504	111767	LR190-750	113698	LT150-05	110129	S114-160	110142
LR180-508	114427	LR190-750B	113698	LT150-05B	110129	S114-160A	110142
LR180-508B	114427	LR190-752	113787	LT150-10	110129	S114-160B	110142
LR180-511B	114373	LR190-752B	113787	LT150-10B	110129	S114-160D	110142
LR180-512T	114428	LR220-23	110448	LT150-12	110129	S114-160E	110142
LR180-715	112969	LR220-24	110448	LT150-122	110131	S114-160F	110142
LR180-719	111264	LR220-26	113416	LT150-123	110131	S114-160G	110142
LR180-724	112971	LR225-403	110567	LT150-123B	110131	S114-160H	110142
LR180-725	111264	LR225-408	111493	LT150-125	110131	S114-162A	110332
LR180-725B	111264	LR225-408B	111493	LT150-129	110129	S114-162D	110332
LR180-725C	111264	LR225-408C	111493	LT150-13	110131	S114-163	110142
LR180-725E	111264	LR225-408E	111493	LT150-130	110129	S114-163B	110142
LR180-729	112975	LR225-409	111493	LT150-13B	110129	S114-163E	110142
LR180-734	113421	LR225-409E	111493	LT150-16	110129	S114-163F	110142
LR180-734B	113421	LR225-415B	114368	LT150-17	110129	S114-164	110156
LR180-734C	113421	LR225-60	110567	LT150-18	110131	S114-164A	110156
LR180-735	111955	LR225-65	110567	LT150-188	110131	S114-170	110144
LR180-735B	111955	LR225-65B	110567	LT150-19	110131	S114-170B	110144
LR180-736	111264	LR225-65C	110567	LT150-19	110131	S114-170E	110144
LR180-736B	111264	LR225-65E	110567	LT150-22	110131	S114-172A	110277
LR180-736C	111264	LR225-65P	110567	LT150-22B	110131	S114-172D	110277
LR180-737B	111264	LR225-67	110567	LT150-23	110129	S114-172D	110277
LR180-737C	111264	LR225-67B	110567	LT150-23B	110129	S114-172E	110277
LR180-741	111726	LR225-67P	110567	LT150-24	110129	S114-173	110277
LR180-741B	111726	LR225-84	113418	LT150-24B	110129	S114-173B	110277
LR180-741C	111726	LR225-84T	113418	LT150-25	110131	S114-173E	110277
LR180-741H	111726	LR225-88	112477	LT150-26	110131	S114-173F	110277
LR180-742	113583	LR235-402	111614	LT150-26B	110131	S114-174	110144
LR180-744	113426	LR235-403T	114370	LT150-45	110129	S114-180	110308
LR180-749	113788	LR235-404	111614	LT150-46	110129	S114-180B	110308
LR180-749B	113788	LR235-404C	111614	LT150-47	110129	S114-180E	110308
LR180-749C	113788	LR235-404S	111614	LT150-48	110131	S114-180F	110308
LR180-749E	113788	LR235-404T	111614	LT150-49	110129	S114-180G	110308
LR180-751	113371	LR235-405	111614	LT150-59	110129	S114-180M	110308
LR180-756	113427	LR235-405S	111614	LT150-68	110129	S114-181	110308
LR180-756B	113427	LR235-405T	111614	LT160-23	110129	S114-182	110308
LR180-762	113317	LR240-401	114426	LT160-23B	110129	S114-182B	110308
LR180-762B	113317	LR240-405	114366	S108-101	113494	S114-182E	110308
LR180-762C	113317	LR250-508	114014	S108-112	112008	S114-182F	110308
LR180-763	114262	LR250-508B	114014	S108-116	111840	S114-182G	110308
LR180-766	112067	LR250-508C	114014	S108-120	112008	S114-184	110617
LR180-768	113317	LR250-510	113190	S108-41	111836	S114-192	110477
LR185-701	112979	LR250-510C	113190	S108-61	111840	S114-194	112296
LR185-701B	112979	LR260-504B	114014	S108-61A	111840	S114-202	110477
LR185-701C	112979	LT125-06	110128	S108-61B	111840	S114-202A	110477
LR185-701E	112979	LT125-06B	110128	S108-61C	111840	S114-203	113680
LR185-701H	112979	LT125-65	110128	S108-61D	111840	S114-208	110142
LR185-702	112979	LT130-72	110128	S108-61E	111840	S114-210	110145
LR185-702C	112979	LT130-72B	110128	S108-61F	111840	S114-211	110145
LR190-505C	112658	LT130-81	110128	S108-61G	111840	S114-213	112659
LR190-505E	112658	LT133-03	110128	S108-61G	111840	S114-213A	112659
LR190-505F	112658	LT133-04	110128	S108-63	110145	S114-213A	112659
LR190-512	113309	LT133-05	110128	S108-89	110145	S114-221	114261
LR190-512B	113309	LT133-05B	110128	S108-94	112008	S114-221E	114261
LR190-512C	113309	LT135-13	110128	S108-94A	112008	S114-221F	114261
LR190-704	111265	LT135-13B	110128	S114-103	110144	S114-221G	114261
LR190-704B	111265	LT135-16	110128	S114-103K	110144	S114-221H	114261
LR190-709	111265	LT135-19	110128	S114-103L	110144	S114-221J	114261
LR190-709B	111265	LT135-19B	110128	S114-103M	110144	S114-227	110145
LR190-711	111265	LT135-19C	110128	S114-103N	110144	S114-229	110277
LR190-711F	111265	LT135-19E	110128	S114-103P	110144	S114-229E	110277
LR190-711G	111265	LT135-20	110128	S114-105	110575	S114-229F	110277
LR190-724	113583	LT135-22	110128	S114-108	110144	S114-230	112674
				S114-108L	110144	S114-230A	112674
				S114-108M	110144	S114-231B	110417

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HITACHI</b> <i>Continued</i>							
S114-232	110160	S114-419A	111182	S114-568	110279	S114-808	111690
S114-232A	110160	S114-424	111182	S114-569	111312	S114-808A	111690
S114-235	110417	S114-424A	111182	S114-570	111303	S114-808B	111690
S114-235A	110417	S114-426	110277	S114-570A	111303	S114-815	113408
S114-235B	110417	S114-427	110308	S114-570B	111303	S114-815A	113408
S114-237	110160	S114-429	111276	S114-570C	111303	S114-816	112373
S114-23K	110617	S114-429A	111276	S114-576	113505	S114-816A	112373
S114-240	110308	S114-430	112983	S114-606	110249	S114-817	113408
S114-244	110485	S114-430A	112983	S114-606A	110249	S114-817A	113408
S114-245	110145	S114-430B	112983	S114-606C	110249	S114-827	111549
S114-247	110477	S114-432A	112216	S114-613	113661	S114-829	112320
S114-247A	110477	S114-439	112983	S114-613A	113661	S114-829A	112320
S114-247B	110477	S114-439A	112983	S114-614	110249	S114-829B	112320
S114-247C	110477	S114-443	112373	S114-617	111312	S114-829C	112320
S114-252	111634	S114-443A	112373	S114-617A	111312	S114-829D	112320
S114-252A	111634	S114-450	110485	S114-625	110417	S114-839	111452
S114-252C	111634	S114-452	112216	S114-630	111312	S114-850	111534
S114-252E	111634	S114-452A	112216	S114-651	112478	S114-850A	111534
S114-252F	111634	S114-456	112216	S114-651A	112478	S114-850B	111534
S114-253	110280	S114-456A	112216	S114-653	112373	S114-850C	111534
S114-253A	110280	S114-460	112216	S114-653A	112373	S114-850D	111534
S114-253B	110280	S114-460A	112216	S114-653B	112373	S114-850E	111534
S114-254	110280	S114-460B	112216	S114-655	112291	S114-869	112320
S114-254A	110280	S114-461	111023	S114-655A	112291	S114-87	110142
S114-254B	110280	S114-461A	111023	S114-655D	112291	S114-875	114308
S114-254C	110280	S114-461B	111023	S114-656	113680	S114-87K	110142
S114-254D	110280	S114-464	112216	S114-656A	113680	S114-87M	110142
S114-254E	110280	S114-464A	112216	S114-662	112659	S114-883	114281
S114-254F	110280	S114-464B	112216	S114-70	110332	S114-890	111534
S114-258	110280	S114-471	111731	S114-700A	111473	S114-890A	111534
S114-258A	110280	S114-471A	111731	S114-700B	111473	S114-903	112382
S114-258C	110280	S114-472	111731	S114-701	111473	S114-903A	112382
S114-268	110280	S114-472A	111731	S114-701A	111473	S114-905	113962
S114-268A	110280	S114-473	111136	S114-701B	111473	S114-906	113962
S114-269	110145	S114-480	111136	S114-701BR	111473	S114-907	113276
S114-270	110477	S114-480A	111136	S114-701C	111473	S114-907A	113276
S114-271	110477	S114-480B	111136	S114-705	111549	S114-91	110155
S114-290	110718	S114-481	111274	S114-705A	111549	S114-91K	110155
S114-290A	110718	S114-481A	111274	S114-705B	111549	S114-92	110332
S114-290B	110718	S114-482	111586	S114-705C	111549	S114-925	112320
S114-295	110308	S114-501	111010	S114-705D	111549	S114-925A	112320
S114-295A	110308	S114-501A	111010	S114-705E	111549	S114-938	113962
S114-295B	110308	S114-503	111762	S114-72	110332	S114-943	113962
S114-297	110824	S114-503A	111762	S114-750	111459	S114-943A	113962
S114-301	110308	S114-505	111452	S114-753	112986	S114-948	113962
S114-303	111706	S114-505A	111452	S114-753A	112986	S114-949	112382
S114-303A	111706	S114-516	111762	S114-753B	112986	S114-97	110142
S114-305	110145	S114-516A	111762	S114-753C	112986	S12-19	110386
S114-315	110279	S114-519A	111488	S114-754	112844	S12-19C	110386
S114-316	110279	S114-520	111459	S114-754A	112844	S12-19K	110386
S114-317	111441	S114-520A	111459	S114-755	113614	S12-19KA	110386
S114-317A	111441	S114-520B	111459	S114-756	113614	S12-19KB	110386
S114-317B	111441	S114-523	111608	S114-757	113614	S12-38	110719
S114-318	111441	S114-525A	111488	S114-758	111303	S12-41	110355
S114-318A	111441	S114-526	111566	S114-762	111549	S12-41A	110355
S114-319	110278	S114-526A	111566	S114-762A	111549	S12-47	113408
S114-320	110278	S114-526B	111566	S114-762B	111549	S12-48	110573
S114-320A	110278	S114-527	112985	S114-766	111459	S12-58	110573
S114-323	111766	S114-527A	112985	S114-766A	111459	S12-59	110355
S114-323A	111766	S114-527B	112985	S114-767	111459	S12-63	110386
S114-323B	111766	S114-528	111763	S114-769	111312	S12-63A	110386
S114-323C	111766	S114-528A	111763	S114-769A	111312	S12-63B	110386
S114-344	110280	S114-530	111459	S114-775	111303	S12-63C	110386
S114-348	110277	S114-533	111459	S114-775A	111303	S12-68	110386
S114-348A	110277	S114-534	111459	S114-780	111452	S12-68A	110386
S114-362	111560	S114-535	111312	S114-800	111459	S12-68B	110386
S114-362A	111560	S114-55	110142	S114-800A	111459	S12-68C	110386
S114-363	110145	S114-550	110807	S114-800B	111459	S12-68D	110386
S114-364	110279	S114-550A	110807	S114-801	111382	S12-73	110565
S114-381	110552	S114-553	111059	S114-801A	111382	S12-84	110443
S114-385	111098	S114-553A	111059	S114-801B	111382	S12-85	110439
S114-389A	110310	S114-554	111058	S114-801C	111382	S12-87	110439
S114-390A	110310	S114-554A	111058	S114-801D	111382	S12-89	110820
S114-396	110249	S114-556	111182	S114-802A	111459	S12-92	110719
S114-396D	110249	S114-556A	111182	S114-804	111473	S13-06A	110412
S114-402	110279	S114-557	111182	S114-804A	111473	S13-101	111445
S114-414	112478	S114-557A	111182	S114-805	111473	S13-102	111445
S114-414A	112478	S114-558	111473	S114-805A	111473	S13-104	110719
S114-418	111182	S114-566	110249	S114-806A	111803	S13-105	110575
S114-419	111182						

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S13-105A	110575	S13-527A	114032	S25-163B	113675	31100-PD6-004	111429
S13-106	110574	S13-527B	114032	S25-163C	113675	31100-PD6-014	111429
S13-106A	110574	S13-531	111506	S25-163E	113675	31100-PDA-E01	112073
S13-106B	110574	S13-555	112083	S25-164	110616	31100-PE0-003	110927
S13-106C	110574	S13-555A	112083	S25-164A	110616	31100-PE0-004	110927
S13-106E	110574	S13-555B	112083	S25-177B	114378	31100-PE0-013	110927
S13-107	111805	S13-556	114032	S25-212	110723	31100-PE0-014	110927
S13-107A	111805	S13-557	114032	S25-302	113210	31100-PE0-020	110927
S13-111	110412	S13-61	110462	S25-303	113210	31100-PE0-023	110927
S13-112	111559	S13-61A	110462	S25-303A	113210	31100-PE0-024	110927
S13-112A	111559	S13-63	110719	S25-505A	113675	31100-PE0-034	110927
S13-114	111559	S13-64	110717	S25-505C	113675	31100-PE0-044	110927
S13-114A	111559	S13-66	111448	S25-505E	113675	31100-PE0-921	110675
S13-114B	111559	S13-66A	111448	S25-505G	113675	31100-PE0-924	110927
S13-120A	110573	S13-73	110565	S25-64	110616	31100-PE1-661	110675
S13-120B	110573	S13-73B	110565	S25-64B	110616	31100-PE1-662	110675
S13-122	112365	S13-74	110565	S25-64E	110616	31100-PE1-663	110675
S13-126	112365	S13-75	110573	S25-64F	110616	31100-PEC-J71	113035
S13-127	111805	S13-78	112374	S25-75	110616	31100-PEJ-004	113035
S13-127A	111805	S13-82	110573	S25-75A	110616	31100-PEL-E01	113523
S13-127C	111805	S13-82A	110573	ST14-100E	113733	31100-PEM-G01	113523
S13-131	111506	S13-82B	110573			31100-PG7-J01	113073
S13-132	112374	S13-89	110820	<b>HONDA</b>		31100-PG7-J02	113073
S13-136	111683	S13-89A	110820	06312-P8A-5050	113392	31100-PH1-004	111577
S13-138	112672	S13-89B	110820	06314-P5M-305RM	112214	31100-PH1-014	111577
S13-138A	112672	S13-89C	110820	31100-657-024	110138	31100-PH1-024	111577
S13-160	114098	S13-89D	110820	31100-MCA-003	114116	31100-PH1-0242	111577
S13-204	112676	S13-91	111120	31100-MCA-700	114116	31100-PH1-034	110677
S13-207	112371	S13-91A	111120	31100-P04-G01	111285	31100-PH2-J010M	111577
S13-207A	112371	S13-92	110719	31100-P04-G03	111285	31100-PH3-013	110676
S13-207C	112371	S13-92A	110719	31100-P04-G034	111285	31100-PH3-0243	110676
S13-210B	111559	S13-94	112374	31100-P04-G05	111285	31100-PH7-004	110680
S13-210C	111559	S13-94A	112374	31100-P05-C04	111285	31100-PH7-0040	110680
S13-211	110820	S14-03	112083	31100-P08-003	111285	31100-PH7-014	110680
S13-212	110574	S14-100D	113733	31100-P08-004	111285	31100-PH7-024	110680
S13-213	110574	S14-100E	113733	31100-P08-013	111285	31100-PH7-040	110680
S13-27	110412	S14-101	113733	31100-P08-014	111285	31100-PJ0-306	111429
S13-27A	110412	S14-203	111559	31100-P08-014	111285	31100-PJ0-661	111429
S13-28	110412	S14-205	110574	31100-P0B-A01	113075	31100-PJ0-662	111429
S13-289	110820	S14-205A	110574	31100-P0G-A02	113558	31100-PJ0-663	111429
S13-289A	110820	S14-210	111559	31100-P0G-A03	113558	31100-PK1-001	111432
S13-294	112374	S14-210A	111559	31100-P13-013	114583	31100-PK1-004	111432
S13-302	111445	S14-210A	111559	31100-P1K-E03	111993	31100-PK1-014	111432
S13-302A	111445	S210-100	114422	31100-P1K-E05	111993	31100-PK1-0147	111432
S13-302B	111445	S24-01	113210	31100-P1R-A02	114584	31100-PK2-003	111609
S13-305	110575	S24-01B	113210	31100-P2E-A01	113035	31100-PK2-0031	111609
S13-305A	110575	S24-01C	113210	31100-P2E-A02	113035	31100-PK2-004	111609
S13-307A	110574	S24-01D	113210	31100-P2E-G01	112349	31100-PK2-0040	111609
S13-322	112365	S24-03A	110723	31100-P2E-G02	112349	31100-PK2-014	111432
S13-326	112365	S24-03B	110723	31100-P2J-004	112349	31100-PK2-0146	111609
S13-327	110574	S24-03C	110723	31100-P2T-003	113645	31100-PK3-A0100	111609
S13-327A	112365	S24-07	111247	31100-P30-023	113162	31100-PK3-A0110	111609
S13-327A	112365	S24-13	110723	31100-P30-033	113166	31100-PK3-A020	111609
S13-331	111506	S25-100	110580	31100-P3F-013	113628	31100-PLM-A01	113954
S13-33A	110412	S25-103	110580	31100-P3F-A01	113628	31100-PLM-A02	113954
S13-33B	110412	S25-110	110616	31100-P3F-J01	113628	31100-PLZ-D00	112271
S13-34	110719	S25-110A	110616	31100-P3F-J51	113628	31100-PM5-A01	111578
S13-34A	110719	S25-110C	110616	31100-P45-G04	112209	31100-PM5-A010	111578
S13-36	110386	S25-110F	110616	31100-P5A-003	113433	31100-PM5-A02	111578
S13-38A	110386	S25-110G	110616	31100-P5M-G01	113522	31100-PM5-A07	111578
S13-38B	110386	S25-110K	110616	31100-P5N-G01	113522	31100-PM5-A070	111578
S13-40	110719	S25-110L	110616	31100-P72-003	113080	31100-PM5-X03	111578
S13-407A	114213	S25-110M	110616	31100-P72-0032	113080	31100-PM8-A01	111578
S13-407A	114253	S25-120	110723	31100-P72-013	113094	31100-PM8-A010	111578
S13-40A	110719	S25-120A	110723	31100-P75-003	113080	31100-PM8-A02	111578
S13-40B	110719	S25-121	111247	31100-P75-A01	113094	31100-PM8-A03	111578
S13-41	112374	S25-121A	111247	31100-P7A-G01	112349	31100-PP8-014	110680
S13-41A	112374	S25-125A	113210	31100-P7F-00331	113523	31100-PR3-0030	113074
S13-41B	112374	S25-125B	113210	31100-P8A-A01	113159	31100-PR4-A01	113074
S13-41C	112374	S25-131	110467	31100-P8A-A02	113159	31100-PR4-A02	113074
S13-41D	112374	S25-131A	110467	31100-P8C-A02	113159	31100-PR4-C01	113162
S13-45	110719	S25-155C	110467	31100-P8C-A02	114594	31100-PR5-0030	111285
S13-45A	110719	S25-155D	110467	31100-P8F-A02	114594	31100-PR7-A02	113496
S13-45B	110719	S25-156	111558	31100-P8Z-A01	113159	31100-PR7-A03	113496
S13-50	110717	S25-158	113191	31100-PD2-004	110677	31100-PR-A020	113074
S13-502	111445	S25-158A	113191	31100-PD2-005	110677	31100-PV1-A01	113088
S13-502A	111445	S25-158B	113191	31100-PD2-014	110677	31100-PV1-A02	113088
S13-50A	110717	S25-160	113191	31100-PD2-024	110677	31100-PW1-G01	111578
S13-514	112083	S25-162	110616	31100-PD2-970	110677	31100-PY3-003	113495
S13-527	114032	S25-163	113675	31100-PD2-973	110677		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HONDA Continued</b>							
31100-PY3-013	113495	31200-P2T-J01	113394	31200-PK2-006	113022	CHA84	111578
31100-PAA-A01	113571	31200-P30-005	113025	31200-PK2-306	111543	CHK88	111609
31100-RJH-004	113954	31200-P30-902	113026	31200-PK2-307	113022	CIK46	110680
31100-RTA-003	114272	31200-P3F-A51	114226	31200-PK2-953	111543	CIK4-6	110680
31100-RTA-023	114272	31200-P3F-J01	113629	31200-PK2-955	111543	CJK09	110677
31100-RAA-A01	114272	31200-P44-G01	112214	31200-PK2-S02	111543	CJK22	111429
31100-RAA-A040	114272	31200-P44-G51	113024	31200-PLR-A01	113704	CJK35	111429
31100-RAA-A05	114272	31200-P45-G01	112214	31200-PLR-A02	113704	CJK36	111577
31100-ZA1-0030	112246	31200-P45-G11	112214	31200-PLZ-D00	112320	CJK46	110680
31200-371-005	113538	31200-P45-G51	111442	31200-PM1-005	110312	CJK87	111432
31200-371-505	113538	31200-P45-S01	112214	31200-PM2-J01	111442	CJK88	111609
31200-463-008	113538	31200-P54-003	113118	31200-PM3-003	110312	CJN33	111577
31200-463-405	113538	31200-P5A-A01	114613	31200-PM3-0032	110312	CJN40	113074
31200-634-005	110145	31200-P5G-003	113175	31200-PM3-004	110312	CJN41	113074
31200-634-670	110145	31200-P5K-004	112213	31200-PM3-005	111442	CJN42	111285
31200-634-671	110145	31200-P5M-004	112214	31200-PM3-101	110312	CJN61	111432
31200-634-810	110145	31200-P5M-014	112214	31200-PM3-J02	111442	CJN84	111432
31200-634-811	110145	31200-P5M-901	113409	31200-PM3-J021	111442	CJN85	111609
31200-657-005	110145	31200-P5M-902	113393	31200-PM5-L02	110249	CJN89	111609
31200-657-006	110145	31200-P5T-G00	113928	31200-PM7-005	111442	CJP56	113088
31200-657-015	110145	31200-P73-A01	113118	31200-PM7-306	111442	CJP61	113166
31200-657-016	110145	31200-P75-901	113113	31200-PO1-005	110312	CJP62	113074
31200-657-025	110145	31200-P8A-A01	113392	31200-PO3-901	113023	CJP75	114583
31200-671-005	110145	31200-P9M-E00	113361	31200-PO3-904	113023	CJP92	113162
31200-673-005	110145	31200-PA0-005	110145	31200-PR4-0030	113104	CJQ20	111285
31200-673-015	110145	31200-PA0-006	110145	31200-PR4-A01	113096	CJQ21	111285
31200-676-601	111458	31200-PA0-016	110145	31200-PR7-J01	114654	CJS42	113080
31200-679-004	110145	31200-PB1-934	110145	31200-PT0-003	112214	CJS44	113080
31200-679-0053	110145	31200-PB1-935	110145	31200-PT0-0031	112214	CJS46	113080
31200-679-0441	110145	31200-PC2-661	111458	31200-PT0-005	112214	CJS51	113075
31200-679-814	110145	31200-PC2-662	111458	31200-PT0-015	112214	CJS70	113166
31200-689-006	111458	31200-PC5-024	111458	31200-PT0-900	113024	CJU31	113094
31200-689-016	111458	31200-PC6-6615	111458	31200-PT0-903	113024	CJU33	113094
31200-689-661	111458	31200-PC6-662	111458	31200-PT0-904	113024	CJU75	113522
31200-HA0-0682	111922	31200-PC6-663	111458	31200-PT0-905	113024	CJU77	113522
31200-HA0-682	111920	31200-PC6-664	111458	31200-PT0-906	113024	CJU81	113628
31200-HA6-682	111920	31200-PCA-003	112214	31200-PT1-P03	112214	CJU86	114584
31200-HA7-315	111924	31200-PCX-A01	113630	31200-PT1-T03	112214	CJU97	113628
31200-HA7-773	111923	31200-PD2-661	111458	31200-PT1-T04	112214	CJV07	113522
31200-HC4-023	111921	31200-PD2-6612	111458	31200-PY3-004	113042	CJV26	113628
31200-HE0-003	111925	31200-PDA-E020	112476	31200-PY3-024	113042	CJV78	113523
31200-HM3-671	111926	31200-PDA-E03	112476	31200-PY3-A01	113042	CJX27	113523
31200-HM8-003	111927	31200-PDA-E030	112476	31200-PAA-A01	112213	CKZ29	110248
31200-MEE-003	114103	31200-PDA-E53	112217	31200-PAA-A02	113398	CLB16	113496
31200-MEE-D00	114103	31200-PDA-S010	112476	31200-RNA-A50	114137	CLB18	113495
31200-OLM-A51	113617	31200-PE0-003	110249	31200-RNA-A51	114137	CLB54	113433
31200-P01-003	110312	31200-PE0-013	110249	31200-RAA-A51	113821	CLG46	114594
31200-P01-005	111442	31200-PE0-015	110249	31200-RAA-A61	113821	CLO21	111285
31200-P01-902	113508	31200-PE0-461	110312	31200-ZE8-8010	112246	CSC29	114272
31200-P03-005	111442	31200-PE0-661	110312	31200-ZH9-003	113723	CSD73	114272
31200-P03-901	113023	31200-PE0-662	110312	31200-ZJ1-004	113594	DB5B6	113231
31200-P03-902	113508	31200-PE0-663	110312	31200-ZJ1-841	113732	DFLEA	110249
31200-P03-904	113023	31200-PE0-664	110312	31200-ZJ4-003	113594	DR4R6	110312
31200-P06-L03	110249	31200-PE0-665	110312	31210-ZE3-013	113231	DR4U2	112214
31200-P0A-0031	112213	31200-PE0-901	110249	AHGA03	111578	DR4U3	113024
31200-P0A-0032	112213	31200-PE0-902	110249	AHGA17	111285	DRD18	111458
31200-P0A-004	113398	31200-PE1-670	111442	AHGA18	111285	DRDFE	110312
31200-P0A-A01	113396	31200-PE1-671	111442	AHGA19	111285	DRK1E	111442
31200-P0A-A04	113398	31200-PE1-672	111442	AHGA21	113558	DRLF0	110312
31200-P0G-A01	113396	31200-PE1-673	111442	AHGA24	113035	DRP1K	113096
31200-P12-005	112214	31200-PE1-674	111442	AHGA25	112349	DS4H1	114226
31200-P13-005	112214	31200-PEO-661	110312	AHGA26	112349	DS4HX	113630
31200-P13-903	113024	31200-PG6-004	110312	AHGA35	113035	DSDEC	113629
31200-P13-904	113024	31200-PG6-034	110312	AHGA38	112349	DX4R4	111442
31200-P13-905	113024	31200-PG6-663	110312	AHGA44	113035	DX4RE	113023
31200-P1J-E01	112217	31200-PG6-673	110312	AHGA45	112349	DX51D	114654
31200-P1J-E010	112217	31200-PG6-911	111442	AHGA50	113954	DXDR6	113118
31200-P1J-E03	112217	31200-PG6-912M	111442	AHGA51	113954	DXDRJ	113118
31200-P1J-S010	112217	31200-PG6-914	111442	AHGA52	114116	DXK14	112213
31200-P1K-E01	111442	31200-PG6-915	111442	AHGA64	113954	MHG001	113042
31200-P28-G02	110312	31200-PG6-916	111442	CHA07	110675	MHG005	113042
31200-P29-902	110312	31200-PGA-E30M5	112476	CHA08	110927	MHG006	114613
31200-P29-903	110312	31200-PGK-A01	113648	CHA19	110927	P2T1S	113394
31200-P2A-004	110312	31200-PH3-006	111543	CHA22	110675	PEO014	110927
31200-P2A-014	110312	31200-PH3-951	111543	CHA33	110927	PEO034	110927
31200-P2C-004	113399	31200-PH3-953	111543	CHA50	111578		
31200-P2C-901	110312	31200-PH4-S12	111543	CHA51	111578		
31200-P2E-A51	113400	31200-PH7-006	111546	CHA57	111578		
31200-P2M-A61	113390	31200-PH7-661	111546	CHA60	113073		

## STARTERS &amp; ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HYUNDAI → KIA</b>		10.130.142	111217	11.130.398	110584	11.130.692	110545
<b>HYSTER</b>		10.130.143	111217	11.130.399	110368	11.130.695	111885
284074	113172	10.130.172	111100	11.130.403	110529	11.130.697	110522
302821	110325	10.130.207	111217	11.130.404	113483	11.130.704	111752
323812	111683	11.103.234	110866	11.130.407	110524	11.130.705	112135
335867	113172	11.130.002	110608	11.130.408	110439	11.130.706	111332
1347064	113132	11.130.003	112651	11.130.409	110640	11.130.711	110439
1383240	113172	11.130.005	110601	11.130.410	110529	11.130.716	113443
1388721	113985	11.130.007	111100	11.130.411	110565	11.130.722	111060
1469604	113679	11.130.010	110524	11.130.412	110525	11.130.723	112286
1486530	112897	11.130.026	110536	11.130.414	110545	11.130.728	111982
2135890	113172	11.130.029	111068	11.130.417	112304	11.130.729	113466
3001010	111190	11.130.030	112651	11.130.418	110587	11.130.730	113468
3001023	113172	11.130.034	110856	11.130.419	110565	11.130.732	111304
3004017	110626	11.130.041	110206	11.130.421	111422	11.130.736	112173
3004585	111190	11.130.074	110439	11.130.483	111131	11.130.743	110527
3025527	113668	11.130.075	110523	11.130.484	110536	11.130.748	113532
3042323	110616	11.130.076	110565	11.130.487	110365	11.130.762	111755
3048566	110411	11.130.083	110530	11.130.490	110518	11.130.763	111422
3049509	110325	11.130.115	110512	11.130.491	110523	11.130.766	112132
3122813	113132	11.130.116	110537	11.130.492	110521	11.130.769	110461
3136101	113172	11.130.117	110536	11.130.500	110814	11.130.772	111069
8504304	113172	11.130.121	110520	11.130.505	110351	11.130.773	111694
<b>INTERNATIONAL HARV.</b>		11.130.123	110814	11.130.509	110565	11.130.775	111749
104452A2R	113725	11.130.124	110518	11.130.510	113381	11.130.776	112133
1243060H91	110801	11.130.126	110537	11.130.519	110338	11.130.777	110160
146487C91	111713	11.130.127	110640	11.130.520	110819	11.130.782	111398
1651386C91	112255	11.130.134	110856	11.130.521	110530	11.130.783	113346
1677974C91	112993	11.130.140	110529	11.130.526	110615	11.130.787	111029
1677974C92	112993	11.130.141	110523	11.130.529	110584	11.130.790	110585
1680859C91	112993	11.130.142	111217	11.130.531	112249	11.130.793	111755
1680859C92	112993	11.130.146	110517	11.130.532	111693	11.130.795	110464
1754386C91	112255	11.130.151	113464	11.130.533	111755	11.130.797	113007
1987559C1	113725	11.130.162	110367	11.130.534	111755	11.130.809	110807
3055414R92	111752	11.130.170	110520	11.130.537	111640	11.130.811	111047
3055557R92	111752	11.130.172	110523	11.130.544	111055	11.130.819	111755
3138942R91	110641	11.130.179	110545	11.130.551	110536	11.130.820	113532
3218239EX	110641	11.130.193	110367	11.130.552	110536	11.130.821	110551
3218239R91	110641	11.130.194	110439	11.130.556	110584	11.130.836	113570
3218544R91	112098	11.130.198	110640	11.130.558	110839	11.130.841	112071
3218577EX	111662	11.130.199	110529	11.130.565	112041	11.130.842	112494
3218577R91	111662	11.130.200	110565	11.130.567	112555	11.130.845	112131
3218677R91	111752	11.130.201	110530	11.130.569	111755	11.130.854	111748
3218884EX	110766	11.130.203	110813	11.130.579	110462	11.130.860	111224
3218884R91	110766	11.130.208	110585	11.130.580	111055	11.130.862	110519
3228192R91	112135	11.130.216	110517	11.130.582	110585	11.130.872	110565
3228193R91	111752	11.130.217	110367	11.130.586	110365	11.130.881	113482
423103C91	112260	11.130.218	111068	11.130.590	111064	11.130.885	110368
424430C91	112260	11.130.219	110365	11.130.593	110351	11.130.886	110368
524023C91	110591	11.130.225	110521	11.130.595	113484	11.130.889	111752
586986C91	112989	11.130.229	110525	11.130.596	113465	11.130.895	112135
590071C91	112260	11.130.230	110524	11.130.598	113466	11.130.896	112136
672901C91	111261	11.130.233	110587	11.130.612	112039	11.130.897	110545
683594C91	110300	11.130.234	110367	11.130.618	113381	11.130.898	111001
82068EX	110537	11.130.244	111064	11.130.619	113467	11.130.910	111069
998504R91	112260	11.130.245	110793	11.130.620	112249	11.130.911	111694
A170746	113725	11.130.250	112173	11.130.624	110462	11.130.912	112133
A181873	111888	11.130.253	110530	11.130.626	113468	11.130.923	113982
A187623	111843	11.130.254	111001	11.130.627	112074	11.130.944	113466
E41565	110523	11.130.266	111055	11.130.629	110565	11.130.956	111251
M41595	110766	11.130.300	110368	11.130.630	110818	11.130.957	113481
R941520	112747	11.130.320	110449	11.130.632	110819	11.130.963	111131
V941501	110536	11.130.321	110338	11.130.642	111070	11.130.964	110338
<b>ISEKI</b>		11.130.322	110529	11.130.646	112295	11.130.965	110584
6281-100-010-1E	111683	11.130.328	110584	11.130.647	110867	11.130.966	111055
6281-100-010-2F	111683	11.130.338	110587	11.130.651	110847	11.130.967	110365
6281-100-010-2H	111683	11.130.339	110524	11.130.661	111025	11.130.968	111025
6581-200-338	112270	11.130.346	110585	11.130.662	113007	11.130.969	111123
6581-200-349	112270	11.130.352	111056	11.130.663	111224	11.130.972	110818
<b>ISKRA</b>		11.130.362	110367	11.130.664	111885	11.130.979	112496
184452	111231	11.130.364	110520	11.130.665	112267	11.130.993	112670
10.130.121	110601	11.130.366	110522	11.130.669	111332	11.130.996	112379
10.130.123	110512	11.130.373	110565	11.130.670	111332	11.130.997	113430
10.130.141	110439	11.130.375	110793	11.130.672	112651	11.130.999	114050
		11.130.376	110545	11.130.673	113464	11.131.002	112171
		11.130.378	110866	11.130.676	113356	11.131.010	111848
		11.130.386	110565	11.130.679	113454	11.131.016	111771
		11.130.392	111228	11.130.685	113431	11.131.038	112660
		11.130.395	111068	11.130.687	111638	11.131.042	112391

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA Continued</b>							
11.131.052	112545	11.139.020	110213	11.201.083	110357	11.201.437	111094
11.131.054	111909	11.139.022	112119	11.201.085	111035	11.201.438	110919
11.131.055	111900	11.139.025	110981	11.201.087	110113	11.201.439	110919
11.131.056	113387	11.139.028	110205	11.201.093	111035	11.201.440	111811
11.131.057	112286	11.139.029	110980	11.201.094	112298	11.201.444	112098
11.131.063	113478	11.139.030	111231	11.201.095	110970	11.201.446	111083
11.131.070	110615	11.139.032	110210	11.201.096	110641	11.201.448	110357
11.131.085	113468	11.139.033	111217	11.201.097	111141	11.201.453	110105
11.131.088	111641	11.139.034	110601	11.201.102	111141	11.201.457	110890
11.131.100	112390	11.139.035	110512	11.201.112	110890	11.201.463	111686
11.131.108	113478	11.139.036	110537	11.201.115	111662	11.201.468	112097
11.131.109	111855	11.139.037	110537	11.201.122	111288	11.201.469	111171
11.131.116	113901	11.139.038	110449	11.201.131	111083	11.201.470	110968
11.131.117	113429	11.139.052	110512	11.201.132	111083	11.201.476	111163
11.131.136	113459	11.139.077	111218	11.201.133	110357	11.201.479	113470
11.131.137	112005	11.139.098	111217	11.201.145	110902	11.201.481	111176
11.131.143	111640	11.139.107	112116	11.201.146	112310	11.201.485	114077
11.131.144	113468	11.139.108	111217	11.201.151	110113	11.201.493	112162
11.131.157	112034	11.139.140	110409	11.201.155	110358	11.201.496	111085
11.131.162	110819	11.139.156	110511	11.201.167	111035	11.201.498	112191
11.131.164	112496	11.139.163	112581	11.201.186	110766	11.201.499	112098
11.131.167	113532	11.139.164	111910	11.201.198	111082	11.201.500	111662
11.131.177	111640	11.139.165	112581	11.201.201	110113	11.201.502	111662
11.131.178	112306	11.139.305	111065	11.201.203	111085	11.201.503	111740
11.131.186	113690	11.139.327	112307	11.201.204	111035	11.201.504	111740
11.131.221	113478	11.139.331	112251	11.201.205	111148	11.201.507	111662
11.131.223	113181	11.139.333	113134	11.201.207	111035	11.201.509	111799
11.131.232	114460	11.139.334	112320	11.201.209	112056	11.201.510	111799
11.131.233	113480	11.139.401	112320	11.201.210	111287	11.201.511	110881
11.131.236	113468	11.139.402	111130	11.201.211	111287	11.201.512	110881
11.131.267	112534	11.139.403	111251	11.201.214	113376	11.201.514	111686
11.131.274	113007	11.139.404	110584	11.201.215	110880	11.201.519	111833
11.131.285	111398	11.139.409	111690	11.201.219	112098	11.201.522	110895
11.131.292	114264	11.139.410	112251	11.201.220	110913	11.201.523	111321
11.131.297	113674	11.139.411	112290	11.201.222	111652	11.201.525	110113
11.131.300	113429	11.139.413	111461	11.201.226	110881	11.201.526	111652
11.131.318	113532	11.139.415	111748	11.201.230	112310	11.201.528	111086
11.131.352	114002	11.139.418	111059	11.201.242	110890	11.201.529	111287
11.131.374	111755	11.139.421	113605	11.201.244	110902	11.201.531	111289
11.131.410	114387	11.139.422	113481	11.201.245	111288	11.201.532	112744
11.131.426	113901	11.139.423	112474	11.201.255	111075	11.201.534	112299
11.131.476	112436	11.139.424	112821	11.201.257	111154	11.201.535	111172
11.131.477	112053	11.139.433	111685	11.201.272	110178	11.201.536	113500
11.131.542	113570	11.139.435	111851	11.201.276	113574	11.201.543	111652
11.131.603	110813	11.139.439	111904	11.201.292	112183	11.201.544	110971
11.131.604	113182	11.139.441	113389	11.201.293	110348	11.201.545	112149
11.131.605	114388	11.139.443	113451	11.201.294	110350	11.201.554	111325
11.131.606	114387	11.139.447	112553	11.201.297	111800	11.201.555	111419
11.131.622	111123	11.139.448	113281	11.201.299	111168	11.201.557	110766
11.131.635	110442	11.139.449	112218	11.201.301	111289	11.201.559	112788
11.131.697	114264	11.139.452	110813	11.201.304	112768	11.201.566	111289
11.131.705	112074	11.139.453	110521	11.201.305	111364	11.201.568	111403
11.131.727	113570	11.139.454	110518	11.201.306	110890	11.201.570	112736
11.131.728	113901	11.139.455	110522	11.201.307	110358	11.201.571	112768
11.131.754	112071	11.139.456	113381	11.201.309	113376	11.201.572	111289
11.131.761	114388	11.139.459	112821	11.201.324	111654	11.201.573	111289
11.131.764	110584	11.139.506	110206	11.201.327	111686	11.201.574	110766
11.131.769	112071	11.201.017	111035	11.201.328	111686	11.201.576	111738
11.131.770	112494	11.201.021	110743	11.201.329	111686	11.201.577	111738
11.131.780	114387	11.201.023	111083	11.201.331	110913	11.201.578	111355
11.131.781	114388	11.201.027	110641	11.201.332	112112	11.201.579	111289
11.131.793	114388	11.201.032	110766	11.201.334	111654	11.201.580	112056
11.131.829	111001	11.201.037	111180	11.201.336	110882	11.201.581	110891
11.131.846	112498	11.201.042	111083	11.201.355	111687	11.201.582	111148
11.131.848	114264	11.201.047	110113	11.201.357	111686	11.201.583	111166
11.131.863	114220	11.201.050	110906	11.201.358	111036	11.201.584	112056
11.131.903	113276	11.201.052	110766	11.201.360	110113	11.201.585	111418
11.131.928	111015	11.201.055	112097	11.201.370	110754	11.201.586	113470
11.131.942	114388	11.201.060	111841	11.201.372	110641	11.201.587	111356
11.131.946	114387	11.201.062	113469	11.201.379	112149	11.201.590	112162
11.131.947	114388	11.201.066	110766	11.201.385	110348	11.201.592	110105
11.131.948	113181	11.201.067	110178	11.201.390	110971	11.201.595	111888
11.131.964	114387	11.201.068	111289	11.201.396	113474	11.201.601	110360
11.131.989	114388	11.201.069	110766	11.201.399	111362	11.201.603	111652
11.132.035	114387	11.201.070	110882	11.201.401	112149	11.201.604	110357
11.132.036	114388	11.201.071	112768	11.201.405	111035	11.201.605	111652
11.139.008	110537	11.201.075	112097	11.201.406	111148	11.201.610	111652
11.139.012	110212	11.201.077	111083	11.201.415	111362	11.201.611	111287
11.139.013	110535	11.201.078	110357	11.201.432	111035	11.201.613	111652

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.201.617	110913	11.201.992	112325	11.203.388	114049	11.212.108	112311
11.201.624	111841	11.201.993	111293	11.203.389	114192	11.212.147	112138
11.201.632	110358	11.203.001	111842	11.203.390	114289	11.212.148	112140
11.201.633	110358	11.203.004	111369	11.203.396	113738	11.212.169	112487
11.201.635	110761	11.203.005	112529	11.203.398	113768	11.212.177	112140
11.201.664	111082	11.203.006	111903	11.203.404	113470	11.212.192	112138
11.201.666	112556	11.203.007	113442	11.203.415	112098	11.212.212	113666
11.201.667	112389	11.203.008	113486	11.203.433	112698	11.212.306	110345
11.201.675	112556	11.203.010	112532	11.203.458	113503	11.212.416	111092
11.201.676	111289	11.203.011	112708	11.203.468	113771	11.212.417	111091
11.201.679	112754	11.203.012	111675	11.203.470	112460	11.212.450	112575
11.201.685	111141	11.203.016	112556	11.203.573	111631	11.212.516	112576
11.201.693	111948	11.203.024	111354	11.203.631	113771	11.212.609	112573
11.201.695	113471	11.203.030	111890	11.203.632	113772	11.212.610	113666
11.201.696	111654	11.203.042	112718	11.203.656	112046	11.212.611	112524
11.201.697	113472	11.203.051	113949	11.203.660	111843	11.212.619	112318
11.201.698	113473	11.203.054	113485	11.203.708	113603	11.212.622	112317
11.201.701	111620	11.203.057	111318	11.203.709	113575	11.212.957	111092
11.201.705	110895	11.203.060	114289	11.203.819	113837	11.214.057	111466
11.201.706	111364	11.203.062	113768	11.203.870	113999	11.216.117	112573
11.201.707	110770	11.203.065	113949	11.203.871	112460	11.216.133	112527
11.201.709	113920	11.203.075	113341	11.203.921	113510	11.216.257	113666
11.201.710	111528	11.203.076	111878	11.203.923	112457	11.216.273	112574
11.201.711	113533	11.203.078	111884	11.203.940	112458	AAG0402	111180
11.201.713	111093	11.203.079	111899	11.203.943	113248	AAG0403	111035
11.201.716	111364	11.203.080	111820	11.203.950	112471	AAG0702	110743
11.201.723	110127	11.203.085	111842	11.203.998	110127	AAG1104	111180
11.201.728	110770	11.203.087	113529	11.204.006	113640	AAG1111	110178
11.201.729	111368	11.203.088	113529	11.204.021	110175	AAG1130	111180
11.201.732	111093	11.203.092	111175	11.204.022	113245	AAG1301	110641
11.201.735	111036	11.203.094	112298	11.204.052	113470	AAG1307	113469
11.201.744	111354	11.203.097	111355	11.204.054	112046	AAG1310	110970
11.201.746	113477	11.203.098	112556	11.204.159	113999	AAG1311	110641
11.201.749	111170	11.203.099	113610	11.204.163	112460	AAG1314	111662
11.201.754	112299	11.203.106	112183	11.204.187	114192	AAG1315	110641
11.201.757	111833	11.203.110	112194	11.204.396	111843	AAG1328	110641
11.201.759	112170	11.203.111	112273	11.204.424	113707	AAG1338	111662
11.201.764	111364	11.203.113	112539	11.204.502	114379	AAG1340	111662
11.201.765	111325	11.203.114	112530	11.209.001	111369	AAG1341	111662
11.201.768	113789	11.203.115	111883	11.209.002	111477	AAG1343	111649
11.201.769	112230	11.203.116	111902	11.209.003	111186	AAK1102	111083
11.201.783	111180	11.203.119	112196	11.209.004	112165	AAK1105	110360
11.201.784	111649	11.203.124	113999	11.209.006	112151	AAK1107	110906
11.201.789	110163	11.203.129	112679	11.209.011	111514	AAK1109	110766
11.201.801	111834	11.203.139	111833	11.209.012	111732	AAK1110	112097
11.201.807	110043	11.203.155	113738	11.209.017	111797	AAK1111	111841
11.201.810	111355	11.203.165	111353	11.209.020	111426	AAK1113	110766
11.201.811	111368	11.203.167	112529	11.209.402	111186	AAK1114	111289
11.201.824	111176	11.203.183	111511	11.209.407	111426	AAK1115	110766
11.201.832	112112	11.203.186	112529	11.209.410	111797	AAK1117	112768
11.201.868	111629	11.203.204	112062	11.209.416	112803	AAK1118	111083
11.201.875	111843	11.203.205	112021	11.209.417	112159	AAK1119	110357
11.201.889	111352	11.203.215	111631	11.209.420	111886	AAK1122	110357
11.201.890	111176	11.203.223	112043	11.209.421	112561	AAK1123	111035
11.201.895	111833	11.203.227	112679	11.209.422	113448	AAK1125	110113
11.201.898	111477	11.203.229	111859	11.209.424	112271	AAK1128	111078
11.201.902	112343	11.203.231	113488	11.209.429	112654	AAK1129	110920
11.201.903	112747	11.203.232	112343	11.209.431	111795	AAK1130	111141
11.201.906	113487	11.203.237	112424	11.209.433	113667	AAK1131	113376
11.201.913	113474	11.203.239	111842	11.209.434	111834	AAK1133	110968
11.201.926	111800	11.203.240	111833	11.209.435	112757	AAK1134	110761
11.201.927	111168	11.203.241	111833	11.209.436	112345	AAK1135	110890
11.201.928	113376	11.203.242	111842	11.209.438	111987	AAK1139	110360
11.201.929	110105	11.203.248	111850	11.209.439	112720	AAK1140	111288
11.201.931	112056	11.203.268	111843	11.209.440	112197	AAK1143	111083
11.201.932	111166	11.203.275	111746	11.209.441	112416	AAK1144	111083
11.201.933	112056	11.203.288	112002	11.209.442	112561	AAK1145	110357
11.201.934	113632	11.203.290	112535	11.209.443	110882	AAK1146	110730
11.201.935	111888	11.203.301	112098	11.209.445	112076	AAK1150	110902
11.201.937	111528	11.203.310	112075	11.209.446	112453	AAK1151	112310
11.201.938	110127	11.203.312	112079	11.209.447	110117	AAK1152	110358
11.201.939	113477	11.203.313	111989	11.209.448	112302	AAK1153	110113
11.201.941	112170	11.203.314	112274	11.209.454	112427	AAK1157	110358
11.201.951	114289	11.203.316	113341	11.212.001	111466	AAK1163	111035
11.201.963	112688	11.203.331	112046	11.212.066	110429	AAK1165	110880
11.201.976	114049	11.203.332	113531	11.212.067	110434	AAK1167	110766
11.201.989	111215	11.203.333	111978	11.212.087	112524	AAK1170	111082
11.201.990	111479	11.203.337	112480	11.212.106	112572	AAK1171	111035
11.201.991	112046	11.203.363	113999	11.212.107	112573	AAK1172	111035

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA</b> <i>Continued</i>							
AAK1173	111148	AAK3504	110357	AAK4503	110971	AAK5329	113485
AAK1175	111035	AAK3505	111652	AAK4504	112149	AAK5332	111318
AAK1177	112056	AAK3509	111652	AAK4506	111325	AAK5335	113768
AAK1178	111287	AAK3510	111287	AAK4507	111419	AAK5346	113341
AAK1179	111287	AAK3512	111652	AAK4509	110766	AAK5347	111878
AAK1181	113376	AAK3514	110913	AAK4513	111289	AAK5349	111884
AAK1182	112098	AAK3515	111841	AAK4515	111403	AAK5350	111899
AAK1183	110913	AAK3520	110358	AAK4518	112768	AAK5351	111820
AAK1185	111652	AAK3525	110358	AAK4519	111289	AAK5354	113529
AAK1189	110881	AAK3528	111076	AAK4520	111289	AAK5355	113529
AAK1193	112310	AAK3529	111035	AAK4521	111738	AAK5358	111175
AAK1198	110902	AAK3530	111148	AAK4522	111738	AAK5360	112298
AAK1199	111288	AAK3538	111035	AAK4523	111355	AAK5363	112556
AAK1204	110766	AAK3542	111094	AAK4524	111289	AAK5364	113610
AAK1205	110113	AAK3543	110919	AAK4525	112056	AAK5376	113738
AAK1209	112097	AAK3544	110919	AAK4526	110891	AAK5380	111353
AAK1213	110113	AAK3547	112098	AAK4527	111148	AAK5382	112529
AAK1228	111686	AAK3548	110358	AAK4528	111166	AAK5389	111511
AAK1229	110113	AAK3553	111083	AAK4529	112056	AAK5391	112529
AAK1301	111141	AAK3555	110357	AAK4530	111418	AAK5396	112021
AAK1309	110113	AAK3557	110761	AAK4531	113470	AAK5501	111369
AAK1312	112046	AAK3558	111175	AAK4532	111356	AAK5502	111477
AAK1324	113474	AAK3560	110890	AAK4535	112162	AAK5503	112165
AAK1325	111362	AAK3564	112097	AAK4542	112754	AAK5505	112151
AAK1329	111362	AAK3565	111171	AAK4544	111082	AAK5510	111514
AAK1330	110105	AAK3568	111163	AAK4549	111141	AAK5512	111797
AAK1333	110968	AAK3572	112162	AAK4554	111948	AAK5513	111426
AAK1337	113470	AAK3573	111085	AAK4556	113471	AAK5517	111631
AAK1339	111176	AAK3577	111799	AAK4557	111654	AAK5518	112043
AAK1343	111740	AAK3579	110881	AAK4558	113472	AAK5521	112679
AAK1344	111740	AAK3583	111321	AAK4559	113473	AAK5535	111426
AAK1347	110895	AAK3585	111652	AAK4562	111620	AAK5541	112075
AAK1352	110766	AAK3587	111086	AAK4564	111176	AAK5542	112273
AAK1358	111289	AAK3588	111287	AAK4567	111364	AAK5543	112079
AAK1362	110105	AAK3590	111289	AAK4568	110770	AAK5544	111989
AAK1363	111888	AAK3591	112744	AAK4569	113533	AAK5545	112274
AAK1367	110895	AAK3592	112788	AAK4571	111093	AAK5547	113340
AAK1368	113920	AAK3594	111172	AAK4574	110770	AAK5553	112480
AAK1369	111528	AAK3595	113500	AAK4575	111368	AAK5562	114049
AAK1370	112098	AAK3802	110127	AAK4578	111093	AAK5565	113738
AAK1375	110127	AAK3820	113470	AAK4580	111036	AAK5567	113768
AAK1378	112736	AAK3822	112046	AAK4582	111170	AAK5573	111797
AAK1383	113477	AAK4104	111075	AAK4585	111325	AAK5574	112271
AAK1387	112170	AAK4106	111154	AAK4588	113789	AAK5580	112698
AAK1388	111364	AAK4116	110178	AAK4591	110163	AAK5585	113503
AAK1398	111834	AAK4118	113574	AAK4598	111355	AAK5597	112654
AAK1811	112046	AAK4127	110348	AAK4599	111368	AAK5710	111795
AAK1815	111843	AAK4128	110350	AAK4831	111843	AAK5717	111631
AAK1854	110117	AAK4131	111800	AAK4858	111661	AAK5721	113667
AAK2301	112183	AAK4133	111168	AAK5102	111811	AAK5722	112720
AAK2303	114077	AAK4135	111289	AAK5105	112191	AAK5723	112416
AAK2306	112183	AAK4138	112768	AAK5108	112299	AAK5773	112457
AAK3117	110043	AAK4139	111364	AAK5114	112556	AAK5778	112458
AAK3122	111176	AAK4140	110890	AAK5115	112389	AAK5779	113248
AAK3125	113487	AAK4141	110358	AAK5118	112556	AAK5782	112471
AAK3128	111800	AAK4143	113376	AAK5127	111354	AAK5788	113245
AAK3129	111168	AAK4150	111654	AAK5131	112299	AAN0112	113448
AAK3130	113376	AAK4154	111686	AAK5136	112230	AAN3107	112803
AAK3132	112056	AAK4155	111686	AAK5165	111843	AAN3108	112159
AAK3133	111166	AAK4157	110913	AAK5169	111352	AAN3110	111886
AAK3134	112056	AAK4158	111620	AAK5171	111477	AAN3111	112561
AAK3142	111186	AAK4160	111654	AAK5186	112688	AAN3112	113448
AAK3161	111186	AAK4162	110882	AAK5193	114049	AAN3114	111834
AAK3197	110882	AAK4174	111687	AAK5197	111215	AAN3115	112757
AAK3301	112112	AAK4176	111686	AAK5198	111479	AAN3116	112345
AAK3318	112747	AAK4177	111036	AAK5301	112325	AAN3118	111987
AAK3320	113474	AAK4179	110113	AAK5302	111293	AAN3119	112561
AAK3328	110105	AAK4183	110754	AAK5305	111369	AAN3120	112076
AAK3329	113632	AAK4189	111076	AAK5306	112529	AAN3121	112453
AAK3330	111888	AAK4192	110971	AAK5307	111903	AAN5115	111732
AAK3332	111528	AAK4199	112149	AAK5308	113442	AAN5120	113949
AAK3333	110127	AAK4307	111843	AAK5309	113486	AAN5122	113949
AAK3334	113477	AAK4313	112098	AAK5311	112532	AAN5127	112194
AAK3336	112170	AAK4320	112046	AAK5312	112708	AAN5130	112539
AAK3345	114289	AAK4321	113531	AAK5313	111675	AAN5131	112530
AAK3368	114289	AAK4342	114289	AAK5315	112556	AAN5132	111883
AAK3369	111355	AAK4348	113470	AAK5319	111354	AAN5133	111902
AAK3501	110360	AAK4351	112098	AAK5322	111890	AAN5136	112196
AAK3503	111652	AAK4502	111652	AAK5326	112718	AAN5138	113999

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AAN5139	112679	AZD3519	111748	AZE2578	111694	AZF4224	114264
AAN5156	112062	AZD3520	111059	AZE2579	112133	AZF4229	114320
AAN5166	111850	AZD3522	113605	AZE2606	113982	AZF4230	114220
AAN5171	111746	AZD3523	113481	AZE2617	112171	AZF4237	112498
AAN5178	112002	AZE0201	110338	AZE2623	111909	AZF4507	111982
AAN5179	112535	AZE0303	110856	AZE2624	111900	AZF4508	113466
AAN5318	113999	AZE0304	111068	AZE2625	113387	AZF4509	113468
AAN5346	114192	AZE0305	111100	AZE2626	112286	AZF4510	113532
AAN5502	113999	AZE1202	111422	AZE2634	112005	AZF4513	113570
AAN5511	114192	AZE1203	110585	AZE2636	112034	AZF4514	112071
AAN5533	112460	AZE1209	111251	AZE2640	112306	AZF4515	112494
AAN5572	112197	AZE1210	111131	AZE2642	113480	AZF4521	111755
AAN5742	113837	AZE1211	110338	AZE2665	111904	AZF4527	113466
AAN5771	113999	AZE1212	110584	AZE3506	110367	AZF4535	114050
AAN5772	112460	AZE1213	111055	AZE3512	110367	AZF4559	113532
AAN5792	113510	AZE1214	110365	AZE3513	111068	AZF4569	114387
AAN5795	112427	AZE1215	111025	AZE3514	110365	AZF4573	113007
AAN5840	113707	AZE1216	111123	AZE3517	110367	AZF4576	114264
AAN5869	114379	AZE1219	112391	AZE3521	111070	AZF4577	113429
AAN7101	113771	AZE1225	111641	AZE3559	111064	AZF4582	113532
AAN7111	113771	AZE1227	112390	AZE4101	112251	AZF4596	111755
AAN7112	113772	AZE1230	113690	AZE4102	112290	AZF4611	113429
AAN8119	113755	AZE1244	112218	AZE4112	112053	AZG4605	111771
AAT1302	111833	AZE1501	110338	AZE4140	113389	AZJ0402	110536
AAT1303	111629	AZE1502	110584	AZE4142	113451	AZJ0404	110439
AAT1306	111833	AZE1507	110584	AZE4150	114388	AZJ0405	110565
AAT1308	111833	AZE1508	113483	AZE4151	114387	AZJ0501	110524
AAT1310	112343	AZE1511	111422	AZE4170	114388	AZJ0602	112651
AAT1313	111842	AZE1515	111123	AZE4172	114387	AZJ3105	110565
AAT1318	111842	AZE1516	110365	AZE4173	114388	AZJ3107	110368
AAT1321	111833	AZE1520	110338	AZE4175	114388	AZJ3110	110529
AAT1327	111859	AZE1521	110584	AZE4197	114388	AZJ3113	110524
AAT1329	113488	AZE1522	111055	AZE4199	114387	AZJ3114	110439
AAT1330	112343	AZE1523	110584	AZE4201	114388	AZJ3115	110640
AAT1335	112424	AZE1526	111055	AZE4202	111855	AZJ3116	110529
AAT1337	111842	AZE1528	110365	AZE4207	114387	AZJ3117	110565
AAT1338	111833	AZE1531	111025	AZE4219	114387	AZJ3118	110525
AAT1339	111833	AZE1540	110807	AZE4220	114388	AZJ3119	110545
AAT1340	111842	AZE2101	113481	AZE4527	111065	AZJ3121	110565
AAT1385	112302	AZE2105	112496	AZE4534	113478	AZJ3124	111350
AAT3312	110175	AZE2110	112379	AZE4535	111855	AZJ3128	110536
AKK4322	111978	AZE2111	113430	AZE4540	113901	AZJ3131	110518
AME1593	112140	AZE2113	111848	AZE4562	112251	AZJ3132	110523
AME1609	112138	AZE2117	112545	AZE4564	113134	AZJ3133	110521
AME1610	112140	AZE2138	113459	AZE4566	113181	AZJ3137	110814
AME1706	112138	AZE2141	112496	AZE4597	113901	AZJ3144	110565
AMJ4603	112572	AZE2147	112307	AZE4603	113478	AZJ3145	113381
AMJ4761	112574	AZE2150	112320	AZE4620	113478	AZJ3148	110819
AMJ4762	112575	AZE2151	114460	AZE4635	111461	AZJ3149	110530
AMJ5110	112576	AZE2155	112534	AZE6513	112436	AZJ3151	110615
AMJ5175	112573	AZE2160	111398	AZE6514	112053	AZJ3155	112249
AMJ5176	113666	AZE2165	113674	AZE6531	110813	AZJ3156	111693
AMJ5177	112524	AZE2169	112320	AZE6554	113181	AZJ3157	111755
AMJ5272	111092	AZE2188	112474	AZF3509	110367	AZJ3158	111755
AMJ5511	113666	AZE2189	112821	AZF3512	110585	AZJ3160	111640
AMJ5591	111092	AZE2204	111685	AZF3515	110587	AZJ3169	110536
AMJ5592	111091	AZE2206	111851	AZF3517	111064	AZJ3170	110536
AMJ5632	110429	AZE2210	112553	AZF3518	110793	AZJ3177	112041
AMJ5633	110434	AZE2211	113281	AZF3524	111058	AZJ3179	112555
AMJ5651	112524	AZE2226	112821	AZF3528	110587	AZJ3181	111755
AMJ5667	112311	AZE2502	112304	AZF3531	110585	AZJ3182	110462
AMJ5690	112487	AZE2507	110839	AZF3534	111056	AZJ3186	113484
AMJ5705	112573	AZE2512	110351	AZF3542	110521	AZJ3187	113465
AMJ5707	112527	AZE2521	111070	AZF3543	110793	AZJ3188	113466
AMJ5730	113666	AZE2522	112295	AZF3545	110866	AZJ3192	112039
AMJ5991	111092	AZE2523	110867	AZF3547	111228	AZJ3195	113381
AMK3633	110345	AZE2525	110847	AZF3549	111068	AZJ3196	113467
AMT4630	113852	AZE2534	113443	AZF3551	110587	AZJ3197	112249
AZAF4569	114387	AZE2536	111060	AZF3555	110351	AZJ3198	110462
AZAJ3124	111350	AZE2537	112286	AZF3558	110585	AZJ3199	113468
AZB0101	110338	AZE2540	111069	AZF3559	111064	AZJ3201	112074
AZD2108	111123	AZE2541	111694	AZF3566	111398	AZJ3203	110565
AZD2126	113276	AZE2543	111749	AZF4155	113182	AZJ3204	110818
AZD2127	111015	AZE2544	112133	AZF4181	114264	AZJ3206	110819
AZD3508	111055	AZE2545	110160	AZF4190	113570	AZJ3214	113007
AZD3513	111130	AZE2548	111029	AZF4194	112071	AZJ3215	111224
AZD3514	111251	AZE2558	112131	AZF4197	112071	AZJ3216	111885
AZD3515	110584	AZE2563	111748	AZF4198	112494	AZJ3217	112267
AZD3517	111690	AZE2577	111069	AZF4220	111001	AZJ3218	111332

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA</b> <i>Continued</i>							
AZJ3219	111332	AZJ3557	111001	IA0145	110902	IA0348	111074
AZJ3221	112651	AZJ3567	110368	IA0145	111152	IA0351	110880
AZJ3222	113464	AZJ3582	110529	IA0145	111287	IA0355	111687
AZJ3223	113356	AZJ3589	110524	IA0186	110766	IA0358	111036
AZJ3226	113454	AZJ3591	111109	IA0201	110113	IA0358	111621
AZJ3229	113431	AZJ3593	110520	IA0211	111095	IA0360	110113
AZJ3231	111638	AZJ3594	110522	IA0211	111287	IA0370	110754
AZJ3234	110545	AZJ3598	110565	IA0215	110880	IA0390	110971
AZJ3236	111885	AZJ3599	110545	IA0215	110911	IA0401	112149
AZJ3237	110522	AZK5104	110512	IA0215	110975	IA0401	112735
AZJ3242	111752	AZK5105	110537	IA0220	110913	IA0404	111076
AZJ3243	112135	AZK5106	110537	IA0226	110881	IA0404	112162
AZJ3244	111332	AZK5111	110439	IA0230	110877	IA0405	110612
AZJ3248	110439	AZK5112	111217	IA0230	112310	IA0405	111035
AZJ3255	111304	AZK5113	110601	IA0242	110882	IA0405	111148
AZJ3258	112173	AZK5117	110601	IA0256	110916	IA0406	111148
AZJ3263	110527	AZK5119	110520	IA0256	111075	IA0415	111362
AZJ3274	111755	AZK5133	110449	IA0257	111152	IA0432	110991
AZJ3277	112132	AZK5168	110537	IA0257	111154	IA0437	111094
AZJ3279	110461	AZK5172	110212	IA0258	111036	IA0437	111539
AZJ3281	113346	AZK5173	110535	IA0276	113574	IA0437	112149
AZJ3283	111755	AZK5179	110213	IA0292	112183	IA0438	110919
AZJ3284	113532	AZK5181	112119	IA0293	110348	IA0439	110919
AZJ3285	110551	AZK5184	110981	IA0294	110350	IA0440	111811
AZJ3297	111224	AZK5187	110205	IA0297	110914	IA0445	110358
AZJ3299	110519	AZK5188	110980	IA0297	110972	IA0445	110730
AZJ3305	110565	AZK5189	111231	IA0297	111168	IA0445	112727
AZJ3310	113482	AZK5191	110210	IA0297	111800	IA0446	110913
AZJ3311	110368	AZK5192	111217	IA0299	110914	IA0446	111083
AZJ3312	110368	AZK5193	110601	IA0299	110972	IA0448	110357
AZJ3314	111752	AZK5194	110512	IA0299	111168	IA0448	110911
AZJ3317	112135	AZK5195	110537	IA0299	111800	IA0448	111652
AZJ3318	112136	AZK5196	110537	IA0301	110178	IA0449	111141
AZJ3319	110545	AZK5401	110206	IA0301	110612	IA0453	110105
AZJ3320	111001	AZK5412	110512	IA0301	110759	IA0453	111649
AZJ3324	110464	AZK5431	111218	IA0301	110770	IA0457	110890
AZJ3333	111047	AZK5449	111217	IA0301	110968	IA0468	112097
AZJ3347	110818	AZK5456	112116	IA0301	111185	IA0469	110744
AZJ3351	112670	AZK5457	111217	IA0301	111289	IA0469	111072
AZJ3364	112660	AZK5467	113850	IA0301	111362	IA0469	111144
AZJ3369	110615	AZK5487	110409	IA0301	112683	IA0469	111163
AZJ3374	113468	AZK5511	111217	IA0305	110179	IA0469	111171
AZJ3387	111640	AZK5539	110511	IA0305	110759	IA0470	111355
AZJ3388	113468	AZK5545	110206	IA0305	110969	IA0476	111163
AZJ3389	110819	IA0021	110743	IA0305	111086	IA0485	114077
AZJ3393	111640	IA0037	110899	IA0305	111289	IA0496	111085
AZJ3404	113468	IA0037	111035	IA0305	111364	IA0496	112753
AZJ3447	110442	IA0037	111180	IA0306	110890	IA0498	112191
AZJ3448	112581	IA0050	110906	IA0306	110912	IA0499	112098
AZJ3450	111910	IA0055	112097	IA0306	111138	IA0500	111662
AZJ3452	112581	IA0060	111841	IA0306	112719	IA0502	111662
AZJ3458	110813	IA0062	113469	IA0306	112768	IA0504	111740
AZJ3459	110521	IA0067	110178	IA0309	111166	IA0507	111662
AZJ3460	110518	IA0067	110759	IA0309	111187	IA0509	111799
AZJ3461	110522	IA0067	111841	IA0309	111656	IA0510	111799
AZJ3462	113381	IA0067	113378	IA0309	113376	IA0511	110881
AZJ3503	110530	IA0068	111289	IA0324	111654	IA0512	110881
AZJ3508	110536	IA0069	110766	IA0326	110912	IA0517	111629
AZJ3514	110814	IA0071	110882	IA0326	111620	IA0518	111629
AZJ3515	110518	IA0071	110890	IA0327	110882	IA0519	111629
AZJ3516	110640	IA0075	112097	IA0327	110890	IA0520	111842
AZJ3517	110529	IA0094	110754	IA0327	111418	IA0522	110895
AZJ3518	110523	IA0094	110920	IA0327	111686	IA0523	111321
AZJ3520	110517	IA0094	112298	IA0328	111686	IA0523	112758
AZJ3522	113464	IA0095	110970	IA0329	111620	IA0523	113839
AZJ3525	110545	IA0095	111948	IA0329	111686	IA0525	110113
AZJ3531	110439	IA0096	110641	IA0330	111686	IA0526	111652
AZJ3534	110640	IA0097	111141	IA0331	112719	IA0527	110358
AZJ3535	110529	IA0102	110751	IA0332	111620	IA0528	110179
AZJ3536	110565	IA0102	111141	IA0332	111654	IA0528	110969
AZJ3537	110530	IA0112	110611	IA0332	112112	IA0528	111086
AZJ3538	110813	IA0112	110890	IA0334	110912	IA0528	111184
AZJ3542	110517	IA0112	112719	IA0334	111654	IA0529	111287
AZJ3544	110439	IA0116	110641	IA0336	110882	IA0531	110968
AZJ3546	110521	IA0122	110913	IA0343	111620	IA0531	111185
AZJ3548	110525	IA0122	111288	IA0347	110611	IA0531	111289
AZJ3549	110524	IA0122	111801	IA0347	110970	IA0532	111322
AZJ3554	112173	IA0122	112149	IA0347	111078	IA0532	112744
AZJ3556	110530	IA0122	112763	IA0347	111687	IA0532	112751

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IA0535	110905	IA0611	110896	IA0832	112112	IA1147	111989
IA0535	111072	IA0611	111095	IA0868	111629	IA1148	112274
IA0535	111172	IA0611	111287	IA0873	111569	IA1150	111746
IA0536	110766	IA0612	111652	IA0875	111843	IA1153	111978
IA0536	113500	IA0613	110357	IA0889	111352	IA1158	112480
IA0536	113789	IA0613	110919	IA0890	111176	IA1163	112002
IA0543	110357	IA0613	110975	IA0895	111629	IA1169	113999
IA0543	111652	IA0613	111652	IA0895	111833	IA1191	111733
IA0545	111539	IA0613	111653	IA0898	111477	IA1203	113961
IA0554	111325	IA0617	110913	IA0902	112343	IA1204	112698
IA0555	111419	IA0617	111083	IA0903	112747	IA1222	113503
IA0559	112788	IA0624	110077	IA0906	113487	IA1223	113575
IA0566	110770	IA0624	110914	IA0913	113474	IA1224	113621
IA0566	111289	IA0624	110925	IA0925	113610	IA1228	113771
IA0566	111362	IA0624	111767	IA0963	112688	IA1244	112460
IA0568	111403	IA0624	111891	IA0970	114049	IA1246	113770
IA0568	113839	IA0632	110358	IA0989	111215	IA1253	111676
IA0569	110735	IA0633	110358	IA0990	111479	IA1254	112710
IA0569	112098	IA0633	112112	IA0992	112325	IA1260	113772
IA0570	112736	IA0634	110875	IA0993	111293	IA1269	111898
IA0571	110611	IA0635	110113	IA1001	111842	IA1307	113751
IA0571	110890	IA0635	110761	IA1004	111369	IA1330	114122
IA0571	110912	IA0635	110906	IA1005	112529	IA1339	112397
IA0571	111138	IA0635	113920	IA1006	111903	IA1340	113603
IA0571	112719	IA0664	110754	IA1007	111354	IA1341	112469
IA0571	112768	IA0664	110920	IA1008	112532	IA1348	111843
IA0572	111289	IA0664	111082	IA1009	112708	IA1412	113899
IA0573	111289	IA0664	112728	IA1010	111675	IA1414	113940
IA0574	110766	IA0666	112556	IA1012	111890	IA1416	112458
IA0576	111086	IA0667	112389	IA1013	113442	IA1418	112471
IA0576	111364	IA0675	112556	IA1018	112718	IA1430	113640
IA0577	111364	IA0676	111289	IA1019	110113	IA1434	113245
IA0578	111289	IA0679	110618	IA1019	113529	IA1435	113755
IA0578	113574	IA0679	110619	IA1020	113529	IA1436	113837
IA0579	111289	IA0679	112754	IA1021	112298	IA1437	113919
IA0579	112754	IA0694	111413	IA1022	114289	IA1439	113248
IA0580	111169	IA0694	111620	IA1036	113486	IA1545	114379
IA0580	111800	IA0695	111036	IA1038	111175	IA1547	113707
IA0580	112056	IA0695	113471	IA1040	113485	IA9003	111186
IA0581	110891	IA0696	110912	IA1041	111318	IA9005	111891
IA0582	111035	IA0696	111654	IA1043	111902	IA9014	111294
IA0582	111148	IA0696	112719	IA1045	111353	IA9015	111515
IA0582	112719	IA0697	113472	IA1052	112529	IA9017	111797
IA0583	110925	IA0698	113472	IA1057	112196	IA9018	111467
IA0583	111166	IA0698	113473	IA1057	112230	IA9020	111426
IA0584	111169	IA0699	111620	IA1058	113999	IA9026	112143
IA0584	111800	IA0700	111032	IA1061	113341	IA9027	112654
IA0584	112056	IA0701	111620	IA1062	111878	IA9028	111795
IA0585	110882	IA0705	110895	IA1064	111884	IA9405	112774
IA0585	111418	IA0706	111364	IA1065	111899	IA9411	111886
IA0585	113838	IA0707	110770	IA1066	111820	IA9412	112561
IA0586	113470	IA0709	113920	IA1078	110881	IA9413	113448
IA0587	111356	IA0710	111528	IA1081	112046	IA9414	110895
IA0587	111364	IA0710	111658	IA1085	112530	IA9418	112406
IA0590	111076	IA0710	113477	IA1090	111511	IA9419	111834
IA0590	112162	IA0711	113533	IA1091	112679	IA9420	112757
IA0590	113624	IA0713	110923	IA1092	111859	IA9423	111987
IA0591	111620	IA0713	111093	IA1094	113488	IA9424	112720
IA0591	111686	IA0713	113866	IA1095	112062	IA9425	112197
IA0592	110105	IA0723	110127	IA1096	112343	IA9426	112416
IA0592	113632	IA0728	110770	IA1101	112424	IA9429	112561
IA0595	111888	IA0729	111368	IA1103	111842	IA9430	110882
IA0601	110360	IA0730	110921	IA1104	111833	IA9432	112076
IA0601	111083	IA0731	110923	IA1105	111833	IA9433	112453
IA0603	110357	IA0731	111093	IA1106	111842	IA9438	110743
IA0603	111652	IA0731	111149	IA1108	111850	IA9439	113923
IA0604	110178	IA0731	113866	IA1109	112539	IA9442	112159
IA0604	110726	IA0732	111093	IA1110	111883	IA9443	112561
IA0604	111653	IA0735	111036	IA1111	112194	IA9444	113448
IA0605	110357	IA0746	113477	IA1117	113949	IA9445	112561
IA0605	110726	IA0754	112299	IA1126	112679	IS0005	110520
IA0605	110767	IA0759	112170	IA1127	111631	IS0007	111100
IA0605	110975	IA0763	110905	IA1128	112043	IS0030	112651
IA0605	111653	IA0781	110043	IA1134	112021	IS0034	110856
IA0605	113758	IA0784	110105	IA1137	112535	IS0115	110208
IA0606	110911	IA0789	110163	IA1142	113340	IS0116	110537
IA0610	110726	IA0801	111834	IA1144	112075	IS0126	110537
IA0610	111652	IA0811	111368	IA1145	112273	IS0130	110210
IA0610	111653	IA0824	111176	IA1146	112079	IS0151	113464

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA</b> Continued							
IS0178	110206	IS0537	111640	IS0732	111304	IS9013	110535
IS0179	110545	IS0548	111001	IS0736	112173	IS9016	110208
IS0193	110367	IS0551	110536	IS0743	110527	IS9017	110539
IS0193	110866	IS0552	110536	IS0748	113532	IS9019	110582
IS0201	110530	IS0558	110839	IS0762	111755	IS9020	110213
IS0203	110529	IS0565	112041	IS0763	111422	IS9021	110532
IS0203	110813	IS0567	112555	IS0766	112132	IS9022	112119
IS0216	110517	IS0569	111755	IS0769	110461	IS9023	110206
IS0250	112173	IS0570	110207	IS0772	111069	IS9025	110981
IS0254	111001	IS0579	110462	IS0773	111694	IS9026	110209
IS0280	110582	IS0579	111499	IS0775	111749	IS9027	110207
IS0281	110214	IS0580	111055	IS0776	112133	IS9028	110205
IS0281	110531	IS0580	111123	IS0783	113346	IS9029	110980
IS0285	110207	IS0580	111127	IS0787	111029	IS9030	111231
IS0287	110533	IS0582	110585	IS0790	110585	IS9031	111983
IS0289	110213	IS0582	111251	IS0792	110521	IS9032	110210
IS0289	110532	IS0586	110365	IS0793	111755	IS9034	110214
IS0320	110449	IS0586	111585	IS0811	111047	IS9035	110206
IS0338	110587	IS0590	111064	IS0820	113532	IS9038	110210
IS0338	111130	IS0590	112162	IS0836	113570	IS9038	113855
IS0346	110520	IS0593	110351	IS0841	112071	IS9040	110212
IS0346	110585	IS0595	113484	IS0845	112131	IS9042	111046
IS0346	111251	IS0596	113465	IS0854	111748	IS9054	111219
IS0346	113753	IS0597	111231	IS0862	110519	IS9056	110932
IS0352	111056	IS0598	113466	IS0881	113482	IS9059	110211
IS0364	110520	IS0600	110341	IS0889	111752	IS9061	111003
IS0366	110519	IS0600	112056	IS0895	112135	IS9062	110208
IS0366	110522	IS0601	110208	IS0896	112136	IS9064	111249
IS0375	110793	IS0607	110212	IS0957	113481	IS9067	111249
IS0375	111066	IS0612	112039	IS0979	112496	IS9068	111218
IS0389	110205	IS0618	113381	IS0993	112670	IS9078	111219
IS0392	110825	IS0619	113467	IS0996	114321	IS9082	112120
IS0392	111228	IS0620	112249	IS0999	114050	IS9083	111217
IS0392	112124	IS0624	110462	IS1010	112390	IS9096	112116
IS0392	112289	IS0626	113468	IS1012	112391	IS9099	112507
IS0392	112455	IS0627	112074	IS1015	112171	IS9124	112117
IS0395	111068	IS0629	110460	IS1018	112660	IS9128	111217
IS0399	110368	IS0629	110565	IS1024	111848	IS9142	111771
IS0399	111112	IS0629	111346	IS1040	111909	IS9143	113608
IS0403	110529	IS0630	110818	IS1041	111900	IS9144	113609
IS0404	111058	IS0631	110442	IS1042	113387	IS9144	113851
IS0404	113483	IS0632	110819	IS1043	112286	IS9145	112437
IS0407	110524	IS0642	111070	IS1045	112034	IS9146	112224
IS0408	110439	IS0642	114460	IS1046	110819	IS9147	112581
IS0409	110640	IS0646	112295	IS1047	111641	IS9148	111910
IS0411	110565	IS0647	110867	IS1051	112545	IS9149	112581
IS0412	110525	IS0647	112290	IS1055	113532	IS9300	111136
IS0417	112304	IS0651	110847	IS1075	114460	IS9307	111347
IS0428	110534	IS0651	111122	IS1077	113429	IS9310	112308
IS0429	110535	IS0651	111270	IS1078	111771	IS9311	112309
IS0432	112039	IS0654	111217	IS1079	113480	IS9312	112166
IS0483	110337	IS0655	110520	IS1088	113007	IS9313	111786
IS0483	111053	IS0655	111249	IS1089	113429	IS9317	111690
IS0483	111123	IS0657	111217	IS1094	112005	IS9319	111805
IS0483	111131	IS0661	110608	IS1101	112534	IS9327	112307
IS0484	110536	IS0661	111025	IS1150	113982	IS9330	111619
IS0486	114438	IS0662	113007	IS1169	113277	IS9331	112251
IS0490	110518	IS0663	111224	IS1170	111130	IS9333	113134
IS0491	110523	IS0664	111332	IS1175	111906	IS9334	112320
IS0492	110517	IS0664	111885	IS1179	110999	IS9335	112103
IS0492	110521	IS0665	112267	IS1190	111910	IS9403	111251
IS0500	110814	IS0669	111332	IS1195	114387	IS9404	110584
IS0505	110351	IS0670	111332	IS1199	114020	IS9409	111748
IS0509	110565	IS0671	111001	IS1201	114388	IS9414	111508
IS0519	110338	IS0687	111638	IS1216	110584	IS9418	112821
IS0519	110819	IS0688	110519	IS1236	114220	IS9421	111425
IS0519	110826	IS0692	110545	IS1263	110813	IS9422	111490
IS0520	110439	IS0695	111885	IS1264	112498	IS9424	113282
IS0520	110819	IS0704	110521	IS1265	113276	IS9426	111685
IS0521	110530	IS0704	111752	IS1269	112436	IS9427	112431
IS0526	110615	IS0705	112135	IS1279	111015	IS9428	111851
IS0529	110584	IS0706	111332	IS1286	113843	IS9431	114163
IS0531	111304	IS0711	110439	IS9001	110531	IS9432	111904
IS0531	112249	IS0716	113443	IS9002	110534	IS9433	110363
IS0532	110814	IS0722	111060	IS9007	110537	IS9434	113389
IS0532	111693	IS0723	112286	IS9008	110537	IS9435	111120
IS0533	111755	IS0728	111982	IS9010	110533	IS9436	113451
IS0534	111755	IS0729	113759	IS9011	110212	IS9437	112439
IS0536	110206	IS0730	113468	IS9012	110212	IS9438	111996

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IS9439	112553	5812001641	110137	8944299990	110675	8971307520	113366
IS9440	113281	5812003161	110697	8944299991	110675	8971307760	113556
IS9441	112218	5812003162	110697	8944339120	111559	8971307761	113556
IS9442	113932	5812003163	110697	8944339121	111559	8971333690	111534
IS9443	112436	5812003300	110448	8944367300	112973	8971333691	111534
IS9444	110813	5812003350	110448	8944410681	110683	8971333692	111534
IS9444	112267	5812003380	112270	8944489590	111683	8971338540	111767
IS9445	110517	5812003381	112270	8944489591	111683	8971347620	112228
IS9445	110521	5812003411	112270	8944490540	111291	8971348660	111767
IS9446	110518	5812003470	110134	8944490542	111291	8971353432	111683
IS9447	110522	5812003580	113347	8944492650	112973	8971366880	111559
IS9447	110582	5812210540	113347	8944492660	112974	8971370090	111267
IS9448	113381	5862026060	113398	8944521343	111291	8971374781	114185
IS9450	113935	5862061680	113398	8944527390	111291	8971463383	111559
ISJ0002	110394	8104550190	112911	8944527392	111291	8971478510	112228
ISJ0003	110709	8104550230	112911	8944527403	111291	8971502000	111515
ISJ0004	110279	8104550250	112911	8944532120	110573	8971502001	111515
ISJ0005	111459	8104550530	112911	8944548911	111136	8971502010	111831
ISJ0006	111307	8104654940	112911	8944569000	111247	8971502030	111534
ISJ0007	110810	8912762340	112986	8944604170	111559	8971502040	111690
ISJ0008	110312	8933004180	111490	8944604171	111559	8971502041	111690
ISJ0009	112033	8941155650	110718	8944719961	111187	8971502042	111690
ISJ0010	111476	8941224884	111267	8944719963	111187	8971674881	114427
ZB4-12/06-9	111100	8941233870	111386	8944719964	111187	8971674882	114427
		8941271840	110129	8944723300	111493	8971753901	114014
		8941271860	110131	8944740192	110683	8971777690	111274
<b>ISUZU</b>		8941313572	110675	8944839180	111136	8971839130	110820
811004012	114483	8941333381	111276	8970222112	112168	8971876540	111267
897022210	112168	8941364000	110573	8970237331	113413	8971876550	112228
897022211	112168	8941364001	110573	8970298630	111254	8971876570	111267
897022212	112168	8941365070	110412	8970298631	111254	8971891122	112272
1811001410	110580	8941405950	112973	8970298632	111254	8971891123	112272
1811001891	110580	8941408950	112973	8970298635	111254	8971891124	112272
1811001910	112649	8941475492	110820	8970298637	111254	8971891125	112272
1811002161	114442	8941566720	110679	8970324642	113675	8971891126	112272
1811002340	113131	8941566721	110679	8970348990	113076	8971891133	112271
1811002341	113131	8941699520	111290	8970348991	113076	8971891134	112271
1811002461	114420	8941717780	112270	8970348992	113076	8971891135	112271
1811002531	112649	8941720940	111290	8970370640	113415	8971891136	112271
1811004013	114483	8941725860	110675	8970377241	111267	8971891137	112271
1812005303	113886	8941733341	110679	8970417900	111186	8971891138	112271
2902766200	113555	8941754180	113412	8970423250	111467	8971891139	112271
2902768300	113367	8941754880	113412	8970426371	112977	8971891180	112320
2903726060	113398	8942044380	110477	8970426372	112977	8971891181	112320
2911232160	113076	8942060810	110128	8970429970	113132	8972043260	113563
2911233280	113402	8942340650	110477	8970429971	113132	8972043320	113367
2912559020	113131	8942549221	110723	8970429972	113132	8972095483	113733
2912559140	111683	8943205310	110723	8970430640	111467	8972095484	113733
2912762340	112986	8943325811	111235	8970447790	111187	8972105050	111559
2912763340	112973	8943325812	111235	8970626410	111767	8972202970	114324
2912763360	112978	8943325860	111274	8970630250	112973	8972251991	114378
2912763380	112977	8943334380	110723	8970630251	112973	8972268403	113743
2912769200	112974	8943367280	114426	8970630261	112978	8972410210	111515
2912769300	112973	8943367300	112973	8970645530	113402	8972553901	112083
5001810100	112270	8943367310	112974	8970655260	113675	8972873923	112271
5811000180	110580	8943647220	112986	8970716110	112228	8972873924	112271
5811000252	110580	8943647221	112986	8970730460	111467	8973234370	111559
5811000571	110573	8943665251	111393	8970739241	111267	8973261800	112271
5811000800	110412	8943820590	111267	8970746110	112228	8973261801	112271
5811000801	110412	8943820591	111267	8970845780	112973	8973551980	113941
5811001111	110412	8943820600	111267	8970887070	110696	8973551981	113941
5811001112	110412	8943863280	111136	8971041011	113555	8973551982	113941
5811001180	110580	8943876530	112083	8971097800	113165	8973638320	114121
5811001280	110723	8944017932	110697	8971097801	113165	8973638321	114121
5811001282	110723	8944046360	111290	8971125490	111559	8973638322	114121
5811001292	110723	8944050440	110697	8971128650	111683	8973638323	114121
5811001331	110412	8944050442	110697	8971128651	111683	8973638330	114121
5811001660	111683	8944086740	110675	8971128652	111683	8973658240	112083
5811001661	111683	8944104090	110412	8971131180	111186	8973695070	113956
5811001662	111683	8944119072	111290	8971131181	111186	8973695071	113956
5811001663	111683	8944119082	111290	8971137700	111267	8973695072	113956
5811001664	111683	8944127301	111683	8971177690	111274	8973695080	113956
5811001690	113428	8944136210	112973	8971177700	111136	8973695081	113956
5811001691	113428	8944139970	110679	8971185420	110820	8973860620	112320
5811001830	111683	8944195191	111267	8971197490	113131	8979410230	114429
5811001860	111683	8944234520	111247	8971203562	113209	8979673011	114428
5811001920	111098	8944237560	112270	8971211800	113076	8980147430	112320
5811001921	111098	8944264470	113416	8971239230	112986	8980147431	112320
5811210140	110573	8944299772	110820	8971298636	111254	8980542550	112271

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISUZU Continued</b>							
8980564390	114121	4786023	114446	504286394	113923	AM107631	112546
8980564410	113956	4807375	110529	504349338	112427	AM108390	112546
8980564430	113941	4807376	110522	504357110	114002	AM109408	113597
8980568670	112271	4808497	110882	504368346	114307	AM117130	113017
8980620410	114324	4831585	112302	1300198080	113451	AM120729	113017
9822007630	110128	4839041	112117	1320921080	111070	AM122337	110634
9822007700	110129	4892318	113188	1332419080	111070	AM124993	112546
9822007760	110131	4892338	112498	9612259680	112292	AM131296	112546
1-81100141-1	110580	7552264	111654	9617842980	113485	AM132702	112546
1-81100191-1	112649	7552459	110612			AM132818	113017
1-81100246-1	114420	7713140	113471	<b>JAGUAR</b>			
1-81100246-2	114346	7719428	111032	C2S1396	111374	AM31568	110510
1-81100253-0	112649	7733966	112289	C2S27024	112821	AM31754	111702
1-81100338-0	114267	8029647	112436	C2S27198	113709	AM32092	112564
1-81100338-1	114267	42498131	113467	C2S41471	111374	AM32393	113015
1-81200205-0	111051	42498145	110518	C2S47099	112821	AM32789	110510
1-81200209-0	111051	42498148	110582	C2S47100	113709	AM32853	111702
1-81200365-0	111051	42498155	110766	DAC8837R	113745	AM34248	110510
1-81200440-0	113386	42498239	110882	DBC1939N	113745	AM3424B	110510
1-81200440-1	113386	42498678	111996	DBC2937E	113745	AM34361	111702
1-81200440-2	113386	42498718	112498	DBC2937N	113745	AM34731	112564
1-81200530-3	113886	42522722	112747			AM34753	111701
2-90276600-0	113643	42522949	112343	<b>JCB</b>			
5-81100-099-1	110573	48922338	112498	320-09022	114264	AM34888	110510
5-81100169-2	113428	50436476	114002	320-09035	114264	AM37032	110510
5-81200382-0	111051	69502571	112441	320-09346	114264	AM37352	110634
8-10479923-0	111426	93828721	111996	714-26100	112722	AM37725	111701
8-93300270-9	111349	98417133	112097	714-32300	112698	AM37869	110510
8-94137345-2	110679	98417134	112097	714-35600	112534	AM38136	112563
8-94255439-2	113385	98417208	112097	714-40005	111346	AM38984	110635
8-94363428-0	113385	98417209	112097	714-40152	113763	AM39137	110634
8-94384314-0	113402	98419035	111987	714-40159	114388	AM39285	112563
8-94384314-01	112986	98424452	112076	714-40231	114388	AM39287	110635
8-94384314-1	113402	98424453	112076	714-40536	114388	AM809215	114197
8-94389772-1	114368	98424739	112076			AM875014	112373
8-94404790-2	113212	98424748	112076	<b>JOHN DEERE</b>			
8-94446770-0	113385	98449163	112076	91902C1	113429	AM87740	110620
8-97029226-0	114366	99432760	112822	A162469	113429	AM878176	112373
8-97064553-0	113402	99449113	110529	A187615	113429	AM878415	110485
8-97073924-0	111267	99451752	112406	A18763	111843	AM878581	113401
8-97073924-1	111267	99451753	111996	AE52707	113531	AM878813	112373
8-97074612-0	111767	99454112	111987	AE53101	113531	AM879204	114197
8-97101816-1	113643	99473468	112406	AH137883	111843	AM879909	113742
8-97101816-2	113643	99477271	113923	AL110503	111755	AM880733	113401
8-97109780-0	113165	99486046	112823	AL110504	111755	AM880840	114400
8-97120356-1	113209	131955508	112026	AL111675	112529	AMJ7869	110510
8-97134866-0	111767	323019050	114021	AL111676	112062	AN193461	110445
8-97175390-1	114014	500307724	112441	AL114092	112529	AR62401	111649
8-97189112-2	112272	500314723	112406	AL114093	112062	AR70436	111755
8-97189112-3	112272	500315943	112427	AL11503	111755	AR70436	111755
8-97189113-3	112271	500317453	112407	AL119537	113949	AR77254	111224
8-97189113-4	112271	500325137	113277	AL166646	112062	AR8204	110445
8-97208421-1	114373	500325145	113182	AL166647	114379	AR87205	110445
8-97215992-2	113698	500325146	110522	AL170947	113707	AR93447	110445
8-97226840-0	113743	500331736	113923	AL28516	110105	AR93448	110445
8-97226840-3	113743	500332014	111842	AL35998	110105	AT115049	113769
8-97226840-4	113743	500333269	110813	AL3846201	112046	AT125430	113769
8-97940220-0	114371	500333271	110529	AL41247	111755	AT161324	112170
		500338952	110529	AL60033	113632	AT173624	111888
		500338953	110813	AL62401	111649	AT185951	113531
		500364130	114384	AL62690	111755	AT220394	111843
		500371244	113247	AL62691	111755	AT23401	111755
		500389864	114050	AL62772	111755	AT330320	114212
		504009977	113279	AL62773	111755	AT45526	113511
		504021528	112343	AL67175	110105	AT78689	113531
		504025884	112822	AL67176	110105	AW26844	113734
		504028095	112427	AL78689	113531	AZ23575	111649
		504031929	114021	AL78690	111215	AZ26910	110105
		504033459	113950	AL78692	113531	AZ28516	110105
		504036476	114002	AL78760	111755	AZ31316	113632
		504036695	114196	AL81154	112442	AZ38462	111215
		504059251	110529	AL81436	110105	CH12741	110485
		504060771	111843	AL81437	113632	CH15586	110485
		504065776	113923	AL81438	113531	CH19279	110485
		504086888	112441	AM100807	111087	DAW26844	113734
		504114396	112427	AM100809	111087	FGV35532054	114055
		504114397	112427	AM104559	113596	LG490240	112563
		504163666	114050	AM106883	112563	LG490420	112563
		504201467	112441			LG497401	112563
						LG497595	110634
						LG497596	110635



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LG693551	113854	TY6773	112773	1179470	112041	OK01218300	111787
LG91262	112563	TY6774	112170	1179586	113464	OK05418300	113903
LVA12357	113742	TY6777	113531	01179755	112183	OK05418300C	113903
M143512	113539	TY6778	111215	1179755	112183	OK20118300B	111237
RE13722	111224	TY6793	113531	01179756	114077	OK24018300	111308
RE185213	113899	TY6795	112773	1179882	112343	OK24018400	110808
RE186320	113975			1179897	112183	OK24118300	111237
RE19275	110942	<b>KATEK</b>		1179941	111629	OK24118400	110808
RE257541	113975	9402.3701	111811	1180040	112343	OK24118400A	110808
RE28186	113769	9462.3701	111352	1180180	111855	OK2A218300	111237
RE36246	111215	CT222A	113431	01180650	114077	OK30C18300	113656
RE36267	111843	ST222A	113431	1180660	112183	OK30D18300	113656
RE36268	112773			01180662	114077	OK55218300B	112334
RE37201	111215	<b>KAWASAKI</b>		1180804	110523	OK55218400	113327
RE41799	110942	21163-2073	113596	1180805	112555	OK55218400A	113327
RE41875	111224	21163-2089	113734	1180928	112071	OK55318300B	112334
RE42123	111215	21163-2101	113597	1180999	112494	OK71118400	110389
RE44140	111215	21163-2114	113663	1181096	113895	OK71118400A	110389
RE46608	111830	21163-2118	113663	1181101	113980	OK71F18400B	110389
RE500733	111755	21163-3001	111840	1181570	114320	OK90018400	110808
RE501002	111755	21163-3002	111840	1181747	114289	OK90018400B	110808
RE501157	113478	21163-3003	111840	01181751	113181	OK95618400	110810
RE501347	113478	21163-3702	112010	1181751	113181	OK9B018300	113790
RE501551	114195	21163-3709	112010	1181753	114220	OK9B118300	113790
RE501680	113478	21163-3710	111840	1181976	112071	OR20118300K	110706
RE501689	113478	21163-3711	111840	1182027	113949	OR20118400	110389
RE501693	113478	21163-3712	112010	1182037	114289	OR20118400B	110389
RE502156	113478	21163-3714	112010	1182105	112548	31600-32540	110811
RE502196	113478	21163-5031	111840	1182126	114220	36100-02500	112322
RE503226	112442	21163-7001	113593	01182153	113470	36100-02511	112322
RE504807	112442	21163-7010	113593	01182179	114320	36100-02550	112322
RE505746	113478	21163-7022	113593	1182179	114320	36100-02555	112322
RE506196	113543	21163-7029	113593	1182384	113181	36100-02560	112322
RE506197	113542			01182388	114320	36100-11110	110479
RE507943	114195	<b>KHD</b>		1182388	114320	36100-11120	110479
RE509658	111221	1161384	110536	1182390	114220	36100-11130	110479
RE51447	110942	1161422	110523	1182434	112548	36100-11140	110479
RE516157	113478	1162135	110766	01182438	114077	36100-11150	110479
RE516455	113478	01163558	114438	01182544	114192	36100-21000	110479
RE51694	110942	1163626	113464	01182691	113949	36100-21730	110315
RE51725	113007	1163669	110536	01182758	114323	36100-21740	110315
RE51921	111215	1163758	113467	01182961	112046	36100-21750	110315
RE519975	113478	1163985	110641	01183235	112071	36100-21770	110958
RE52120	113007	1164049	110766	01183365	113181	36100-22000	110315
RE52150	113007	1164668	110536	01183427	113768	36100-22800	113659
RE522738	113007	1164994	110536	01183441	114077	36100-22805	113659
RE57960	113543	1164995	110536	01183455	112046	36100-23000	111306
RE60171	113454	1170051	110536	1304445	111217	36100-23050	111306
RE60239	113454	1170731	110766	2404401	110766	36100-23060	111306
RE60384	111755	1170739	110537	2918662	110537	36100-23065	111306
RE60641	113478	1171617	110641	02934613	111855	36100-23100	111307
RE68470	110942	1171681	110766	3362189	110766	36100-23150	111307
RE684701	113478	1172650	110766	04300006	113181	36100-23160	111307
RE69704	113736	1172857	112736	4300006	113181	36100-23161	111307
RE70474	113983	1173240	110536	4757192	111419	36100-23165	111307
RE70728	113454	1173241	110523	12153836	114478	36100-26800	113659
RE70957	113736	1174166	110536	12270187	111978	36100-27000	113329
RE70960	113983	1174253	112747	12270612	111978	36100-27010	113329
RES533653	111843	1174631	110512	12270774	110519	36100-27011	113329
SE501844	113900	01174635	114437	98417208	112097	36100-27510	113796
SE501854	113478	01174637	114438	01179898KZ	114077	36100-29000	111070
SES502627	111843	01174645	110535	01180928KZ	112071	36100-2A000	113797
TY24303	113007	1175597	112343	01180995KZ	111855	36100-2A100	113797
TY24438	110942	1175886	110536	01180999KZ	112494	36100-2Y100	110808
TY24441	113983	1177063	112046	01181570KZ	114320	36100-32500	110811
TY24486	113531	1177441	112041	01181751KZ	113181	36100-32510	110811
TY25238	114197	1177442	113980	01182233KZ	112071	36100-32520	110811
TY25243	113742	1177481	110641	01182384KZ	113181	36100-32530	110811
TY6621	110445	01178026	110536	1180928KZ	112071	36100-32540	110811
TY6669	110105	1178026	110536	1182233KZ	112071	36100-32560	111305
TY6679	113769	1178136	113470	B15R12X3H762	110536	36100-32600	110811
TY6680	113769	1178511	112159	B4R12X3H7622	110536	36100-32610	111305
TY6684	111215	1178521	110881			36100-32630	110811
TY6688	110942	1178607	112046	<b>KIA</b>		36100-32640	111305
TY6715	110485	1178670	112041	OB6S818400	110808	36100-33000	111306
TY6717	110485	1178671	113980	OK01118300	111787	36100-35010	111241
TY6719	110942	1178689	110766	OK01118300B	111787	36100-35020	111241
TY6720	111755	1179318	112555	OK01118300C	111787	36100-35030	111241
TY6762	111830			OK01118300D	111787	36100-35040	111241

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>KIA Continued</b>							
36100-35050	111241	37300-38710	113517	K13718300B	111714	4109806	111012
36100-35510	111242	37300-39400	113653	K20118300A	111237	4109808	111702
36100-35900	111241	37300-39405	113653	K20118301A	111237	4509809	110510
36100-37110	113805	37300-41010	111344	K99318400	110810	4509810	111700
36100-37210	113020	37300-41011	111344	KK0218400	110807	4809804	111701
36100-38050	113638	37300-42010	111344	KK13718300	111714	5209811	112568
36100-38090	113521	37300-42112	111929	KK13718300B	111714	5209812	110949
36100-41010	110576	37300-42114	111929	KK33318300	112297	5209813	112831
36100-41012	110576	37300-42200	110806	KK33918300	111714	12-098-03	112546
36100-42010	110809	37300-42202	110806	KK37018300	111308	12-098-04	112244
36100-42011	110809	37300-42203	110806	KK37018400A	110807	12-098-05	112150
36100-42050	111461	37300-42204	110806	KK40118400	110807	12-098-06	112150
36100-42250	113445	37300-42206	110806	KKY0218400	110807	12-098-08	112244
36100-42350	113445	37300-42303	111929	KY0218400	110807	12-098-09	112150
36100-47600	111476	37300-42353	112333	MB30118400C	110807	12-098-10	113017
36100-47650	111565	37300-42354	112333	MB30318400A	110808	12-098-12	112150
36100-4A000	113937	37300-42355	112333	MB35918400A	110808	12-098-13	112244
36100-4A010	113937	37300-42356	112333	OB6S818400	110808	12-098-19	112244
36100-72000	114343	37300-42357	112333	OJE2618400A	111246	12-098-21	112150
36100-83010	112342	37300-42358	112333	OK001218300	111787	20-098-05	113854
36100-93010	113129	37300-42359	112333	OK01118300	111787	24-098-01	112546
37300-02503	113518	37300-42360	112333	OK01118300B	111787	25-098-03	113017
37300-02550	113791	37300-42451	113330	OK01118300C	111787	25-098-04	113017
37300-02551	113791	37300-42452	113330	OK01118300D	111787	25-098-05	113017
37300-21013	110666	37300-42454	113330	OK01218300	111787	25-098-06	113017
37300-22011	111309	37300-42455	113330	OK05418300	112506	25-098-07	113017
37300-22020	111309	37300-42456	113330	OK05418300A	112506	25-098-08	112546
37300-22023	111309	37300-42457	113330	OK05418300B	112506	25-098-09	112546
37300-22200	111405	37300-42458	113330	OK05418300C	113903	25-098-11	112546
37300-22511	110659	37300-42459	113330	OK20118300	110663	32-098-01	114075
37300-22600	111309	37300-42470	113330	OK20118300A	110663	32-098-04	114075
37300-22650	113657	37300-42471	113330	OK20118300B	110663	41-098-01	111702
37300-23600	113657	37300-42473	113330	OK24018300	111308	41-098-03	111702
37300-24010	110660	37300-42502	113343	OK24018400	110808	41-098-04	111012
37300-24510	110659	37300-42542	113519	OK24118300	111237	41-098-05	111701
37300-24511	110659	37300-42620	113343	OK24118400	110808	41-098-06	111012
37300-26100	113657	37300-42621	113343	OK24118400A	110808	41-098-07	111702
37300-27010	113328	37300-42622	113343	OK24A18300	111807	41-098-08	111702
37300-27011	113328	37300-42624	113343	OK2A218300	111237	41-098-10	111700
37300-27012	113328	37300-42750	111491	OK30C18300	113656	45-098-01	111702
37300-27013	113328	37300-42804	111929	OK30D18300	113656	45-098-02	110510
37300-27030	113328	37300-42860	113519	OK55218300B	112334	45-098-03	110510
37300-27031	113328	37300-42870	113519	OK55218400	113327	45-098-04	111701
37300-29000	112688	37300-42871	113519	OK55218400A	113327	45-098-05	111701
37300-2A010	113863	37300-42C12	111929	OK55318300A	112334	45-098-07	110510
37300-32130	111343	37300-42Q00	111929	OK55318300B	112334	45-098-09	110510
37300-32131	111343	37300-42Q10	111929	OK55418300	113213	45-098-10	111700
37300-32134	110804	37300-43800	112500	OK55518300	112334	45-098-12	110949
37300-32354	112333	37300-43850	111314	OK55518300A	112334	45-099-07	110510
37300-32510	110957	37300-43860	111314	OK64018300G	112506	48-098-02	111701
37300-32511	110957	37300-47400	113343	OK6S818400	110818	48-098-04	111701
37300-32520	110957	37300-47450	113343	OK71118400	110389	48-098-05	111701
37300-32530	110957	37300-47451	113343	OK71118400A	110389	51-098-01	110510
37300-32800	110804	37300-47500	113519	OK71F18400B	110389	52-098-02	110949
37300-33000	110802	37300-47501	113519	OK90018400	110808	52-098-03	110949
37300-33010	110802	37300-47503	113519	OK90018400B	110808	52-098-04	112568
37300-33013	110802	37300-4A000	113792	OK90018400C	110808	52-098-06	112831
37300-33030	110802	37300-4A001	113792	OK95418400	110808	52-098-07	111702
37300-33100	110804	37300-4A002	113792	OK95618400	110810	52-098-08	113230
37300-33101	110804	37300-4A003	113792	OK95618400B	110810	52-098-09	110949
37300-33102	110804	37300-4A110	113792	OK9A118300	113790	52-098-10	112831
37300-33103	110804	37300-4A111	113792	OK9A418300	113790	52-098-11	112568
37300-33110	110804	37300-4A112	113792	OK9B018300	113790	52-098-12	110949
37300-35010	110803	37300-4X000	113331	OK9B118300	113790	52-098-13	112831
37300-35020	110803	37300-4X001	113331	OK9B218300	113790	A232981	111702
37300-35030	110803	37300-4X002	113331	OK9B318300	113790	A234193	111702
37300-35560	111406	37300-4X003	113331	OK9B018300	113790	A236292	111700
37300-35563	111406	37300-4X200	112334	OR20118300K	110706	A236396	110510
37300-35570	111406	37300-4X500	113331	R20118300	110706	A237131	110510
37300-35571	111406	37300-4X501	113331	RF0918300	110699	A237132	111700
37300-35573	111406	37300-4X502	113331	AA10118400	111088	A237510	110510
37300-36010	110956	37300-4X503	113331			A237511	111700
37300-36030	111314	B30118400B	110807	<b>KOHLER</b>		A237534	110510
37300-37110	113652	B30318400	110808	1209813	112244	A277214	111701
37300-37200	113652	B35918400	110808	1209821	112150	A277599	111701
37300-37405	113652	B67618400A	110808	2009801	113854		
37300-38310	112327	B6S818400	110808	2509804	113017	<b>KOMATSU</b>	
37300-38400	112327	FE1H18400	110810	2509807	113017	155-016-3011	110245
37300-38700	113517	FE5018400D	110808	2509809	112546	155-216-3011	110720

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
160-976-1361	110421	12498-63010	113596	16231-64010	113921	19460-63011	114497
600-813-1420	113206	12752-63012	113475	16231-64011	113921	19460-63012	114497
600-813-1720	110568	14278-63012	113199	16231-64012	111048	19460-63013	114497
600-813-1721	110568	14278-63013	113199	16235-63010	112547	19616-63011	110356
600-813-2394	110560	15213-63013	110421	16235-63011	112547	19637-63013	110421
600-813-3111	111212	15221-63010	110245	16235-63012	112547	19821-63011	110938
600-813-3121	111212	15221-63014	110245	16235-63013	112547	19836-77200	113401
600-813-3122	111212	15221-63015	110245	16235-63014	112547	19837-63011	110421
600-813-3130	111212	15221-63016	110245	16235-63015	112547	19837-63013	110421
600-813-3142	110557	15221-63017	110245	16241-64010	113921	19883-63011	113204
600-813-3143	110557	15221-63018	110245	16241-64011	113921	19883-63012	113204
600-813-3240	113203	15231-03012	110421	16241-64012	113921	1C010-63010	113551
600-813-3320	110656	15231-63010	110421	16285-63011	111622	1C010-63011	113551
600-813-3390	111050	15231-63011	110421	16404-64012	114085	1C010-63012	113551
600-813-3550	112503	15231-63012	110421	16611-63011	111021	1G911-63012	114333
600-813-3551	112503	15231-63013	110421	16611-63012	111021	1K012-63011	114167
600-813-3560	110556	15231-63014	110421	16611-63013	111021	34070-16801	113893
600-813-3630	110555	15231-63015	110421	16612-63011	110447	34070-16803	113893
600-813-3632	110555	15231-63016	110421	16612-63012	110447	34070-75600	113921
600-813-3650	110556	15321-63015	110245	16615-64011	114251	34070-75601	113921
600-813-3651	110556	15321-63016	110245	16652-63012	111197	34070-75602	113921
600-813-3660	110556	15321-63017	110245	16652-63013	111197	37560-63010	110447
600-813-3661	110556	15401-63010	110720	16661-63012	111299	37560-63011	110447
600-813-3662	110556	15401-63011	110720	16661-63013	110356	37560-63012	110447
600-813-3681	110555	15401-63012	110720	16661-63013	111299	3A011-74012	111048
600-813-4000	111212	15401-63013	110720	16678-64011	113856	60081-33240	113203
600-813-4120	111050	15411-64010	110258	16678-64012	113856	66436-64011	113921
600-813-4122	111050	15411-64011	110258	16695-63011	110447	67980-31151	113211
600-813-4410	111212	15425-63010	111197	16695-63012	110447	6A320-59212	114194
600-813-4470	113203	15425-63011	111197	16695-63013	110447	70000-65424	110421
600-813-4530	110555	15425-63012	111197	16705-64011	111048	70000-73490	110940
600-813-4531	110555	15425-63013	111197	16705-64012	111048	70000-76500	110421
600-813-4532	110555	15425-63014	111197	16853-63011	114485	E7194-63010	112546
600-813-4533	110555	15435-63012	110245	16871-63010	110447	E7199-63010	110421
600-813-4560	110556	15461-63010	110720	16871-63011	110447	E7230-64012	114219
600-813-4561	110556	15461-63011	110720	16945-64011	113921	K3511-81410	110447
600-813-4562	110556	15461-63012	110720	16945-64012	113921	K3511-81411	114485
600-813-4650	110556	15461-63013	113966	16945-64013	113921		
600-813-4651	110556	15461-63014	113966	17298-63010	110720		
600-813-4652	110556	15461-63015	110720	17298-63013	110720	<b>KÄSSBOHRER</b>	
600-813-4670	111020	15471-64011	110258	17311-63010	110245	7421311000	110766
600-813-4680	110555	15501-63010	110245	17311-63011	110245	7421341000	110895
600-813-5660	110556	15501-63011	110245	17331-63010	110245	7421345000	111859
600-813-6410	113499	15501-63012	110245	17331-63011	110245	7421348000	111629
600-813-6411	113499	15501-63014	110245	17331-63012	110245	7431022000	110368
600-813-6412	113499	15504-63010	110447	17341-63010	110720		
600-813-6510	112503	15504-63011	110447	17341-63011	110720	<b>LADA</b>	
600-813-6610	114164	15504-63012	110447	17341-63013	110720	293708	110351
600-813-6611	110555	15511-63010	110720	17356-64010	113200	37.3701	110348
600-813-6612	114164	15511-63011	110720	17356-64011	113200	3708000	110352
600-813-6632	111020	15521-63010	110720	17356-64012	113200	4233708	110352
600-821-2350	111048	15521-63011	110720	17369-64011	110374	4243708	110351
600-821-3260	110800	15521-63012	110720	17381-63012	110940	4253708	110352
600-821-3280	110800	15601-63010	110940	17381-63014	110940	4263708	110351
600-821-3350	110800	15601-63011	110940	17381-63015	110940	5102.3771	111811
600-821-3370	110800	15601-63012	110940	17490-63011	110720	5702.3708	112304
600-821-5580	110562	15621-63010	110940	17490-64010	114263	5712.3708	110351
600-821-6110	110567	15621-63011	110940	17490-64011	114263	5722.3708	110352
600-821-6120	110562	15621-63012	110940	17490-64012	114263	9412.3701	112191
600-821-6130	110562	15621-63013	110940	17490-64014	114263	2100-3708000	110352
600-821-6140	110562	15621-63014	110940	17490-64015	114263	2101-3701000	110349
600-821-6150	110657	15621-64010	111195	17525-64011	113401	2101-3701005	110349
600-821-6160	110562	15621-64011	111195	17594-63012	110447	2101-3701010	110349
600-821-6190	110657	15641-63013	110720	19007-63011	110421	2101-3708000	110352
600-861-1611	114097	15707-63011	110245	19013-63011	110940	2101-3710000	110349
600-861-6410	114113	15741-63010	110447	19013-63012	110940	2103-12VIP54	110351
600-861-6420	114113	15741-63011	110447	19202-63011	110938	2105-3701005	110350
600-863-1410	114332	15763-64010	111195	19212-63011	110246	2105-3701010	110350
600-863-4110	114340	15763-64011	111195	19212-63012	110246	2108-3701010	110348
600-863-4130	114340	15763-64012	111195	19215-63011	110246	2108-3708010	110351
600-863-5711	114396	15852-63010	111475	19215-63012	110246	2108-3708010-6	110351
600-863-5910	114396	15852-63011	111475	19269-19010	111021	2108-3708019	110351
673-181-2530	114340	15852-63012	111475	19269-63010	111021	2110-3701010	111811
673-381-6510	114340	15852-63013	111475	19269-63011	111021	2110-3708010	112304
673-382-6510	114340	15881-64200	111048	19269-63012	111021	2112-3701010	111811
		15881-64201	111048	19269-63013	111021	2112-3701010-08	111811
		15881-64202	111048	19293-63011	110421	21213-3708010	110352
<b>KUBOTA</b>		16225-63013	110421	19400-63011	110447	21214-3701010	112191
1752564011	113401	16231-24011	113921	19420-63012	110447	2121-43701010	112191
11460-63011	113635					221-3701000	110349

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LADA Continued</b>							
221-3708000	110352	A0012700JB	113651	3262	112340	4276	112268
222-3701005	110350	A0012700LC	113651	3263	111374	4280	110602
222-3701010	110350	A0012800JB	113740	3267	112646	4297	112233
224-370701	110348	A0012800LC	114538	3268	111183	4304	112232
224-373701	110348	A0012802LC	114538	3269	113226	4337	110506
2406-3708000	111350	A0012824LC	114538	3270	112586	4339	112233
2407-3708000	111350	A0012825LC	114538	3272	112588	4383	110506
3101-3708000	110352	A0012828LC	114538	3274	113226	4389	111041
9402-3701-14	111811	A0012913LC	114538	3295	110347	4392	112268
CT221128	110352	A0014727JB	112560	3300	112267	4398	110472
CT22112B	110352	A0014836LGH	114538	3339	110436	4426	110218
CT2213708000	110352	A0014836AAH	114538	3353	111224	4438	111190
F22112B42A	110349	A0014846AAH	114538	3367	111224	4455	111259
KAT22112642	110349	A002801LC	114538	3368	111224	4600	110347
KAT3K29-3708	110351	BCA3920	112159	3370	110999	4611	112089
KAT3K35-3708	110352	BLD2231GH	114538	3374	110436	4635	112089
KAT3KCT221126	110352	BLD2307	114529	3502	110414	4746	110999
KAT3KT22214B	110350	BLD2333GH	114538	3505	110218	4791	111000
L211A14B	110349	MO014502ME	110590	3508	110216	4894	112243
T2223701010	110348			3510	110216	4897	110346
T222-3701010	110348			3535	110221	4918	112254
		<b>LESTER</b>		3548	111277	4927	110347
		3052	110999	3550	111277	4930	112254
		3054	110999	3553	110113	4937	113384
<b>LANDROVER → ROVER GROUP</b>		3059	111000	3560	111258	4946	112007
		3063	111000	3563	110221	4960	111221
<b>LEECE-NEVILLE</b>		3074	111000	3571	110221	4963	110590
90772	114538	3098	112089	3601	113611	4987	110999
35259580	111221	3109	113728	3627	111258	4997	112243
2300J	110937	3110	113729	3664	112897	4999	111007
2300JB	110937	3130	110226	3681	110216	5092	112249
2300JC	110937	3131	110226	3689	111258	5177	112130
2303JB	110801	3132	110224	3691	112897	5179	112130
2331GH	114538	3133	110232	3696	110218	5234	111043
2333GH	114538	3134	111213	3720	110569	5265	111043
2360J	110937	3138	111213	3744	112089	5268	110636
2360JB	110937	3142	110229	3745	111000	5270	111043
2400J	110937	3148	110230	3757	111000	5278	110647
2400JB	110937	3149	110228	3758	112258	5279	110240
2500J	110937	3153	110225	3760	112089	5281	110647
2500LJ	113651	3162	110225	3767	112089	5285	110644
2626J	113651	3168	110225	3785	110999	5287	110648
2670J	113651	3175	112963	3800	112897	5290	111043
2670JB	113651	3182	110225	3823	111000	5294	110645
2670JC	113651	3184	112963	3824	111000	5295	110648
2670LC	113651	3185	112965	3838	112897	5299	110649
2700J	113651	3188	112016	3876	111190	5320	111000
2700JB	113651	3191	112963	3902	110347	5388	110650
2700JC	113651	3197	112966	3919	110241	5389	110650
2702LC	113651	3198	112966	3943	111007	5392	111267
2800J	113740	3204	112584	3948	110999	5393	110649
2800JB	113740	3205	111183	3955	110999	5397	110644
2800LC	114538	3207	110509	3958	112089	5399	110654
2800LJ	110937	3209	110231	3962	112089	5400	110241
2801LC	114538	3213	111370	3972	111224	5401	110654
2802LC	114538	3214	113216	3974	112089	5659	112105
2805J	110937	3217	113217	3977	110569	5701	113015
2824LC	114538	3218	111370	3978	112089	5702	112567
2825LC	114538	3219	112584	3979	112258	5706	112832
2828LC	114538	3220	112584	3980	112089	5707	112832
2913LC	114538	3221	112592	3987	110436	5708	110648
4425JA	110937	3223	113218	3991	111224	5709	110645
4502ME	112253	3224	111844	3999	110436	5710	113524
4625JA	110937	3225	113220	4000	111221	5712	111043
4725JA	110937	3226	113221	4150	111260	5713	110647
4727JB	112560	3227	111844	4162	112233	5714	112156
4836LGH	114538	3228	112030	4167	110469	5715	113590
4836AAH	114538	3231	113222	4196	110590	5716	110647
4846AAH	114538	3232	112030	4202	111190	5718	110240
7064A	110937	3233	112592	4224	111190	5719	110644
8EA2018N	110371	3234	113218	4233	110491	5721	112154
8LHA2275V	114538	3238	113222	4234	110468	5722	110644
A001090517	113651	3239	111844	4246	110468	5723	112145
A001090524	113651	3241	113218	4249	110216	5724	112247
A001090546	113651	3242	113225	4254	110469	5726	112826
A001090550	113651	3246	113221	4266	110953	5732	110636
A001090557	113651	3250	110223	4267	110588	5734	112146
A001090772	114538	3257	110223	4274	110590	5735	110649
A0012303JB	110801	3258	110222	4275	112660	5736	110648
A0012670JB	113651	3261	112235				
A0012670LC	113651						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
5737	112825	6317	110221	6483	112912	6728	111259
5738	112827	6320	112910	6484	112903	6737	111760
5739	110636	6322	112911	6485	112241	6744	112546
5741	112157	6323	112911	6486	112908	6764	110347
5742	110634	6325	112911	6488	112902	6779	110999
5743	110635	6328	110221	6489	112902	6780	110999
5744	112242	6334	112910	6490	112905	6789	111699
5745	111804	6337	112911	6492	112902	6791	112239
5746	112563	6338	110221	6493	112899	6792	111786
5747	112566	6339	110221	6494	112902	6804	113550
5749	112312	6343	112341	6508	111000	6806	113550
5751	112313	6346	113435	6510	111286	6807	113826
5752	112564	6348	113123	6511	112089	6822	113550
5754	112565	6349	110436	6513	112089	6824	113550
5755	110510	6352	112089	6515	112258	6825	113550
5756	111012	6354	112243	6519	110604	6833	113827
5757	110949	6356	112089	6525	110436	6840	113682
5758	113591	6358	112243	6526	110999	6854	113917
5760	111700	6359	112243	6528	112089	6911	113550
5761	110510	6360	110999	6536	112267	6912	113916
5763	113592	6361	110999	6541	110604	6913	113918
5764	112830	6368	112258	6544	110999	6914	113915
5765	113014	6369	110999	6548	113153	7006	110074
5766	111701	6370	111000	6551	112089	7024	110236
5767	111702	6371	110436	6554	112089	7069	113013
5769	112829	6372	110436	6557	110999	7078	110237
5770	112244	6378	110999	6560	111786	7088	112836
5771	112150	6379	112255	6562	111786	7107	110075
5774	112831	6380	112255	6563	111699	7111	110075
5775	113017	6382	111224	6570	111221	7117	110075
5776	113539	6383	111224	6571	110602	7122	110075
5777	113853	6386	112255	6572	112268	7135	110234
5779	113525	6387	111224	6573	112267	7136	112303
5780	111835	6392	111224	6574	111760	7138	112260
5783	112130	6393	112255	6575	110604	7142	113724
5785	110241	6398	113125	6576	110590	7150	110508
5796	113854	6399	112255	6578	111383	7152	111250
5801	114075	6401	111127	6581	111222	7160	110591
5898	112570	6403	112255	6582	111760	7161	110300
5915	112568	6405	113695	6583	112267	7164	110235
5918	113594	6407	111786	6584	111041	7176	110952
5919	113476	6409	111786	6585	112253	7179	110952
5951	113593	6410	111224	6586	110602	7195	110505
6148	110469	6415	112911	6588	112268	7197	110300
6157	110602	6416	111034	6589	113452	7239	110937
6166	112268	6418	112913	6590	112653	7240	111261
6167	111041	6419	111034	6591	112269	7241	111261
6168	111222	6420	112233	6592	111760	7245	112263
6179	110590	6423	110216	6594	112652	7251	110937
6185	110799	6425	110216	6595	112667	7252	110591
6188	112243	6431	112898	6596	113007	7254	111261
6200	111007	6433	112847	6597	113010	7263	112261
6203	112089	6434	112256	6598	113435	7265	112263
6207	110999	6437	112911	6600	112668	7266	112989
6208	111000	6438	112911	6606	112667	7276	110937
6224	110436	6440	112233	6607	112253	7294	110471
6229	112089	6441	112582	6615	112233	7296	110801
6230	111000	6442	112897	6616	112232	7300	110937
6232	110999	6448	112898	6618	110436	7305	110427
6241	112243	6449	112240	6636	110436	7331	110427
6243	112089	6452	113006	6641	113218	7339	110408
6245	110347	6454	111007	6645	113217	7344	110371
6246	110436	6458	112256	6646	112608	7359	110422
6252	110436	6459	112169	6653	113216	7374	110170
6253	110436	6466	112256	6656	111374	7379	110408
6254	110436	6467	112256	6658	113813	7380	110408
6260	111000	6468	112341	6669	113762	7383	110408
6269	112169	6469	112341	6670	113703	7388	110177
6287	113695	6470	112897	6672	110347	7392	110173
6289	112255	6471	112904	6674	113814	7412	110176
6292	112243	6472	112898	6686	110436	7427	110408
6293	112243	6473	112911	6687	110436	7444	110164
6294	112255	6476	112898	6688	110436	7461	110408
6300	111699	6477	112904	6703	111374	7467	110801
6308	112909	6478	112898	6713	111049	7471	111736
6310	110221	6479	112897	6722	111260	7475	110408
6312	112911	6480	112907	6723	111123	7478	110487
6313	111034	6481	112900	6724	111848	7479	110487
6316	112910	6482	112906	6726	111684	7480	110488

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
7481	110488	7797	112953	8261	112959	12066	111215
7482	110177	7799	112950	8264	112958	12067	110258
7483	113769	7830	110471	8268	114142	12068	111195
7484	110487	7843	112260	8269	113779	12069	113013
7486	110177	7853	111713	8273	112850	12072	111738
7498	110408	7861	112627	8274	112853	12073	111184
7499	110408	7880	112621	8281	113498	12074	110770
7505	110236	7910	112637	8282	113498	12075	112377
7509	110236	7914	112636	8287	114140	12076	110129
7521	112848	7921	112627	8291	112850	12077	113562
7535	112848	7940	112264	8292	113777	12078	112270
7546	110514	7964	112632	8301	113774	12079	110168
7549	110514	7964	112638	8306	113744	12080	110620
7564	112993	7965	112265	8307	113744	12086	111366
7585	110173	7971	112991	8309	112952	12088	111355
7602	110937	7972	112447	8318	113780	12089	111363
7608	110937	7973	112447	8340	110937	12090	111739
7611	110937	7975	112265	8341	110937	12091	111740
7612	110937	7976	111232	8342	110937	12092	113623
7613	113740	8003	112160	8360	113579	12093	113623
7614	110937	8012	111232	8361	113579	12094	112718
7621	113823	8013	111232	8362	113579	12096	112722
7642	112160	8019	111232	8370	111576	12097	113413
7644	113432	8021	111232	8391	110173	12100	111940
7650	112262	8022	112995	8392	112294	12101	111716
7665	112991	8027	111232	8393	110937	12102	111940
7669	111232	8029	112996	8410	113766	12103	111948
7670	111232	8030	112992	8415	110175	12109	112270
7671	111232	8042	113511	8416	110176	12110	113477
7673	111232	8050	113549	8419	110937	12111	112270
7679	111232	8052	110422	8421	110173	12114	110448
7681	112996	8053	110422	8460	113685	12115	112270
7685	112995	8055	110937	8465	114172	12118	110694
7686	111232	8056	110408	8466	113692	12122	111948
7687	112641	8057	110937	8469	113694	12125	110127
7711	113765	8058	113739	8483	114412	12126	113347
7712	113765	8060	112998	8489	113776	12127	113410
7715	112835	8062	110591	8532	113710	12129	112270
7725	112836	8065	112998	8600	114359	12130	113543
7727	112836	8071	112824	8602	114359	12131	113894
7729	112835	8072	112824	8826	113683	12132	111042
7730	112841	8073	113155	9007	110505	12134	112097
7731	112841	8076	112834	9045	110505	12135	111419
7736	112835	8078	112824	9070	110505	12136	112068
7739	111252	8079	112834	9187	111388	12138	111495
7740	111252	8080	113001	9446	110505	12140	111168
7742	112915	8081	113001	9787	111388	12144	111289
7745	110239	8083	113002	9913	110505	12145	111843
7748	112936	8085	113778	9928	110505	12146	111888
7750	111199	8090	113003	9970	110233	12147	112170
7751	113236	8092	113004	11001	113517	12148	112170
7752	112920	8108	110682	11002	112557	12149	112493
7753	112921	8128	112860	11019	112079	12151	113632
7757	112922	8160	112613	11026	113747	12153	112069
7758	112928	8160	112614	11055	113782	12154	112112
7759	111199	8167	112644	11102	111264	12159	111843
7761	112924	8171	112642	11142	113801	12161	111888
7762	112923	8188	112980	11155	113804	12162	112773
7764	112962	8189	112643	11172	113781	12164	110891
7765	112931	8198	112642	11765	111730	12165	110801
7766	112916	8200	112615	12001	111796	12166	111261
7768	111200	8208	112616	12002	113412	12167	111834
7769	112934	8220	113159	12020	110563	12169	112046
7770	112936	8227	111712	12024	110138	12170	110639
7771	112933	8231	112665	12029	110899	12174	111710
7773	112942	8232	112861	12030	111180	12175	110540
7775	112939	8233	111223	12031	110766	12176	111710
7777	112938	8235	112851	12038	111948	12177	111710
7780	112944	8237	112853	12040	111289	12179	113921
7781	112943	8238	112850	12041	111185	12180	110620
7782	112943	8239	111426	12043	110107	12182	110564
7784	112932	8241	112852	12045	110968	12183	111018
7787	112946	8247	112850	12046	110770	12184	111018
7788	112951	8250	112952	12047	111740	12185	111018
7790	112940	8252	112954	12048	111686	12186	111017
7793	112941	8253	112956	12053	110258	12187	110629
7794	112918	8254	112960	12055	111195	12188	110620
7795	112947	8259	112961	12059	110801	12189	111048
7796	112949	8260	112958	12060	111261	12190	113921

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
12195	111830	13054	110726	13285	111266	13440	111435
12197	111048	13055	110726	13287	112972	13441	111293
12198	111048	13056	110358	13289	110804	13442	111193
12199	111048	13058	110899	13290	110956	13443	113066
12199	113921	13059	111397	13293	111966	13445	111959
12212	112252	13061	110925	13294	111609	13446	111315
12217	110766	13068	111397	13297	110664	13447	113554
12218	110766	13069	110887	13301	113058	13448	113553
12219	113470	13075	110611	13302	113061	13450	111375
12223	111216	13077	110358	13303	111535	13451	111376
12224	113716	13080	111096	13304	111192	13455	111538
12225	111298	13094	110360	13305	111191	13456	110496
12226	110751	13100	111649	13306	113055	13457	111518
12234	113415	13105	110357	13307	113056	13458	111477
12235	113822	13106	110975	13308	111192	13459	110803
12239	111366	13107	111289	13309	113051	13465	112687
12249	110800	13109	110911	13310	113059	13466	112692
12251	110562	13113	110877	13311	113060	13467	112683
12257	110800	13128	110048	13312	113054	13468	112692
12260	110562	13137	111035	13313	111192	13469	112692
12267	111051	13138	111086	13314	110689	13470	112687
12270	111048	13140	110138	13316	110967	13473	113368
12271	111048	13143	110445	13319	110681	13474	111264
12272	112375	13147	110913	13321	111435	13479	112031
12273	111186	13150	110876	13322	110682	13480	111535
12278	110134	13152	110875	13323	110682	13482	111579
12281	112768	13153	110358	13324	112971	13483	112860
12286	110179	13159	111670	13326	113074	13485	111678
12288	112270	13170	113048	13327	111264	13491	111199
12291	111361	13184	113052	13329	111264	13492	113083
12292	112112	13185	111191	13334	110631	13494	113085
12293	112345	13188	111395	13335	110631	13495	111965
12294	112747	13190	111395	13336	111279	13497	113078
12298	110641	13193	110105	13338	111435	13499	111517
12306	111355	13194	111649	13339	111435	13501	112101
12307	111355	13196	110664	13341	113063	13503	111517
12309	110448	13197	110666	13350	110663	13508	113073
12311	113310	13203	112736	13351	111406	13509	111285
12324	113418	13204	110882	13352	110803	13511	113033
12333	113716	13205	110890	13355	112529	13512	113091
12346	114218	13206	110882	13356	112194	13521	113076
12355	113715	13207	112742	13357	112806	13523	111237
12356	113742	13208	111226	13359	112194	13526	112538
12358	112491	13211	113441	13360	112777	13529	113080
12361	112168	13213	111279	13361	112693	13530	113080
12367	110621	13214	110967	13363	112774	13531	111958
12372	113531	13216	112812	13367	112734	13533	111266
12374	112730	13220	113050	13369	112797	13534	113421
12376	111833	13223	113051	13372	112804	13537	111537
12379	112529	13227	111342	13374	110913	13539	113075
12384	112425	13229	111432	13376	111354	13540	113166
12387	113351	13231	113030	13378	113576	13542	113865
12388	113448	13232	110682	13379	111155	13549	111264
12389	113351	13234	111435	13380	111353	13551	111579
12390	113600	13240	110682	13381	111477	13552	113089
12405	112112	13241	111580	13382	111733	13553	113090
12407	110048	13242	112777	13384	113085	13554	113090
12410	110052	13243	112734	13385	112102	13557	111468
12411	111397	13244	112746	13387	113495	13558	113081
12412	111397	13245	111193	13388	113496	13559	111807
12415	112108	13249	110802	13389	112181	13564	112977
12425	110540	13250	110631	13391	110683	13567	113061
12429	113623	13251	110632	13394	113636	13571	113368
12438	113921	13254	111173	13395	113088	13574	111308
12470	114043	13256	113053	13396	113093	13575	111529
12490	113807	13257	110956	13397	111705	13577	113027
12550	113763	13259	110692	13398	113077	13578	113067
12571	112803	13265	110927	13405	112699	13580	111530
12582	114384	13266	111578	13409	113092	13585	113462
12585	112159	13268	112812	13413	111482	13586	113507
12656	112721	13269	111895	13414	111610	13592	113069
12656	114251	13271	110802	13415	111279	13593	112583
12775	114113	13272	110803	13416	111279	13594	113235
12782	114379	13273	112975	13417	112557	13596	111406
12807	114085	13275	111611	13419	112746	13597	111406
13014	112098	13276	111536	13426	110967	13598	113566
13018	110887	13277	111480	13429	110911	13599	111530
13023	112788	13280	113051	13432	111342	13600	113369
13028	110735	13282	112100	13433	113162	13605	111479

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
13606	111352	13767	113571	13970	112193	14515	110137
13607	111076	13774	112193	13972	111883	14516	110137
13608	111285	13775	113556	13973	113657	14557	113028
13609	112558	13778	113197	13974	111883	14571	110136
13610	112708	13782	113652	13997	113272	14572	111139
13612	113161	13783	112327	14000	111139	14578	110563
13613	111369	13784	113439	14013	110178	14585	110267
13614	111807	13785	111237	14014	110178	14587	110168
13616	113034	13786	112362	14024	110179	14589	110168
13618	112804	13787	112328	14029	110178	14592	110458
13622	111988	13788	111807	14030	110179	14594	110931
13623	112806	13789	113427	14037	111185	14597	112270
13625	112765	13790	113559	14040	110745	14605	111148
13636	113426	13792	113489	14049	110759	14609	110897
13637	111704	13793	112530	14050	111185	14610	110769
13639	111381	13797	112530	14052	110048	14611	111705
13640	111726	13798	113486	14057	110912	14615	110702
13641	113583	13800	112557	14061	111139	14643	111428
13642	113583	13801	112072	14071	110913	14647	110168
13644	113197	13802	112078	14088	111184	14648	110697
13645	112979	13803	112530	14129	110137	14650	110405
13646	111787	13804	113798	14131	110248	14652	110307
13648	113558	13805	113799	14152	110139	14655	112970
13649	113035	13814	111478	14181	110139	14659	112967
13650	111959	13815	112426	14182	113048	14660	112968
13655	111352	13816	111478	14184	110138	14661	111265
13656	111479	13818	111902	14189	110133	14663	110707
13657	111381	13819	111902	14194	110133	14666	110684
13658	111353	13822	113358	14213	110128	14667	110684
13661	112094	13823	113359	14214	110129	14668	113077
13664	111946	13824	113364	14223	110128	14671	110678
13667	113089	13825	113367	14231	110264	14674	110496
13673	113584	13827	113372	14241	110630	14678	110675
13674	113645	13828	113419	14242	110630	14679	111428
13675	113433	13832	112543	14243	110630	14680	111429
13677	113094	13834	113357	14249	110514	14683	110496
13679	111779	13838	111895	14255	110383	14684	110965
13680	111779	13839	111309	14267	110805	14687	112270
13682	113165	13842	113363	14268	110140	14690	110811
13692	111806	13846	112193	14273	113048	14698	110318
13700	111285	13847	113628	14282	111397	14700	110692
13701	111309	13849	113340	14293	110912	14706	110660
13702	111405	13850	112075	14294	111035	14718	110693
13703	111406	13851	112079	14295	110612	14719	110693
13707	110923	13852	111353	14297	111652	14720	110630
13708	113726	13853	112402	14299	110168	14723	111433
13709	112529	13854	113568	14303	110168	14725	112208
13710	111850	13870	113803	14306	110131	14726	112973
13712	112981	13873	113607	14307	110383	14729	110129
13713	113375	13880	113606	14327	110754	14730	110697
13718	111384	13882	112193	14329	110754	14739	110679
13719	112067	13884	113302	14342	110274	14755	110927
13723	111726	13889	113634	14375	110137	14756	110677
13724	113425	13900	113420	14390	112098	14757	110927
13725	112025	13901	111381	14391	111141	14758	110675
13727	112025	13902	112543	14392	111085	14779	110913
13728	113371	13903	111820	14394	110881	14782	111147
13729	111895	13911	113564	14395	111153	14783	111149
13734	112193	13917	113808	14396	112729	14789	111813
13735	113360	13920	113564	14401	111652	14792	111139
13738	113433	13921	112399	14402	111652	14797	110919
13739	113165	13922	113751	14408	110913	14810	110908
13742	113071	13923	113027	14410	110913	14812	112740
13743	113628	13930	112399	14412	111035	14813	112740
13744	113643	13931	113283	14415	111139	14818	111288
13745	113555	13932	113283	14418	110990	14820	111149
13746	113068	13933	112399	14421	110881	14821	111154
13747	113081	13935	113563	14427	112531	14824	110923
13750	112353	13938	113800	14430	111469	14825	112730
13751	112328	13942	112002	14432	113032	14842	110684
13752	112031	13944	113748	14433	113032	14843	110628
13753	111779	13945	113652	14436	110659	14844	110496
13754	111468	13946	111989	14446	113032	14848	110496
13755	113626	13947	112002	14449	110496	14849	111705
13756	113627	13948	113656	14456	113077	14852	110675
13760	113373	13951	113283	14457	113077	14855	111577
13763	113365	13952	113273	14461	113557	14857	110675
13764	113027	13959	113902	14502	110258	14858	110697
13766	113362	13966	113712	14510	110258	14859	112973

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
14860	112973	16450	110363	16756	110367	16960	113024
14875	112149	16458	110856	16758	110411	16962	111425
14882	110631	16463	112295	16771	110386	16963	111425
14892	111327	16464	111047	16773	110308	16965	111053
14893	111144	16466	110367	16774	110278	16966	110394
14895	111144	16484	111066	16775	110279	16967	110474
14900	112755	16488	110367	16780	110824	16969	110810
14905	112297	16499	110145	16781	110824	16971	111310
14910	111408	16500	110157	16790	110411	16973	113099
14913	113032	16514	110158	16791	111475	16975	112214
14916	110692	16522	110157	16793	110292	16977	111442
14921	111082	16524	110291	16794	110256	16978	111544
14931	110680	16530	111053	16795	110182	16980	111490
14932	113074	16531	111104	16797	110585	16984	112660
14935	113084	16532	111104	16798	111005	16990	113725
14937	113087	16533	110790	16799	110578	16993	110249
14938	113087	16534	110997	16802	113099	17000	110323
14942	110140	16539	110868	16805	110277	17005	112541
14944	111157	16543	110838	16806	112983	17006	111349
14949	110641	16546	110858	16807	112983	17007	111425
14955	111156	16548	110864	16817	111762	17009	111120
14960	112978	16563	111755	16822	111386	17010	110807
14969	111074	16566	111752	16823	110396	17011	110842
14970	111539	16578	110411	16824	111386	17013	111270
14979	111433	16579	110142	16825	110253	17019	110835
14986	111179	16583	110245	16827	110399	17020	111456
14988	112750	16584	110280	16828	113097	17025	111059
14989	111578	16586	110396	16829	110253	17027	110246
14995	111152	16589	110145	16830	110708	17028	110447
14997	111160	16593	110825	16831	110411	17030	111060
16121	111102	16595	110336	16833	110397	17034	111124
16122	111102	16597	110367	16839	111546	17035	111124
16133	110336	16598	110152	16840	111442	17037	112267
16184	110336	16605	110462	16843	110249	17038	111851
16186	110336	16606	110462	16845	111543	17040	112440
16191	112296	16608	110462	16849	111425	17043	110862
16194	110308	16612	110399	16850	111456	17044	111683
16197	110156	16614	110490	16853	110809	17046	113043
16201	110155	16616	111052	16854	111461	17047	111456
16203	110144	16617	111052	16856	113036	17057	111182
16205	110142	16619	111066	16857	110389	17059	111451
16207	110156	16629	111224	16858	110149	17068	111069
16209	110277	16635	111224	16859	110149	17070	111024
16210	110256	16637	110421	16863	110158	17071	111573
16211	110142	16645	110720	16864	110315	17072	110565
16215	110421	16647	110940	16866	110311	17073	110523
16216	110421	16650	110720	16873	113194	17074	110536
16217	110152	16657	110485	16877	110477	17075	110536
16218	110152	16658	110627	16881	113131	17077	112660
16220	110396	16659	110529	16884	112214	17079	111276
16222	110152	16660	110438	16888	110295	17081	111275
16223	110154	16664	110818	16889	111451	17082	111456
16225	110154	16668	110818	16890	113024	17083	113102
16231	110154	16669	112136	16893	111446	17084	111764
16238	110152	16674	110411	16895	110709	17085	111114
16246	110308	16675	110411	16896	110581	17086	113478
16256	110826	16676	110290	16902	110312	17089	110355
16258	110421	16677	113095	16905	111442	17091	113103
16270	110477	16686	111100	16906	111458	17092	110522
16271	110156	16689	110997	16911	110145	17093	110813
16289	110868	16692	110341	16913	110312	17094	110533
16299	110869	16695	110774	16914	111442	17095	111755
16341	110771	16696	111451	16922	110149	17096	110947
16353	111054	16697	110771	16924	110182	17097	112178
16360	111054	16702	110367	16933	110810	17098	111021
16362	111052	16706	110411	16935	110415	17099	110485
16363	112249	16708	110149	16938	110315	17100	110626
16367	110997	16710	110485	16939	110811	17106	110525
16369	110537	16711	110277	16940	110158	17110	113668
16372	110531	16720	110311	16941	110315	17111	110529
16400	110367	16727	113095	16943	113399	17112	111004
16401	111058	16730	110295	16946	110720	17113	110530
16405	110870	16731	111451	16949	111112	17114	110530
16407	110868	16737	110260	16952	110771	17115	110940
16408	110865	16738	110311	16953	111106	17116	110938
16426	113845	16739	111683	16954	111054	17117	110486
16438	110364	16744	110578	16955	110774	17118	110437
16443	110341	16752	111109	16956	111010	17124	111055
16445	110368	16755	110367	16957	110368	17126	110813

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
17131	111241	17326	110530	17546	113402	17723	111451
17132	110810	17353	113429	17548	113114	17724	111900
17133	111246	17354	110421	17552	111490	17727	113243
17134	111059	17355	110245	17553	113106	17728	113392
17135	111489	17362	110942	17557	113229	17729	113398
17136	111001	17363	110245	17559	112846	17730	111347
17138	111120	17365	110962	17560	111396	17732	113040
17140	111400	17366	110399	17563	112816	17733	113038
17141	110933	17367	110938	17564	112301	17735	113242
17144	111063	17368	110820	17567	113229	17736	113587
17145	111023	17372	113725	17568	111242	17746	113629
17146	111459	17373	110934	17569	113136	17749	111349
17147	111312	17375	110485	17571	113241	17750	111900
17151	113508	17376	113203	17573	113116	17751	112321
17157	110587	17378	111028	17574	113240	17752	111817
17160	113022	17380	110941	17576	112819	17753	113749
17166	110394	17382	111087	17578	112276	17754	113618
17167	111241	17383	113681	17579	112582	17755	111900
17170	111552	17389	113725	17580	111312	17756	112013
17171	110713	17399	110961	17584	113118	17761	113638
17172	111557	17407	112309	17587	113399	17762	113521
17173	111557	17410	111851	17589	110961	17763	113020
17176	110572	17415	111748	17591	113398	17764	113020
17179	113041	17416	111749	17592	111970	17765	111730
17181	110808	17420	111551	17604	113230	17766	113616
17184	110640	17422	111556	17605	111765	17769	113170
17185	110811	17423	111682	17606	110246	17770	111848
17189	113168	17425	111485	17609	110436	17771	113394
17191	111370	17437	111108	17614	113429	17772	111971
17192	110810	17445	110810	17615	113237	17774	112367
17194	110394	17448	111242	17616	110944	17775	111242
17196	111763	17451	113615	17619	110940	17776	113392
17197	111492	17453	111865	17622	113172	17777	113244
17201	111543	17454	112985	17628	112546	17778	111769
17210	111456	17455	111473	17639	110439	17779	111382
17211	110158	17461	112845	17644	110443	17780	112005
17213	110158	17462	112489	17646	110462	17781	111909
17214	111305	17464	113023	17647	110465	17782	110847
17216	111456	17465	111492	17649	110615	17783	112300
17219	110640	17466	111764	17650	110460	17785	113120
17220	111241	17467	113044	17651	110460	17788	113619
17221	111242	17468	112897	17652	111346	17790	113613
17223	112131	17469	110810	17653	110819	17793	113620
17224	111751	17470	111311	17654	112670	17795	113046
17225	112308	17474	113026	17659	111001	17796	113638
17228	111752	17476	113614	17660	110438	17799	113047
17229	112135	17477	112844	17662	112215	17801	113733
17234	112052	17478	112844	17663	111865	17803	113630
17236	111911	17479	113614	17665	113175	17815	113648
17237	113170	17480	111552	17667	113122	17820	112429
17242	111454	17481	110713	17668	111784	17821	113613
17246	111608	17483	110713	17669	113170	17822	113613
17248	111182	17484	113222	17670	110847	17825	113810
17252	110323	17486	113169	17671	113119	17827	113659
17254	110712	17487	111551	17679	113665	17832	113775
17256	110713	17491	113508	17680	113434	17839	113642
17257	111793	17492	110249	17683	113045	17841	114419
17258	111791	17494	113096	17684	113037	17845	113704
17259	111681	17495	112033	17685	112368	17847	113617
17263	111544	17496	112214	17687	111550	17852	113282
17278	110154	17497	112553	17688	111312	17860	113815
17281	112295	17501	110811	17693	110312	17866	113618
17286	110507	17506	111241	17695	111382	17870	113821
17288	110958	17507	111241	17698	111851	17879	111349
17291	113141	17508	112818	17699	111347	17880	113730
17292	113214	17509	112986	17701	110587	17882	113642
17295	111312	17514	111311	17702	111911	17897	113820
17300	110552	17516	113111	17704	110808	17900	113392
17302	113428	17517	113113	17705	111865	17905	113818
17303	113132	17523	111783	17706	113170	17908	113819
17307	111885	17524	111556	17707	113119	17909	113795
17311	112036	17525	111556	17708	111306	17914	113819
17315	111404	17526	112213	17709	111307	17920	113513
17316	111047	17527	113025	17713	111382	17958	114137
17317	112342	17528	113108	17715	113244	18004	111197
17318	112041	17533	113169	17717	111552	18005	110999
17320	110527	17534	111550	17718	113504	18006	111000
17321	110212	17535	113174	17720	112459	18009	113596
17325	110529	17537	111679	17722	113646	18012	113597

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
18013	110485	18219	113408	18387	113534	23216	114187
18019	111021	18220	111219	18388	111218	23326	113903
18021	110999	18221	110538	18392	112116	23756	113537
18022	110347	18223	110209	18393	110214	23804	114121
18024	112074	18225	110539	18394	111272	23808	113904
18026	112555	18227	112074	18395	112177	23853	113710
18029	110529	18230	111855	18398	113551	30027	114185
18030	110517	18232	112071	18399	112010	30090	114478
18031	110517	18235	112542	18404	113734	30163	112290
18032	110520	18236	112173	18410	110411	30172	114307
18033	110518	18237	110519	18414	110447	30993	112340
18035	112175	18238	111300	18415	111915	32690	114144
18038	110347	18239	112323	18416	111918	32691	114237
18050	110573	18241	110576	18417	113211	32706	113678
18051	112374	18243	112342	18420	111917	33085	112336
18054	111731	18245	111913	18421	112011	112547	112547
18055	112373	18246	114169	18422	111755	174848	111370
18056	111098	18253	110208	18424	113207	177763	113020
18058	113191	18254	112670	18426	114197	196702	110774
18059	110616	18257	113850	18427	114400	14668L	113077
18061	110719	18261	110464	18436	111917	14683L	110681
18062	110616	18262	110459	18446	111839	150-349A	113814
18063	110444	18263	110444	18449	113132	16960D	113024
18064	110412	18264	110462	18455	113983	16960M	113024
18065	111574	18273	113892	18460	111332	16975D	112214
18067	110820	18275	111197	18461	110814	16975M	112214
18074	110560	18276	111224	18462	110519	17491D	113023
18078	110656	18277	110356	18467	112249	17491M	113508
18083	110556	18278	111136	18470	112034	1787-0	113821
18085	111019	18279	111534	18480	110545	182-243	111641
18086	111212	18280	110723	18485	113735	3508M	110216
18090	110521	18284	110723	18486	113727	3510M	110216
18091	110520	18285	110723	18490	114213	3631N-PG	110216
18092	110521	18287	113210	18490	114253	4*814	112089
18093	110518	18289	110565	18491	112676	7072-12	110238
18096	110182	18290	113408	18502	111029	7072-3	110238
18100	112649	18291	110412	18512	113663	7072-9	110238
18104	110656	18293	110573	18513	113231	7088-10	112836
18105	110556	18296	111559	18521	110656	7088-2	112838
18106	111050	18298	110573	18535	112544	7127-12	110233
18107	111020	18299	110412	18542	113669	7127-3	110233
18108	110557	18300	111836	18566	113736	7127-6	110505
18110	110617	18302	113494	18571	113550	7127-9	110505
18113	110210	18305	111840	18596	113538	7134-12	110235
18125	110568	18312	112659	18600	113538	7134-3	110235
18128	110556	18313	114261	18629	113828	7134-6	110235
18135	112503	18314	111766	18645	113528	7134-9	110235
18139	113696	18318	113661	18673	114103	7135M	110234
18141	110720	18319	112008	18727	113540	7137-12	110235
18142	110940	18324	110718	18737	113541	7137-3	110235
18144	110720	18327	111274	18753	113547	7137-6	110235
18145	113893	18328	111690	18754	113546	7137-9	110235
18146	110356	18329	111926	18756	113545	7145-6	110492
18147	110356	18330	112010	18870	113681	7150-72	110505
18148	110246	18331	113527	18886	114182	7154-12	110505
18151	111387	18332	111922	18940	113655	7157M	112448
18154	111197	18335	111924	18941	113654	7165-12	110075
18163	111272	18336	111927	18943	112173	7177-12	110505
18171	111273	18337	111921	18944	113670	7178-3	110505
18175	110940	18338	111925	18949	112534	7185-12	110233
18180	110490	18339	111923	18951	113181	7185-3	110504
18181	110474	18340	111928	18954	113900	7186-12	110505
18183	111189	18341	111920	18955	114021	7186-3	110505
18186	110260	18343	113429	18973	114479	7198-12	110505
18190	110580	18350	112246	18982	113208	7199-12	110505
18193	111393	18358	110856	18984	113723	7272-12	110233
18194	111254	18360	111851	18985	113732	7272-3	110505
18195	113454	18360	112440	19162	114485	7272-6	110508
18197	113239	18361	112442	19614	114224	7272-9	110508
18198	113172	18365	112172	19668	111015	7273-12	110471
18201	110485	18369	112034	19669	111015	7273-3	110471
18203	112478	18371	110524	19670	111015	7273-3R	110508
18204	112374	18375	110210	19869	114165	7273-6	110508
18205	110485	18376	110980	19906	111683	7273-9	110471
18206	112674	18377	112119	19917	114168	7273-9R	110508
18207	110417	18378	110532	19948	114017	7273-R	110508
18209	111706	18379	110535	19963	113985	7282-3	110233
18210	113408	18381	110523	20150	112151	7282-9	110505
18216	110485	18386	111793	22169	114129	7287-12	112988

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
7290-12	110492	7933-11	110503	272-905	110464	23597	110178
7290-3	110492	7937-11	112858	375-850	112391	23598	110178
7290-6	110492	7937-7	110724	757-21700	112545	23600	110179
7290-9	110492	7938-7	110724	757-26450	113459	23602	110178
7292-3	110471	7939-3	111389			23603	110178
7292-3R	110471	7944-11	112337			23605	110178
7292-9	110508	7964-11	111220	<b>LOMBARDINI</b>		23606	110178
7292-9R	110471	7964-7	111220	11572610	111662	23609	110179
7294-12	110471	7966-2	112883	58101330	111015	23610	110178
7294-3	110471	7969-2	112882	58401910	114053	23611	110179
7294-6	110471	7974-7	110985	58401940	111015	23612	110178
7294-9	110471	7977-11	110502	58401990	114052	23614	110178
7294-R	110505	7981-7	110500	58402090	114052	23616	111184
7705-12	112914	7984-2	112885	58402180	113706	23616	111185
7716-10	112835	8103-7	111220	58402230	112034	23617	111185
7716-2	112837	8105-2	112885	58402240	112172	23618	111184
7716-0E	112835	8112-5	112884	563R0780	114105	23619	111184
7719-12	112914	8114-3	111854			23620	110178
7732-10	112841	8127-11	112886	<b>LUCAS</b>		23621	110178
7732-2	112839	8130-11	110499	22250	110482	23622	111185
7735-10	111252	8132-2	112883	22255	110483	23623	110178
7735-2	112842	8137-11	111390	22258	110482	23624	110179
7744-10	112917	8144-2	112885	22259	110483	23625	110178
7744-2	112840	8156-3	111392	22272	110482	23626	110179
7745-2	112916	8158-5	113160	22272	110482	23627	110178
7746-2	112843	8160-11	111223	22295	110482	23629	110179
7749-11	112929	8160-5	112613	22297	110482	23630	110178
7749-3	112928	8160-7	112614	22615	110512	23631	110179
7755-11	112922	8165-11	110500	22700	110482	23632	110179
7755-3	112923	8165-3	111711	22703	110483	23632	110178
7756-3	112924	8165-7	110500	22704	110482	23634	110178
7756-7	112926	8166-11	111090	22705	110482	23635	110178
7778-11	112935	8167-11	112644	22708	110483	23636	110178
785-3	112928	8169-7	111388	22715	110482	23637	110178
7801-7	111486	8171-7	112642	22717	110482	23640	110178
7802-11	110984	8172-7	112888	22719	110483	23641	110179
7802-3	110984	8175-11	113502	22725	110482	23642	110178
7802-7	110502	8179-7	112859	22725	110482	23643	110178
7804-11	110502	8188-11	112980	22733	110483	23644	110179
7806-2	112880	8189-7	112643	22742	110482	23644	110179
7807-11	112126	8193-5	112892	22747	110482	23645	110179
7808-3	112449	8194-7	112894	22748	110482	23646	110179
7817-3	110724	8196-7	112888	22754	110482	23647	110178
7819-11	110503	8200-11	112615	22756	110484	23648	110178
7820-11	112126	8201-5	112884	22758	110484	23649	110178
7830-3	110471	8203-5	112893	22761	110484	23650	110178
7830-3R	110471	8204-11	112875	22762	110484	23651	110178
7830-9	110471	8206-5	111712	22764	110484	23652	110179
7853-6	111713	8208-2	112616	22765	110482	23653	110179
7854-9	110235	8211-5	112893	22767	110482	23654	110179
7858-11	110498	8216-5	113005	22769	110484	23655	110179
7859-7	111388	8217-3	111854	22775	110482	23656	110179
7860-7	111388	8219-5	112893	22780	110483	23657	110179
7861-11	112640	8226-11	112873	22785	110482	23658	110178
7861-7	110500	8227-5	111712	22788	110483	23659	110179
7864-11	112878	8228-7	112868	22789	110482	23660	110178
7864-5	112877	8230-7	112869	22791	110483	23661	110178
7867-11	110498	8231-5	112665	22792	110484	23662	110178
7873-11	112855	8240-7	112869	23544	110178	23663	110179
7880-11	110499	8246-5	113005	23548	110178	23664	110178
7880-3	111202	8248-11	112874	23554	110178	23665	110179
7880-7	111388	8249-7	112872	23562	110178	23666	110178
7884-11	112640	M201124	112860	23565	110178	23667	110969
7886-11	110503	M20233	112932	23566	110178	23668	110178
7888-11	111090	AELB710	111569	23568	110179	23673	111184
7888-7	111090	AELD021	113760	23569	110178	23674	110178
7890-11	110984	AFLF189	113760	23570	110178	23675	110179
7897-11	110986	6000309	110210	23573	111185	23676	110178
7902-11	110986	6000970	114438	23574	110179	23677	111185
7908-7	112632	6001075	110206	23575	110178	23678	110178
7910-3	111389	6104073	112747	23576	110179	23679	110178
7911-5	112877	6104080	110210	23581	110178	23680	113574
7914-11	111220	6200662	110523	23582	110969	23683	111184
7917-11	110985	6200827	113464	23583	110179	23684	111185
7921-11	110500	6201367	110766	23584	110178	23685	110178
7921-3	111711	6201369	110766	23585	110179	23686	110968
7921-7	112338	6641	112603	23590	110178	23687	110179
7923-11	112858	8231	112665	23591	110179	23690	110179
7925-11	110985	202-34960	110464	23592	110179	23691	111185
				23593	110178	23692	111184
				23595	110178	23693	111185
						23694	110178

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23695	110178	23786	110969	23909	110178	24045	110968
23696	110969	23793	110179	23910	110179	24046	110891
23697	113378	23794	110179	23911	110178	24048	110179
23699	110178	23795	110178	23912	110179	24049	113574
23700	110178	23796	110178	23914	110178	24051	110178
23701	110179	23797	110178	23915	110178	24052	110178
23702	111184	23799	110178	23916	110179	24054	111289
23703	110178	23800	110179	23917	110179	24058	110178
23704	110179	23801	110179	23918	110178	24059	110179
23706	110178	23802	110178	23919	110178	24061	111185
23707	110179	23804	110178	23920	110178	24062	111086
23708	110178	23805	110178	23921	110179	24063	110968
23709	111185	23806	111185	23922	110179	24064	110969
23711	110178	23807	113378	23923	110179	24065	111185
23712	110179	23808	111185	23924	111185	24066	111184
23713	110178	23809	111184	23925	111185	24067	113474
23714	110178	23810	111184	23926	111184	24071	110968
23715	110178	23811	111185	23927	111184	24072	113378
23716	110178	23813	110178	23928	111184	24079	113378
23717	110178	23814	113378	23929	111289	24082	111185
23718	110178	23816	110178	23935	110969	24083	111184
23719	111185	23818	110179	23937	113474	24087	111948
23720	111184	23819	110179	23938	113474	24089	111289
23721	111185	23820	110179	23939	110179	24090	113474
23723	110969	23821	110178	23940	110179	24091	110891
23724	110178	23822	110179	23941	110179	24094	110178
23725	110179	23823	110178	23942	110178	24095	110178
23726	110178	23824	110179	23943	113474	24098	111289
23728	110178	23825	110178	23944	110178	24099	111185
23729	110179	23826	110969	23945	111185	24103	110178
23730	110178	23827	110178	23946	111185	24108	110179
23731	110178	23828	111184	23947	111184	24112	111289
23734	110178	23830	113378	23948	110179	24114	111184
23735	110178	23831	110178	23949	110179	24118	111086
23736	110179	23832	110968	23950	110179	24119	111364
23737	111185	23833	113474	23951	110179	24123	111948
23738	111184	23835	111948	23952	110179	24124	110107
23739	113378	23837	110178	23953	110179	24128	111289
23740	113378	23838	110178	23954	110179	24133	110179
23741	110178	23839	111185	23959	110178	24134	111185
23742	110178	23840	110178	23960	110179	24136	111289
23743	110178	23841	111184	23961	111184	24137	111289
23745	110178	23842	111185	23962	110178	24139	110612
23747	110178	23843	110178	23963	110179	24140	110178
23748	110178	23844	110178	23968	110968	24141	110179
23749	110968	23845	113378	23973	110178	24144	111289
23750	110178	23846	113378	23974	110178	24145	111364
23751	111185	23847	110178	23980	110612	24149	111086
23752	110179	23848	111185	23983	111185	24153	110179
23753	110178	23850	110178	23984	111184	24156	111364
23754	110179	23851	110178	23985	111185	24157	110770
23755	110178	23852	110179	23986	111204	24158	111355
23756	111185	23853	110178	23989	110178	24161	112238
23758	111184	23854	110179	23990	110178	24165	111289
23759	111185	23855	110178	23991	111204	24166	111204
23760	111184	23856	110179	23993	113378	24169	111366
23761	110178	23857	111184	23994	111185	24171	110641
23762	110178	23860	111184	23995	110968	24177	111364
23763	110179	23862	113474	23996	113474	24178	111364
23764	110968	23864	111086	23999	111204	24179	110178
23765	111185	23865	111948	24013	113474	24180	110179
23766	111185	23872	111184	24014	111204	24181	111289
23767	111185	23873	111185	24015	113474	24182	111184
23768	111184	23874	110178	24016	111204	24185	111185
23769	110178	23878	110178	24017	111204	24186	111740
23770	110179	23880	111948	24019	111948	24188	110607
23771	111185	23882	110968	24022	111948	24188	111754
23772	110178	23886	110178	24023	110179	24198	111366
23773	110179	23888	110726	24024	111185	24199	111289
23774	110178	23889	110178	24026	111185	24200	111364
23775	110179	23890	111185	24027	111086	24202	111355
23777	110178	23891	111185	24028	111184	24203	111035
23778	110178	23893	111185	24031	110968	24204	110107
23779	111185	23895	110178	24033	110107	24206	110891
23780	110179	23902	113474	24034	113474	24207	111176
23781	110179	23903	110178	24036	111185	24208	110770
23782	110178	23904	110178	24037	111289	24209	111355
23783	113474	23905	111184	24041	111078	24214	111035
23785	110968	23906	111184	24044	110969	24215	111362

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
24217	111176	25022	111103	26154	110439	26406	110565
24219	111366	25024	111103	26166	110464	26407	110461
24220	110891	25041	111103	26167	110818	26408	110460
24221	111176	25061	111103	26172	110465	26410	110565
24223	111368	25062	111103	26173	110818	26411	110819
24224	113622	25063	111103	26186	110439	26412	110439
24228	112238	25065	111103	26189	110462	26414	111346
24229	110891	25071	111102	26193	110438	26416	110459
24230	110607	25075	111102	26196	110443	26417	110525
24230	111754	25079	111103	26198	110442	26418	110443
24231	111368	25083	111102	26200	110439	26420	110459
24233	110891	25085	111103	26211	110462	26422	110443
24235	110968	25087	111103	26213	110462	26428	112660
24236	111360	25088	111103	26220	110439	26430	113380
24240	112238	25089	111102	26227	110462	26431	110465
24241	112238	25097	111103	26233	110439	26432	110545
24242	112238	25105	111102	26242	110545	26433	112660
24245	111355	25112	111102	26246	111573	26436	110460
24246	111363	25138	111103	26256	110440	26587	111131
24249	111362	25147	111102	26259	110440	26600	111131
24250	111740	25149	111103	26264	110439	26601	111131
24256	111363	25196	111102	26265	110465	26624	111053
24257	111741	25201	111103	26267	111865	26626	112536
24259	111176	25204	110336	26273	110819	26628	111030
24260	111364	25205	110336	26274	110565	26631	112390
24261	111362	25206	110831	26278	110818	26649	110831
24262	111364	25208	110336	26281	110442	26654	110831
24264	110607	25219	112390	26283	110443	26656	110831
24264	111754	25238	111102	26284	110545	26657	110831
24271	111360	25239	111103	26285	110817	26660	113346
24271	113920	25249	110336	26286	110464	26667	111303
24272	110770	25250	110831	26288	110438	26678	111131
24273	111739	25255	110831	26290	110813	26679	111131
24274	111740	25257	110363	26291	110462	26680	111030
24276	110770	25270	110336	26294	110615	26689	111750
24277	111362	25271	110336	26295	110460	26690	113346
24286	111361	25272	110336	26304	111573	26693	113346
24289	111362	25276	110831	26310	110817	26694	113346
24290	111738	25277	110831	26311	110465	26695	112141
24291	111355	25281	110831	26312	113380	26801	111865
24293	111623	25282	110771	26316	110462	26805	110842
24293	111742	25286	110363	26321	110440	26813	111608
24294	111355	25287	110840	26323	110565	26814	111303
24295	113623	25288	110831	26329	113380	26834	111608
24296	111364	25289	110336	26330	110462	26841	111608
24297	112238	25290	110840	26336	112660	26845	111608
24298	110770	25326	111053	26338	110462	26913	110867
24299	111569	25331	110831	26339	110462	26917	110818
24300	110770	25332	111053	26341	110465	26920	112277
24308	111741	25333	110831	26342	110545	26925	110462
24311	113625	25335	110336	26343	111573	26935	110867
24316	111743	25338	111053	26344	110819	26941	110867
24318	111289	25339	111118	26345	110565	26942	110867
24322	112722	25344	111053	26349	110459	26943	113752
24332	111364	25345	111102	26351	111573	26945	113752
24334	111176	25355	111117	26352	110462	26946	113752
24356	111355	25356	110831	26355	110461	27002	111030
24380	112238	25357	110336	26356	110461	27004	112141
24384	113623	25368	110831	26357	110615	27005	111131
24385	113623	25383	111053	26358	110460	27006	111131
24387	111355	25397	110337	26359	111737	27008	111053
24390	111355	25400	112536	26360	110465	27014	111131
24400	111740	25648	110336	26364	110462	27018	112390
24403	111176	25681	111865	26365	110819	27022	111303
24404	113624	25692	113745	26366	110565	27034	113346
24405	111368	25696	111865	26369	111737	27043	111303
24406	111569	25728	110840	26371	110444	27047	111303
24407	112722	25735	110868	26374	110460	27048	112536
24408	110770	25755	113745	26375	110443	27305	113484
24409	111368	25756	113745	26376	111573	27309	112670
24411	111361	26071	110818	26379	111499	27311	112670
24413	111569	26072	110465	26388	110461	27315	112670
24414	113623	26137	110462	26390	110813	27401	110814
24415	113623	26143	110818	26391	110439	27408	110439
24418	111361	26145	110439	26394	110640	27409	110439
24450	112722	26147	110462	26395	110462	27411	110442
24454	110770	26148	110443	26398	112136	27413	110818
24480	113763	26151	110442	26399	110462	27415	110442
25016	111103	26153	110464	26400	110444	27417	110443

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
27419	110464	27572	110565	47045933	112138	54022158	110891
27420	110438	27575	112660	47045934	112140	54022159	111176
27421	110439	27577	110461	47920141	112277	54022160	111362
27423	110818	27578	110565	47920166	112277	54022162	111176
27424	110817	27580	110819	54021350	111185	54022163	110770
27425	110441	27582	110819	54021351	111184	54022164	110770
27426	110462	27583	110565	54021491	110178	54022165	110178
27427	110817	27584	110819	54021493	110179	54022166	111366
27430	113381	27585	110615	54021494	110178	54022167	110770
27431	110444	27586	112660	54021506	111356	54022171	111035
27432	110439	27587	110545	54021551	111184	54022173	111356
27435	110443	27588	110615	54021649	110975	54022176	111355
27440	110640	27590	111346	54021663	110968	54022178	110770
27443	110459	27592	110615	54021757	110612	54022179	112238
27446	110440	27593	110819	54021764	111184	54022182	111362
27455	111109	27594	110565	54021772	110968	54022183	111364
27459	110439	27595	111574	54021810	110179	54022184	110891
27460	110441	27596	110615	54021813	110178	54022186	110770
27463	110818	27598	111346	54021831	110968	54022187	111176
27464	110442	27599	110565	54021845	110179	54022188	110770
27465	110464	27601	112136	54021850	110968	54022189	112238
27467	110443	27602	111346	54021851	112128	54022190	111356
27468	110440	27603	110615	54021853	110968	54022191	110770
27469	110439	27604	112660	54021868	110178	54022192	111176
27470	110439	27606	110565	54021873	111184	54022193	110770
27472	110443	27607	110615	54021879	111356	54022195	110770
27473	110442	27608	111346	54021879	113378	54022196	111366
27474	110439	27609	110615	54021898	110178	54022197	110891
27476	110464	27610	111346	54021917	110178	54022198	111176
27477	110442	27614	110462	54021918	110178	54022200	111355
27478	110443	27620	111346	54021919	111289	54022203	111368
27479	110442	27621	110615	54021920	110968	54022204	110770
27480	110439	27625	110615	54021921	111289	54022205	110612
27485	110442	27626	111346	54021953	110969	54022206	110612
27486	110443	27627	111346	54021955	111364	54022207	111366
27487	110442	27628	110615	54021985	110179	54022208	113622
27488	110439	27629	111346	54021986	110968	54022211	111362
27500	110462	26021103	110482	54021987	111184	54022212	110770
27501	110461	26021104	110483	54021988	110969	54022213	111364
27502	111737	26021117	112650	54021993	110178	54022214	111356
27504	113380	26021235	111185	54022001	113474	54022215	110612
27506	110615	26021276	113683	54022006	110178	54022216	110770
27507	113380	26024243	111184	54022007	113474	54022217	111356
27508	112660	26025115	113670	54022011	110179	54022218	111364
27510	110565	26251048	111385	54022014	110968	54022219	110770
27511	110465	26921046	111185	54022017	110178	54022220	112238
27512	110545	26925056	112163	54022032	110178	54022222	110607
27513	111573	35213725	110968	54022052	111364	54022223	111368
27515	110565	35213730	110969	54022053	111362	54022224	111368
27518	110615	35259690	111041	54022054	110968	54022225	110770
27519	110460	47020054	113713	54022057	110770	54022226	110770
27520	110615	47020055	112112	54022058	112238	54022227	111364
27522	110819	47020056	113713	54022059	111356	54022228	111366
27523	110565	47020057	112112	54022060	111176	54022229	110770
27524	110615	47020058	113713	54022083	110178	54022232	111176
27526	111573	47020059	112112	54022084	110179	54022233	110891
27528	111499	47020060	113714	54022090	111364	54022234	111356
27529	110565	47020061	111510	54022097	110968	54022235	111176
27531	110461	47020062	113713	54022101	111364	54022236	110891
27533	112136	47020063	113713	54022108	110770	54022238	110968
27537	110460	47020065	112112	54022109	110770	54022241	111362
27539	110565	47020067	112112	54022117	110770	54022242	110770
27540	110819	47020068	112112	54022118	110770	54022243	111289
27541	111346	47020069	113713	54022119	111364	54022244	110770
27543	110459	47020083	111510	54022123	111364	54022245	110770
27545	110459	47020084	112112	54022127	111364	54022246	111366
27546	110819	47020086	112112	54022128	111364	54022247	111368
27547	111346	47020088	112112	54022130	110607	54022248	110607
27553	113380	47020089	112112	54022137	110969	54022251	111176
27554	110465	47044605	112317	54022140	112238	54022254	111738
27556	112660	47044606	112318	54022142	111362	54022255	110770
27559	110460	47044608	112317	54022143	110770	54022256	112238
27564	111574	47044616	112317	54022145	111366	54022257	110612
27565	111346	47044617	112318	54022146	110612	54022260	110612
27567	110461	47045811	112138	54022147	111289	54022261	110968
27568	111346	47045812	112140	54022148	111364	54022262	110770
27569	110462	47045911	112138	54022151	111364	54022263	110770
27570	110615	47045912	112140	54022152	111364	54022264	111366
27571	110819	47045928	112140	54022154	110612	54022265	111366

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
54022266	111364	54022418	111356	54022579	111355	60021026	110975
54022267	112238	54022419	110891	54022580	112722	60021040	110968
54022268	112238	54022420	111148	54022581	111356	60021041	110969
54022274	111366	54022425	111367	54022582	111742	60021054	110972
54022275	111176	54022425	111743	54022583	111623	60021055	110972
54022277	110770	54022426	110770	54022583	111742	60021056	110972
54022279	110891	54022427	110612	54022584	111176	60021061	110969
54022280	110770	54022428	111355	54022585	111176	60021062	110968
54022281	111176	54022429	111367	54022586	111364	60021063	110975
54022282	110770	54022429	111743	54022588	111623	60021065	110969
54022283	110891	54022431	110770	54022588	111742	60021066	110968
54022285	111356	54022432	110770	54022589	111368	60021067	110975
54022286	110968	54022437	112722	54022590	110770	60021068	110975
54022287	111176	54022438	110770	54022591	112238	60210158	110968
54022290	111176	54022439	110770	54022593	111364	60210159	110969
54022291	111356	54022443	112718	54022595	111356	60210160	110969
54022292	111363	54022445	110770	54022597	111360	60210163	110968
54022295	110770	54022448	111368	54022598	111362	60210164	110968
54022301	110607	54022449	111368	54022600	111741	60210165	110968
54022301	111754	54022450	111360	54022601	111741	60210167	110968
54022303	111360	54022458	110770	54022602	111176	60921028	110969
54022305	111360	54022459	112021	54022603	110891	60921029	110968
54022306	110770	54022466	113763	54022604	110891	60921030	110968
54022307	111360	54022468	112324	54022606	113763	60921031	110969
54022308	111361	54022469	113763	54022608	111361	61920107	111184
54022309	111176	54022474	111176	54022610	111623	61920201	113376
54022310	111363	54022481	111363	54022610	111742	61920269	110890
54022312	111176	54022483	110770	54022614	111176	61920270	110882
54022313	111356	54022495	111623	54022615	111623	61920271	112097
54022314	111176	54022495	111742	54022616	110770	61920275	111418
54022317	111176	54022498	112021	54022617	111368	61920286	113378
54022322	111741	54022510	112238	54022619	111569	61920287	111184
54022323	111741	54022512	111754	54022620	111289	61920289	111184
54022330	111176	54022513	110607	54022621	110770	61920310	111738
54022335	111362	54022514	111176	54022623	110770	61920311	111289
54022336	111739	54022515	111754	54022625	110770	61920312	110759
54022337	111740	54022516	110607	54022626	113623	61920314	111289
54022338	110630	54022516	111754	54022628	111738	61920315	111086
54022340	110891	54022517	111368	54022639	111355	61920316	111086
54022341	110770	54022518	111368	54022642	111355	61920334	112128
54022342	111356	54022519	111368	54022646	112238	61920335	112205
54022344	110891	54022521	113914	54022647	111355	61920400	111086
54022346	111176	54022524	113763	54022652	111176	61920401	112128
54022348	110770	54022525	113623	54022653	111361	61924015	110813
54022349	110770	54022527	112718	54022654	111361	61924031	110518
54022351	110607	54022528	112722	54022656	112722	61924050	110536
54022351	111754	54022529	112722	54022662	111361	61924051	110523
54022373	111754	54022530	112722	54022663	112238	61924066	110813
54022374	110607	54022532	112722	54022664	111361	61924100	110809
54022374	111754	54022536	110770	54022665	113624	61924101	110315
54022375	111361	54022537	111623	54022668	111362	66021101	110972
54022377	113622	54022537	111742	54022686	110770	66021113	110968
54022378	111741	54022538	111754	54022689	111623	66021121	110357
54022379	111738	54022539	111754	54022689	111742	66021147	110107
54022381	110612	54022547	111623	54022692	113622	66021148	110971
54022382	111355	54022547	111742	54022693	113624	66021149	110972
54022383	110770	54022549	112698	54022695	111362	66021152	110975
54022384	110770	54022552	112238	54022700	111368	66921126	110497
54022385	111364	54022554	110770	54022701	111360	66925191	112390
54022388	110891	54022555	111623	54022708	111623	004001C01	113683
54022389	111356	54022555	111742	54022708	111742	1-2507-01ND	113803
54022390	111738	54022556	111623	54022711	111569	22703K	110483
54022391	110968	54022557	111623	54022716	111176	22703M	110483
54022392	110770	54022557	111742	54022740	111362	22704H	110482
54022393	112238	54022558	110607	54022746	112722	22704L	110482
54022394	111623	54022558	111754	54022747	111368	22704O	110482
54022394	111742	54022559	111360	54022751	112722	22705F	110482
54022396	111623	54022560	112722	54022752	111355	22705L	110482
54022396	111742	54022561	112722	54022754	111368	22715E	110482
54022397	113623	54022564	111623	54022789	111738	22715K	110482
54022398	110770	54022564	111742	54022803	111362	22719H	110483
54022400	111360	54022565	111623	54055205	111360	22719J	110483
54022401	111366	54022565	111742	54292967	112277	22733E	110483
54022402	111368	54022569	111754	57020057	112112	22733J	110483
54022408	111355	54022572	111289	60021011	110968	22762E	110484
54022409	110770	54022574	113624	60021012	110969	22765B	110482
54022410	111356	54022575	111623	60021013	110968	23548A	110178
54022414	110770	54022575	111742	60021014	110968	23548D	110178
54022415	111569	54022578	111569	60021015	110969	23548E	110178

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23565A	110178	26259K	110440	26349B	110459	27309E	112670
23566A	110178	26259L	110440	26349D	110459	27311A	112670
23568A	110179	26259N	110440	26349H	110459	27311E	112670
23570A	110178	26281A	110442	26357A	110615	27311H	112670
23570B	110178	26281E	110442	26357B	110615	27315A	112670
23572A	110179	26281F	110442	26357E	110615	27315B	112670
23572B	110179	26281J	110442	26357R	110615	27315E	112670
23572D	110179	26281R	110442	26359A	111737	27409A	110439
23763A	110179	26283A	110443	26359B	111737	27409B	110439
23980A	110612	26283F	110443	26359F	111737	27409D	110439
23980B	110612	26283H	110443	26366A	110565	27413A	110818
23985A	111185	26283K	110443	26366F	110565	27415A	110442
23986A	111204	26284E	110545	26369A	111737	27415B	110442
24036A	111185	26285A	110817	26369H	111737	27415D	110442
24058A	110178	26285E	110817	26369J	111737	27419A	110464
24059A	110178	26285F	110817	26371A	110444	27419D	110464
24061A	110178	26286A	110464	26371D	110444	27420A	110438
24061B	110178	26286E	110464	26371E	110444	27420B	110438
24063A	110968	26286F	110464	26371F	110444	27423A	110818
24063D	110968	26286H	110464	26375A	110443	27424A	110817
24065A	111185	26286J	110464	26375D	110443	27424B	110817
24072A	111356	26288A	110438	26376A	111573	27425A	110441
24072B	111356	26288E	110438	26376K	111573	27425B	110441
24079A	113378	26288F	110438	26376L	111573	27427A	110817
24087B	111948	26294A	111737	26379A	111499	27427E	110817
24112A	111289	26294B	111737	26379F	111499	27430A	113381
24134A	111185	26294D	111737	26390A	110813	27430B	113381
24157D	110770	26294E	111737	26390B	110813	27431A	110444
24157F	110770	26294F	111737	26390E	110813	27431B	110444
24181A	111185	26294N	111737	26391A	110439	27435A	110443
24185A	111184	26294Q	111737	26398A	112136	27440A	110640
24206A	110891	26295A	110460	26398F	112136	27440B	110640
24206B	110891	26295B	110460	26400A	110444	27446A	110440
24207A	111176	26295D	110460	26400B	110444	27459A	110439
24214A	111035	26295E	110460	26400D	110444	27460A	110441
24217A	111176	26295F	110460	26408A	110460	27460B	110441
24221A	111176	26295M	110460	26408D	110460	27463A	110818
24235A	110968	26304A	111573	26408E	110460	27463D	110818
24235B	110968	26304B	111573	26408E	110460	27468A	110440
24235D	110968	26304D	111573	26410A	110565	27468B	110440
24246A	111363	26305A	113380	26410B	110565	27469A	110439
24261A	111362	26305B	113380	26411A	110819	27470A	110439
24273A	111739	26305D	113380	26411B	110819	27470B	110439
24274A	111740	26305H	113380	26412A	110439	27474A	110439
24295B	113623	26305J	113380	26414A	111346	27474B	110439
24327A	111363	26305N	113380	26414E	111346	27500A	110462
24334A	111176	26310A	110817	26428A	112660	27500J	110462
24356A	111355	26310D	110817	26430A	113380	27502A	111737
25024044A	110441	26310E	110817	26430D	113380	27502D	111737
25092D	111103	26310F	110817	26431A	110465	27504A	113380
25281B	110831	26310H	110817	26431B	110465	27504B	113380
25648A	110336	26310H	110817	26436A	110460	27506A	110615
25648K	110336	26321A	110440	26436B	110460	27506D	110615
25735A	110868	26321B	110440	26814A	111303	27507A	113380
25735E	110868	26321D	110440	26814B	111303	27507B	113380
26024033A	113478	26321F	110440	26814D	111303	27510E	110565
26024070A	113670	26323A	110565	26921168A	113683	27511A	110465
26025009B	110615	26329A	113380	26925121A	112164	27513A	111573
26025016A	110368	26329B	113380	26925155A	110462	27518A	110615
26025110A	111574	26329D	113380	26925155B	110462	27518B	110615
26025115A	113670	26329K	113380	26925159A	111310	27518E	110615
26025117A	110523	26329L	113380	26925159A	111310	27519A	110460
26025128A	110442	26341A	110565	26925159E	111310	27519D	110460
26025136A	110524	26341B	110465	26925188A	110438	27520A	110615
26025198A	110440	26341D	110465	26925188D	110438	27520D	110615
26143A	110818	26341J	110465	26925189A	110439	27522D	110819
26148A	110443	26342A	110545	26925189D	110439	27523A	110565
26148F	110443	26342B	110465	26925193A	110565	27523D	110565
26148H	110443	26342D	110545	26925194A	110443	27526D	111573
26148N	110443	26342K	110545	26925194D	110443	27533A	112136
26196A	110443	26342L	110465	26925194D	110443	27533E	112136
26196B	110443	26343A	111573	26925196A	111346	27537A	110460
26211A/L	110462	26343B	111573	26925198A	110440	27537B	110460
26220A	110439	26343D	111573	26925198D	110440	27539A	110565
26246A	111573	26343K	111573	26925200A	110441	27539F	110565
26246E	111573	26345A	110565	26925240A	110421	27540A	110819
26246L	111573	26345B	110565	26925316A	110615	27540H	110819
26246M	111573	26345D	110565	26925519A	110565		
26259A	110440	26345J	110565	26935D	110867		
		26349A	110459	27301K	112670		
				27309A	112670		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
27541A	111346	LEA0013	113378	LEA0191	110349	LES0036	110518
27541D	111346	LEA0015	110890	LEA0199	111710	LES0037	110813
27543A	110459	LEA0016	112097	LEA0201	113518	LES0038	110536
27543D	110459	LEA0017	111418	LEA0204	111339	LES0039	110523
27546A	110819	LEA0028	111184	LEA0214	112334	LES0040	110615
27546B	110819	LEA0029	110882	LEA0215	113213	LES0041	111346
27553A	113380	LEA0030	111364	LEA0216	113438	LES0043	110565
27553D	113380	LEA0031	111364	LEA0217	112230	LES0044	110565
27554A	110465	LEA0032	111738	LEA0248	113715	LES0067	111982
27554B	110465	LEA0033	110770	LEA0405	113656	LES0087	112822
27559A	110460	LEA0034	111289	LEA0437	112112	LES0088	112103
27559E	110460	LEA0035	111355	LEA0438	113713	LES0089	111442
27564A	111574	LEA0036	111355	LEA0439	111510	LES0091	113134
27564F	111574	LEA0037	110891	LEA0440	113714	LES0092	111996
27565B	111346	LEA0038	112238	LEA0441	112237	LES0095	112322
27565D	111346	LEA0039	110607	LEA0451	110882	LES0102	111690
27568A	111346	LEA0040	111743	LEA0452	110804	LES0106	111971
27570A	110615	LEA0041	110607	LEA0454	112468	LES0113	112374
27570B	110615	LEA0042	111623	LEA0455	113407	LES0121	110412
27571A	110819	LEA0043	111366	LEA0456	112199	LES0128	112251
27571B	110819	LEA0044	111289	LEA0457	113245	LES0130	112320
27572A	110565	LEA0045	111035	LEA0458	111718	LES0135	110941
27572B	110565	LEA0046	110891	LEA0459	113253	LES0140	110490
27577A	110461	LEA0047	110891	LEA0463	112058	LES0141	113129
27583A	110565	LEA0048	111176	LEA0464	113405	LES0144	111550
27593A	110819	LEA0049	111176	LEA0467	113722	LES0152	113237
27627B	111346	LEA0050	111741	LEA0468	111626	LES0169	111730
2871A152	112112	LEA0052	111741	LEA0475	113720	LES0174	111748
2871A157	112112	LEA0055	111362	LEA0476	112471	LES0177	112367
40001C01	113683	LEA0056	111176	LEA0493	113640	LES0179	110720
529965EX	112660	LEA0057	112722	LEA0495	111658	LES0186	112172
54022314B	111176	LEA0058	112722	LEA0496	111631	LES0202	111760
A0828	112097	LEA0059	111368	LEA0527	112098	LES0221	112227
A0924	110766	LEA0060	112722	LEA0539	113751	LES0226	113195
A1752-2	112880	LEA0061	110891	LEA0540	112461	LES0227	111508
A1758-11	112878	LEA0062	111360	LEA0545	113956	LES0228	111241
A1758-5	112877	LEA0063	111360	LEA0553	113657	LES0230	110813
A1767-5	112884	LEA0064	113622	LEA0588	111514	LES0232	113797
A1768-2	112885	LEA0065	111368	LEA0590	112097	LES0232	113797
A1771-2	112882	LEA0066	111363	LEA0591	112142	LES0237	111047
A1772-2	112883	LEA0067	111361	LEA0592	113316	LES0242	113020
A1775-7	112888	LEA0068	111361	LEA0593	111686	LES0246	113933
A1776-11	112886	LEA0069	111361	LEA0610	111418	LES0264	111909
A1785-11	112858	LEA0070	111361	LEA114	113622	LES0281	110447
A1785-7	110724	LEA0073	113376	LEA121	111740	LES0282	114268
A1856-11	110984	LEA0074	111362	LEA437	112112	LRA00100	110178
A1919-10	112841	LEA0086	111368	LEA438	113713	LRA00100	111185
A1919-2	112839	LEA0106	111309	LEA439	111510	LRA00101	110179
A1920-10	112917	LEA0107	112128	LES0001	111573	LRA00101	111184
A1921-2	112840	LEA0108	112205	LES0002	110465	LRA00102	110178
A1922-1	112922	LEA0109	111569	LES0003	110817	LRA00102	110968
A1924-10	112835	LEA0111	111740	LES0004	110443	LRA00103	111185
A1926-2	112916	LEA0112	111355	LES0005	110440	LRA00104	110179
A1931-12	112921	LEA0113	113624	LES0006	110545	LRA00104	110969
A1933-9	112938	LEA0115	113623	LES0007	110464	LRA00105	110179
A8203	112970	LEA0116	113625	LES0008	110818	LRA00105	111184
A8230	112975	LEA0117	110770	LES0009	111737	LRA00106	110178
A8231	112971	LEA0120	111739	LES0010	110460	LRA00106	111185
A8244	112972	LEA0121	111740	LES0011	110442	LRA00107	110128
A8313	110675	LEA0124	110770	LES0012	110438	LRA00109	113378
A8317	111432	LEA0128	111356	LES0013	110565	LRA00110	111178
A8318	111578	LEA0129	111176	LES0014	110640	LRA00110	112775
A8331	113495	LEA0131	111176	LES0015	110439	LRA00112	110178
A8332	113496	LEA0132	111741	LES0016	110615	LRA00112	110357
A8432	113463	LEA0133	111742	LES0017	110462	LRA00112	110726
A8520	110659	LEA0134	111355	LES0019	110565	LRA00112	110975
A8720	110684	LEA0139	111368	LES0020	110444	LRA00112	111652
A8814	112974	LEA0140	111361	LES0021	110819	LRA00112	111653
LEA0001	111185	LEA0163	111797	LES0022	110459	LRA00112	113758
LEA0002	111184	LEA0164	111280	LES0023	110460	LRA00113	110179
LEA0003	111184	LEA0165	112076	LES0024	111346	LRA00113	111184
LEA0004	111289	LEA0166	112159	LES0025	110465	LRA00118	110179
LEA0005	110759	LEA0167	112757	LES0026	113380	LRA00118	111184
LEA0006	111086	LEA0168	111987	LES0029	111499	LRA00122	111356
LEA0007	111086	LEA0169	111834	LES0030	112136	LRA00122	113378
LEA0009	111948	LEA0170	110349	LES0031	113381	LRA00123	110743
LEA0010	111185	LEA0171	110350	LES0033	110441	LRA00127	110179
LEA0011	111289	LEA0173	112151	LES0034	110461	LRA00127	110969
LEA0012	113378	LEA0189	111579	LES0035	111574	LRA00129	110968

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA00129	111185	LRA00269	110912	LRA00357	111086	LRA00448	110920
LRA00131	110968	LRA00269	111138	LRA00358	110178	LRA00448	112728
LRA00131	113474	LRA00270	110612	LRA00358	110179	LRA00451	110913
LRA00131	113574	LRA00270	111035	LRA00358	110969	LRA00451	111355
LRA00132	110178	LRA00270	111085	LRA00358	111086	LRA00452	110168
LRA00134	110360	LRA00270	111148	LRA00358	111184	LRA00452	110307
LRA00134	110913	LRA00271	111180	LRA00358	111289	LRA00455	112751
LRA00134	111083	LRA00272	111166	LRA00358	111366	LRA00456	110890
LRA00134	112763	LRA00272	111178	LRA00359	110612	LRA00456	110912
LRA00137	110611	LRA00273	110178	LRA00359	110968	LRA00458	111144
LRA00137	110882	LRA00274	110178	LRA00359	111185	LRA00458	111322
LRA00137	110890	LRA00274	110179	LRA00359	111289	LRA00459	110890
LRA00142	110137	LRA00274	110759	LRA00359	111362	LRA00459	111620
LRA00142	110138	LRA00274	110969	LRA00360	113474	LRA00460	110770
LRA00142	110258	LRA00274	111185	LRA00361	111948	LRA00460	111362
LRA00142	110374	LRA00274	111289	LRA00370	110318	LRA00461	110770
LRA00143	110360	LRA00275	110178	LRA00371	110405	LRA00461	110968
LRA00146	110611	LRA00275	110968	LRA00372	110969	LRA00461	111355
LRA00146	111138	LRA00275	111289	LRA00372	111086	LRA00462	110770
LRA00147	111184	LRA00277	110968	LRA00373	110969	LRA00462	111362
LRA00152	110891	LRA00277	113574	LRA00374	110969	LRA00462	111364
LRA00152	110968	LRA00278	110968	LRA00374	111086	LRA00462	112722
LRA00154	111096	LRA00278	111289	LRA00374	111364	LRA00463	111176
LRA00159	110745	LRA00281	110975	LRA00375	110759	LRA00463	112238
LRA00162	110349	LRA00284	110745	LRA00375	110968	LRA00464	110612
LRA00167	110137	LRA00285	110744	LRA00375	111086	LRA00464	111035
LRA00167	110138	LRA00289	110754	LRA00375	111289	LRA00464	111148
LRA00167	110139	LRA00290	110754	LRA00375	111362	LRA00465	110920
LRA00167	110274	LRA00290	110920	LRA00376	110770	LRA00469	111364
LRA00175	110138	LRA00292	110913	LRA00376	111289	LRA00471	110907
LRA00177	110969	LRA00292	111083	LRA00376	111362	LRA00471	111076
LRA00177	111176	LRA00296	110357	LRA00376	111364	LRA00473	111072
LRA00190	110611	LRA00296	110880	LRA00376	113574	LRA00473	111172
LRA00190	110912	LRA00296	110911	LRA00378	111289	LRA00474	111072
LRA00190	110991	LRA00296	112149	LRA00381	110891	LRA00474	111528
LRA00190	111138	LRA00296	113758	LRA00381	110968	LRA00474	111658
LRA00190	111620	LRA00299	110759	LRA00382	112128	LRA00474	113477
LRA00190	112719	LRA00300	110357	LRA00384	110168	LRA00481	110693
LRA00192	110138	LRA00300	110726	LRA00386	110052	LRA00481	112970
LRA00193	111138	LRA00300	110911	LRA00386	110112	LRA00485	112208
LRA00198	110971	LRA00300	111652	LRA00386	110127	LRA00489	110672
LRA00199	110899	LRA00300	111653	LRA00386	110902	LRA00490	110660
LRA00199	111035	LRA00301	110357	LRA00386	111528	LRA00495	110891
LRA00199	111180	LRA00301	110767	LRA00386	112784	LRA00496	111176
LRA00202	111086	LRA00301	110975	LRA00388	111369	LRA00499	110805
LRA002043	111495	LRA00301	111652	LRA00390	111171	LRA00501	110805
LRA00205	110129	LRA00301	111653	LRA00392	111289	LRA00506	110972
LRA00207	111166	LRA00304	111144	LRA00393	110916	LRA00506	111168
LRA00208	110077	LRA00307	110912	LRA00393	111075	LRA00506	111800
LRA00208	110925	LRA00307	111138	LRA00394	110693	LRA00506	112056
LRA00208	111767	LRA00307	112768	LRA00396	110877	LRA00507	110921
LRA00208	111841	LRA00313	111166	LRA00396	112310	LRA00509	110975
LRA00208	111891	LRA00313	111187	LRA00397	111325	LRA00510	111171
LRA00220	111948	LRA00313	111467	LRA00397	112756	LRA00514	111620
LRA00226	111185	LRA00313	111656	LRA00398	111157	LRA00514	111654
LRA00227	110128	LRA00313	113376	LRA00399	110134	LRA00515	111163
LRA00227	110264	LRA00328	111153	LRA00399	110136	LRA00516	110168
LRA00228	111289	LRA00330	110628	LRA00399	110168	LRA00517	111176
LRA00230	111289	LRA00336	110877	LRA00399	110383	LRA00517	111289
LRA00231	110968	LRA00342	110138	LRA00402	110134	LRA00518	111741
LRA00232	110357	LRA00342	110139	LRA00402	110383	LRA00520	111741
LRA00232	110880	LRA00342	113048	LRA00405	110612	LRA00521	111360
LRA00232	110975	LRA00344	111705	LRA00405	111035	LRA00521	113920
LRA00232	111653	LRA00346	111656	LRA00408	110138	LRA00522	111740
LRA00236	110745	LRA00346	113376	LRA00422	110911	LRA00523	110258
LRA00240	111043	LRA00348	110131	LRA00422	110971	LRA00527	111361
LRA00246	111289	LRA00348	110168	LRA00433	111085	LRA00530	111363
LRA00247	110969	LRA00348	110383	LRA00433	112753	LRA00532	110770
LRA00247	111086	LRA00348	113793	LRA00434	110881	LRA00533	110348
LRA00249	110129	LRA00349	110168	LRA00437	111652	LRA00536	110385
LRA00249	110131	LRA00349	110307	LRA00443	110914	LRA00542	111578
LRA00251	110168	LRA00349	110458	LRA00443	110972	LRA00543	110138
LRA00251	110264	LRA00351	110677	LRA00443	111168	LRA00543	110374
LRA00258	110318	LRA00355	111289	LRA00444	110972	LRA00543	111148
LRA00263	110140	LRA00356	111185	LRA00444	111168	LRA00543	111166
LRA00263	110318	LRA00356	113378	LRA00444	111800	LRA00543	113376
LRA00264	110140	LRA00357	110179	LRA00445	110916	LRA00547	112297
LRA00265	110133	LRA00357	110759	LRA00445	111075	LRA00548	111692
LRA00267	110743	LRA00357	110969	LRA00447	112739	LRA00549	110965

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRA00550	110682	LRA00628	111083	LRA00753	111654	LRA00858	110925
LRA00552	114203	LRA00640	111289	LRA00753	111686	LRA00864	110916
LRA00555	110496	LRA00653	111366	LRA00757	110406	LRA00867	110769
LRA00555	110681	LRA00679	110274	LRA00760	111469	LRA00868	110769
LRA00555	111538	LRA00680	110702	LRA00762	110144	LRA00870	110890
LRA00555	113636	LRA00683	110458	LRA00762	112727	LRA00870	110897
LRA00556	112093	LRA00684	110136	LRA00763	110916	LRA00870	111155
LRA00557	110680	LRA00685	110133	LRA00763	111075	LRA00870	111156
LRA00558	111621	LRA00685	110264	LRA00764	110907	LRA00871	111169
LRA00559	111654	LRA00685	112270	LRA00764	111173	LRA00871	111800
LRA00559	112771	LRA00687	110250	LRA00764	112162	LRA00871	112056
LRA00561	110248	LRA00688	110496	LRA00765	111841	LRA00880	111169
LRA00561	112750	LRA00688	110628	LRA00765	112754	LRA00880	111800
LRA00561	112777	LRA00688	110678	LRA00766	110905	LRA00885	111800
LRA00562	110360	LRA00689	110496	LRA00768	111156	LRA00885	112056
LRA00562	111288	LRA00689	110678	LRA00769	110993	LRA00886	111166
LRA00562	111801	LRA00689	110681	LRA00770	111171	LRA00887	112234
LRA00562	112763	LRA00691	110138	LRA00770	111319	LRA00887	112729
LRA00563	111160	LRA00691	110248	LRA00771	111319	LRA00887	112798
LRA00565	110138	LRA00693	111738	LRA00774	110896	LRA00887	113536
LRA00565	112751	LRA00693	112238	LRA00774	111095	LRA00890	110360
LRA00565	113500	LRA00695	111036	LRA00774	111287	LRA00890	110913
LRA00566	112795	LRA00695	111621	LRA00775	110968	LRA00890	111287
LRA00567	110622	LRA00696	111094	LRA00777	111082	LRA00891	111652
LRA00569	111170	LRA00696	111539	LRA00777	112728	LRA00891	111653
LRA00570	110273	LRA00696	112149	LRA00778	112744	LRA00893	110357
LRA00572	110691	LRA00698	110889	LRA00779	110882	LRA00893	110360
LRA00574	110267	LRA00703	110660	LRA00779	110890	LRA00893	110913
LRA00574	110703	LRA00705	110666	LRA00780	110607	LRA00893	111083
LRA00575	110632	LRA00706	110687	LRA00780	111362	LRA00894	110357
LRA00577	110273	LRA00706	110806	LRA00780	111743	LRA00894	110913
LRA00580	111661	LRA00706	111240	LRA00780	111754	LRA00894	110919
LRA00581	112298	LRA00706	111243	LRA00781	110902	LRA00894	110975
LRA00581	112744	LRA00707	112531	LRA00781	111152	LRA00894	111652
LRA00582	113574	LRA00709	111372	LRA00781	111154	LRA00894	111653
LRA00583	111185	LRA00710	110969	LRA00783	112735	LRA00894	112098
LRA00584	110641	LRA00712	110890	LRA00786	111166	LRA00897	112234
LRA00585	111082	LRA00713	111147	LRA00788	111288	LRA00897	112729
LRA00585	112728	LRA00714	111147	LRA00789	111337	LRA00898	111291
LRA00588	110927	LRA00715	111147	LRA00790	110664	LRA00899	110618
LRA00589	110350	LRA00715	112740	LRA00796	110630	LRA00901	110619
LRA00593	111072	LRA00716	112725	LRA00800	110887	LRA00910	110890
LRA00593	111144	LRA00717	111093	LRA00805	110990	LRA00912	110890
LRA00593	111171	LRA00717	111149	LRA00807	110990	LRA00912	111418
LRA00594	112755	LRA00718	111149	LRA00807	111139	LRA00913	110882
LRA00595	110912	LRA00719	111093	LRA00807	112112	LRA00913	111180
LRA00596	111148	LRA00720	110923	LRA00808	110744	LRA00915	110350
LRA00596	113472	LRA00720	113866	LRA00808	111072	LRA00916	111072
LRA00597	110882	LRA00721	110923	LRA00808	111144	LRA00916	111163
LRA00597	110912	LRA00721	111093	LRA00808	111171	LRA00917	111667
LRA00597	112719	LRA00722	110923	LRA00812	110877	LRA00918	111652
LRA00598	110991	LRA00723	112734	LRA00812	112310	LRA00921	110113
LRA00602	110612	LRA00723	112785	LRA00813	110891	LRA00922	110766
LRA00602	110770	LRA00726	111799	LRA00818	111071	LRA00923	112098
LRA00602	111289	LRA00727	111799	LRA00818	111659	LRA00924	110766
LRA00603	110612	LRA00728	111799	LRA00819	111166	LRA00925	110113
LRA00603	111035	LRA00729	112760	LRA00820	112098	LRA00925	110761
LRA00604	110891	LRA00730	110911	LRA00821	110730	LRA00926	110043
LRA00606	112725	LRA00730	110919	LRA00821	110890	LRA00926	111834
LRA00606	112730	LRA00731	110919	LRA00821	110968	LRA00927	110116
LRA00606	112759	LRA00733	110107	LRA00823	110358	LRA00929	111686
LRA00607	110770	LRA00734	111074	LRA00823	110735	LRA00931	111141
LRA00607	111289	LRA00734	111154	LRA00829	110912	LRA00932	112769
LRA00607	111362	LRA00736	111539	LRA00829	111035	LRA00932	113789
LRA00610	111290	LRA00736	112149	LRA00832	110612	LRA00933	112795
LRA00611	111662	LRA00736	112735	LRA00832	111035	LRA00934	111291
LRA00616	111147	LRA00737	110902	LRA00832	111078	LRA00935	111569
LRA00617	112098	LRA00737	111152	LRA00833	110882	LRA00936	112747
LRA00618	111141	LRA00742	111652	LRA00833	110912	LRA00938	111419
LRA00619	111653	LRA00743	111074	LRA00833	111686	LRA00938	111987
LRA00620	111652	LRA00744	110881	LRA00836	112056	LRA00939	111187
LRA00621	110105	LRA00745	112753	LRA00837	112097	LRA00939	111467
LRA00622	110751	LRA00745	112810	LRA00839	112097	LRA00940	110607
LRA00623	110751	LRA00745	112813	LRA00841	110611	LRA00940	111623
LRA00623	111141	LRA00748	110881	LRA00842	111652	LRA00940	111742
LRA00624	112732	LRA00750	111148	LRA00844	110178	LRA00940	111754
LRA00625	110761	LRA00751	111654	LRA00844	110759	LRA00944	111175
LRA00628	110360	LRA00752	111686	LRA00844	111289	LRA00944	112762
LRA00628	110913	LRA00753	111620	LRA00844	112683	LRA00944	112793

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA00946	111175	LRA01131	110237	LRA01329	111243	LRA01527	113463
LRA00946	114026	LRA01136	111615	LRA01331	112270	LRA01530	111325
LRA00947	111577	LRA01137	111530	LRA01336	113789	LRA01531	111433
LRA00948	110676	LRA01141	112142	LRA01337	111326	LRA01533	111872
LRA00949	110696	LRA01143	111384	LRA01339	110959	LRA01535	111179
LRA00950	110385	LRA01146	111815	LRA01340	111144	LRA01539	111582
LRA00951	111164	LRA01147	113235	LRA01345	113187	LRA01541	113622
LRA00952	112746	LRA01149	113067	LRA01346	112736	LRA01542	112492
LRA00952	112815	LRA01150	113708	LRA01349	112739	LRA01543	111832
LRA00953	111403	LRA01151	112583	LRA01350	112093	LRA01547	111689
LRA00953	113839	LRA01155	113709	LRA01352	111686	LRA01550	111958
LRA00957	111264	LRA01162	113363	LRA01353	112780	LRA01551	111955
LRA00958	110770	LRA01163	113362	LRA01356	111226	LRA01553	112799
LRA00958	111355	LRA01164	113358	LRA01359	111747	LRA01555	111428
LRA00959	111948	LRA01165	113359	LRA01362	111536	LRA01556	111872
LRA00960	111427	LRA01166	113348	LRA01367	110685	LRA01563	111267
LRA00961	110107	LRA01167	113027	LRA01371	111408	LRA01569	114084
LRA00963	111289	LRA01169	114129	LRA01372	113519	LRA01572	111416
LRA00964	111948	LRA01171	113710	LRA01375	111238	LRA01573	112065
LRA00966	111321	LRA01176	110168	LRA01376	112797	LRA01574	111688
LRA00966	111403	LRA01177	111428	LRA01378	111432	LRA01576	110907
LRA00966	113839	LRA01178	112112	LRA01383	111491	LRA01578	112069
LRA00967	111368	LRA01179	111397	LRA01385	111578	LRA01579	113533
LRA00968	112056	LRA01190	112728	LRA01387	111314	LRA01580	111894
LRA00969	112742	LRA01191	112270	LRA01394	112810	LRA01582	111625
LRA00970	111629	LRA01193	111139	LRA01395	112092	LRA01586	113939
LRA00971	110906	LRA01196	111179	LRA01397	112046	LRA01587	111511
LRA00971	113920	LRA01197	111144	LRA01404	111265	LRA01588	112528
LRA00972	112345	LRA01199	110105	LRA01405	110696	LRA01591	111468
LRA00973	110895	LRA01199	111649	LRA01407	111538	LRA01592	112558
LRA00973	112234	LRA01202	110897	LRA01414	111741	LRA01593	111716
LRA00974	111629	LRA01203	110931	LRA01422	111141	LRA01596	111500
LRA00974	112343	LRA01208	112310	LRA01425	111467	LRA01598	112356
LRA00975	110882	LRA01209	110881	LRA01426	111406	LRA01599	112191
LRA00975	111418	LRA01212	113032	LRA01428	111173	LRA01600	111354
LRA00975	113838	LRA01215	110694	LRA01430	111235	LRA01602	110699
LRA00976	112732	LRA01218	110264	LRA01433	111952	LRA01605	111223
LRA00976	112779	LRA01228	111595	LRA01436	111605	LRA01606	111902
LRA00977	110895	LRA01229	110445	LRA01438	112777	LRA01608	111376
LRA00978	111146	LRA01230	110684	LRA01442	110127	LRA01609	111389
LRA00979	111629	LRA01232	110358	LRA01446	111428	LRA01611	112801
LRA00980	110876	LRA01234	110707	LRA01447	112299	LRA01614	111587
LRA00982	110880	LRA01236	110702	LRA01456	112183	LRA01616	113469
LRA00982	110895	LRA01243	111170	LRA01457	112087	LRA01622	111624
LRA00983	110913	LRA01244	111289	LRA01460	112813	LRA01623	111903
LRA00983	111083	LRA01245	111267	LRA01464	111048	LRA01624	112556
LRA00984	110357	LRA01246	111397	LRA01467	111226	LRA01626	113500
LRA00984	111652	LRA01248	113793	LRA01468	113441	LRA01632	112375
LRA00984	112271	LRA01251	113611	LRA01469	111048	LRA01633	113785
LRA00987	111670	LRA01252	110699	LRA01470	111959	LRA01634	113758
LRA00988	111093	LRA01259	110685	LRA01471	112331	LRA01636	112708
LRA00989	110358	LRA01262	110692	LRA01473	113441	LRA01638	112352
LRA00990	110875	LRA01263	112162	LRA01474	110993	LRA01641	111337
LRA00992	110767	LRA01264	110805	LRA01475	111623	LRA01643	111381
LRA00992	111652	LRA01269	111428	LRA01475	111742	LRA01645	112094
LRA00992	111653	LRA01276	111616	LRA01479	111316	LRA01648	112205
LRA00993	111652	LRA01279	110307	LRA01481	111507	LRA01651	110724
LRA00994	110913	LRA01280	111606	LRA01483	112538	LRA01653	110990
LRA00998	111035	LRA01282	111144	LRA01487	111200	LRA01654	112035
LRA00998	112719	LRA01285	110505	LRA01488	112777	LRA01656	111397
LRA01002	110877	LRA01287	110406	LRA01489	111951	LRA01657	113611
LRA01020	111426	LRA01288	112270	LRA01490	112529	LRA01661	112348
LRA01021	112229	LRA01290	112127	LRA01493	112101	LRA01662	113383
LRA01032	110887	LRA01292	111503	LRA01495	111343	LRA01665	111871
LRA01056	110127	LRA01293	110667	LRA01498	111144	LRA01668	111978
LRA01058	110170	LRA01295	110700	LRA01499	111929	LRA01669	112722
LRA01068	110075	LRA01297	113347	LRA01501	113034	LRA01670	113788
LRA01087	110542	LRA01299	110540	LRA01502	111406	LRA01672	111776
LRA01091	111042	LRA01300	110360	LRA01505	111811	LRA01674	112578
LRA01096	111483	LRA01303	111740	LRA01507	112100	LRA01676	112328
LRA01098	110129	LRA01306	110802	LRA01508	111223	LRA01677	111726
LRA01099	110137	LRA01307	111175	LRA01509	110234	LRA01678	110503
LRA01112	112771	LRA01308	111215	LRA01514	111267	LRA01680	113786
LRA01115	111483	LRA01309	111308	LRA01516	112789	LRA01682	113519
LRA01117	111686	LRA01310	110916	LRA01517	111820	LRA01683	111175
LRA01122	112067	LRA01313	111610	LRA01519	111820	LRA01684	111883
LRA01123	111814	LRA01315	111432	LRA01520	112682	LRA01686	111264
LRA01125	113059	LRA01320	110686	LRA01523	112102	LRA01687	112796
LRA01129	111813	LRA01327	111429	LRA01525	110986	LRA01691	112785

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRA01697	111018	LRA01841	112206	LRA01996	113882	LRA02187	113280
LRA01704	112780	LRA01843	113489	LRA01999	112102	LRA02188	111947
LRA01705	112695	LRA01844	112194	LRA02005	112774	LRA02192	113961
LRA01706	111587	LRA01845	113315	LRA02006	112331	LRA02198	112721
LRA01709	111850	LRA01846	112072	LRA02009	112458	LRA02198	114251
LRA01710	112043	LRA01848	112045	LRA02010	111941	LRA02205	112128
LRA01711	112234	LRA01849	111934	LRA02011	112002	LRA02207	112406
LRA01712	111980	LRA01850	113785	LRA02014	112420	LRA02208	113856
LRA01713	113634	LRA01851	111943	LRA02015	112463	LRA02213	112750
LRA01714	111787	LRA01853	113864	LRA02016	111048	LRA02215	113787
LRA01715	111294	LRA01855	111953	LRA02017	112465	LRA02219	112673
LRA01717	112355	LRA01859	111781	LRA02019	112506	LRA02222	111355
LRA01719	110629	LRA01860	112529	LRA02020	110985	LRA02225	113324
LRA01720	113868	LRA01861	112197	LRA02021	110487	LRA02227	113272
LRA01722	112719	LRA01862	112333	LRA02024	112073	LRA02228	113755
LRA01723	111883	LRA01865	112396	LRA02025	112415	LRA02229	113948
LRA01724	111940	LRA01867	111216	LRA02026	112858	LRA02231	113331
LRA01726	113785	LRA01868	112777	LRA02033	111775	LRA02232	113875
LRA01727	112614	LRA01869	112389	LRA02035	113836	LRA02234	113949
LRA01728	112100	LRA01872	111944	LRA02038	111507	LRA02237	111772
LRA01730	112540	LRA01873	111478	LRA02039	113518	LRA02238	113874
LRA01732	113349	LRA01874	112190	LRA02043	111495	LRA02242	113352
LRA01735	112812	LRA01877	112777	LRA02044	112358	LRA02244	113283
LRA01739	111779	LRA01880	112394	LRA02052	112791	LRA02245	113264
LRA01740	112704	LRA01882	111895	LRA02053	112063	LRA02247	113951
LRA01741	112696	LRA01886	111826	LRA02055	111934	LRA02248	113439
LRA01742	111625	LRA01887	113943	LRA02058	111950	LRA02250	113944
LRA01745	111722	LRA01888	111355	LRA02060	112419	LRA02253	113253
LRA01746	111626	LRA01891	112458	LRA02062	111710	LRA02258	112772
LRA01747	111285	LRA01895	113035	LRA02065	111710	LRA02261	112468
LRA01749	113077	LRA01896	111779	LRA02068	113093	LRA02264	111580
LRA01751	111714	LRA01897	113495	LRA02072	113343	LRA02266	113718
LRA01752	111480	LRA01901	111722	LRA02073	113771	LRA02270	114215
LRA01753	111627	LRA01902	113442	LRA02075	112359	LRA02287	113954
LRA01756	112543	LRA01903	112539	LRA02076	112468	LRA02291	113992
LRA01757	111966	LRA01908	112353	LRA02078	111780	LRA02293	113889
LRA01760	111294	LRA01912	112075	LRA02079	112328	LRA02295	112416
LRA01762	110235	LRA01917	112338	LRA02083	113942	LRA02298	114115
LRA01763	112450	LRA01918	112065	LRA02085	111932	LRA02301	113872
LRA01765	112770	LRA01919	112196	LRA02090	110986	LRA02303	113872
LRA01766	113076	LRA01921	112363	LRA02092	111364	LRA02314	113790
LRA01767	111902	LRA01922	112407	LRA02104	113328	LRA02315	113835
LRA01768	110679	LRA01924	112327	LRA02106	113352	LRA02316	114101
LRA01769	111902	LRA01925	113306	LRA02107	112428	LRA02318	113884
LRA01771	111416	LRA01926	111710	LRA02108	112428	LRA02319	113896
LRA01773	112556	LRA01928	113913	LRA02111	110488	LRA02320	113657
LRA01779	111568	LRA01929	110499	LRA02114	113404	LRA02323	113252
LRA01781	111712	LRA01930	113575	LRA02115	113878	LRA02325	113720
LRA01782	111388	LRA01932	112354	LRA02116	113543	LRA02327	113685
LRA01783	112126	LRA01933	110630	LRA02116	113543	LRA02328	111402
LRA01785	112042	LRA01934	111018	LRA02121	112558	LRA02336	113871
LRA01788	112877	LRA01936	111605	LRA02123	112087	LRA02338	113912
LRA01791	112884	LRA01938	111895	LRA02125	113263	LRA02340	113519
LRA01792	112613	LRA01939	112327	LRA02126	112330	LRA02342	113279
LRA01794	111199	LRA01943	111830	LRA02129	112693	LRA02343	113273
LRA01796	112774	LRA01944	112636	LRA02134	112360	LRA02347	113858
LRA01798	110683	LRA01947	112428	LRA02136	111309	LRA02348	113883
LRA01799	112774	LRA01949	112062	LRA02137	110498	LRA02351	113316
LRA01801	112928	LRA01950	113401	LRA02138	112196	LRA02362	113877
LRA01804	111535	LRA01952	112428	LRA02139	111850	LRA02368	113837
LRA01806	111854	LRA01953	112428	LRA02140	111850	LRA02369	114122
LRA01807	111435	LRA01954	111965	LRA02144	113715	LRA02392	111596
LRA01808	112699	LRA01955	112462	LRA02145	112535	LRA02403	111484
LRA01811	112679	LRA01956	113519	LRA02147	113610	LRA02415	112747
LRA01812	113754	LRA01959	111678	LRA02150	112334	LRA02420	112109
LRA01813	112358	LRA01960	110959	LRA02151	113336	LRA02421	112210
LRA01815	112418	LRA01961	113330	LRA02152	113697	LRA02423	110117
LRA01816	112357	LRA01968	112399	LRA02155	111075	LRA02424	110567
LRA01817	112078	LRA01969	113283	LRA02160	113248	LRA02426	113196
LRA01818	112332	LRA01970	113407	LRA02162	113772	LRA02429	110052
LRA01819	113406	LRA01972	112398	LRA02167	112426	LRA02431	111614
LRA01820	113888	LRA01975	113510	LRA02168	112426	LRA02434	112758
LRA01823	113403	LRA01976	113577	LRA02169	113404	LRA02437	110448
LRA01824	113876	LRA01977	112095	LRA02171	113251	LRA02438	111344
LRA01826	112270	LRA01980	110620	LRA02174	112457	LRA02447	111603
LRA01834	113848	LRA01987	113751	LRA02179	113562	LRA02448	110163
LRA01835	112548	LRA01990	112471	LRA02180	113536	LRA02449	112113
LRA01836	111779	LRA01994	112068	LRA02182	113272	LRA02454	110800
LRA01838	113848	LRA01995	112128	LRA02186	113336	LRA02459	113129

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA02459	113196	LRA02629	110916	LRA02786	112531	LRA03148	111719
LRA02460	110116	LRA02631	111654	LRA02789	111364	LRA03151	112205
LRA02462	112252	LRA02632	112750	LRA02791	113792	LRA03156	113992
LRA02464	112110	LRA02635	112781	LRA02792	113722	LRA03159	114076
LRA02465	114077	LRA02636	110682	LRA02797	113721	LRA03178	113253
LRA02469	112076	LRA02637	110385	LRA02800	113535	LRA03180	112557
LRA02470	111746	LRA02640	110663	LRA02804	113722	LRA03186	113310
LRA02473	111782	LRA02642	110679	LRA02806	113956	LRA03252	113872
LRA02474	111631	LRA02644	112765	LRA02807	113955	LRA03290	114379
LRA02475	111886	LRA02645	113487	LRA02808	113996	LRA03302	113763
LRA02476	111972	LRA02646	110804	LRA02812	113404	LRA04656	110127
LRA02478	112732	LRA02647	111157	LRA02814	113922	LRA0468	111626
LRA02479	110801	LRA02649	110877	LRA02815	113849	LRA0469	111956
LRA02481	111833	LRA02652	111620	LRA02817	113720	LRA1560	113921
LRA02482	113470	LRA02653	111620	LRA02824	111824	LRA1860	112529
LRA02486	111720	LRA02654	111342	LRA02826	113529	LRA2208	113856
LRA02487	113488	LRA02655	111535	LRA02834	110803	LRA2378	112097
LRA02488	113488	LRA02656	111267	LRA02835	111712	LRA463	112238
LRA02489	111987	LRA02660	110631	LRA02836	113197	LRB00100	112076
LRA02490	110591	LRA02663	110967	LRA02837	113919	LRB00100	112758
LRA02494	113186	LRA02664	112809	LRA02838	113792	LRB00101	111527
LRA02495	112170	LRA02668	111279	LRA02852	113710	LRB00101	112757
LRA02496	111972	LRA02670	110267	LRA02866	110683	LRB00102	111146
LRA02500	112252	LRA02672	112098	LRA02867	113069	LRB00103	111288
LRA02501	111631	LRA02677	111352	LRA02870	112981	LRB00104	110076
LRA02502	112189	LRA02679	112329	LRA02871	113536	LRB00104	111834
LRA02503	113477	LRA02680	110687	LRA02872	113837	LRB00105	110116
LRA02504	113448	LRA02683	111692	LRA02876	113956	LRB00106	110113
LRA02507	112211	LRA02684	112751	LRA02881	114131	LRB00118	111154
LRA02511	111295	LRA02686	111237	LRA02885	114130	LRB00119	112162
LRA02512	113295	LRA02688	113632	LRA02891	113881	LRB00120	110908
LRA02513	113289	LRA02689	111369	LRA02897	112428	LRB00121	111094
LRA02514	113549	LRA02690	111739	LRA02899	112218	LRB00121	111539
LRA02516	112427	LRA02693	112207	LRA02905	111842	LRB00121	112149
LRA02520	112168	LRA02696	111807	LRA02910	113791	LRB00122	111356
LRA02522	113351	LRA02698	113531	LRA02920	113284	LRB00122	111364
LRA02526	112302	LRA02700	112530	LRA02921	113971	LRB00123	112770
LRA02529	112424	LRA02705	113865	LRA02923	113330	LRB00124	112759
LRA02531	113212	LRA02708	111733	LRA02925	112067	LRB00125	111279
LRA02534	113284	LRA02710	111963	LRA02931	114109	LRB00126	111176
LRA02535	113188	LRA02711	113667	LRA02933	113791	LRB00126	111293
LRA02537	113351	LRA02712	112098	LRA02943	113998	LRB00127	110891
LRA02543	113803	LRA02713	112775	LRA02945	114111	LRB00128	111176
LRA02545	113718	LRA02714	111594	LRA02946	113904	LRB00129	111095
LRA02548	114258	LRA02716	111623	LRA02950	113861	LRB00129	111287
LRA02551	113202	LRA02716	111742	LRA02951	113791	LRB00130	110631
LRA02555	112958	LRA02717	112129	LRA02954	114245	LRB00131	111166
LRA02556	113784	LRA02719	111279	LRA02974	113862	LRB00131	112805
LRA02562	113912	LRA02720	111289	LRA02977	113958	LRB00131	113376
LRA02566	112327	LRA02721	110805	LRA02993	114044	LRB00132	112775
LRA02569	113376	LRA02722	111289	LRA02997	112160	LRB00133	111032
LRA02570	111096	LRA02723	112798	LRA02999	111847	LRB00134	110881
LRA02571	112098	LRA02724	112557	LRA02999	114114	LRB00135	112803
LRA02577	110137	LRA02726	110957	LRA03002	112860	LRB00136	110105
LRA02579	110248	LRA02727	110882	LRA03011	113898	LRB00136	111649
LRA02581	112771	LRA02728	113576	LRA03020	113300	LRB00137	112159
LRA02582	111860	LRA02730	112805	LRA03022	113600	LRB00138	113920
LRA02583	110759	LRA02731	111843	LRA03022	113600	LRB00139	110113
LRA02584	110767	LRA02732	112692	LRA03026	113401	LRB00140	111331
LRA02587	111287	LRA02733	113864	LRA03038	113941	LRB00141	110163
LRA02589	112270	LRA02735	111857	LRA03041	113758	LRB00143	112231
LRA02592	111141	LRA02737	112709	LRA03043	113302	LRB00143	112299
LRA02593	111139	LRA02738	111623	LRA03045	114088	LRB00144	111352
LRA02595	111147	LRA02738	111742	LRA03048	113863	LRB00145	111353
LRA02596	111156	LRA02739	113885	LRA03072	114090	LRB00145	111477
LRA02598	111705	LRA02741	111626	LRA03074	111631	LRB00145	111884
LRA02601	111659	LRA02743	111806	LRA03075	112457	LRB00146	111479
LRA02603	112740	LRA02744	112362	LRA03076	113285	LRB00147	111477
LRA02604	110806	LRA02746	111157	LRA03080	113946	LRB00148	111411
LRA02608	111154	LRA02751	112144	LRA03082	113987	LRB00149	112229
LRA02609	112149	LRA02752	110659	LRA03088	113514	LRB00150	112151
LRA02614	110701	LRA02756	112397	LRA03091	113946	LRB00151	110663
LRA02615	110620	LRA02760	113296	LRA03099	114293	LRB00151	110689
LRA02616	111048	LRA02764	111708	LRA03103	113405	LRB00152	110659
LRA02618	111240	LRA02765	113952	LRA03104	113575	LRB00153	110802
LRA02621	111948	LRA02771	111884	LRA03106	113872	LRB00154	111186
LRA02623	111236	LRA02776	111527	LRA03115	111959	LRB00155	111317
LRA02626	110681	LRA02778	110766	LRA03127	114121	LRB00156	110678
LRA02627	110664	LRA02779	112561	LRA03145	113872	LRB00156	111705

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRB00157	111342	LRB00231	110660	LRB00320	111514	LRB00423	113942
LRB00158	111176	LRB00232	111405	LRB00321	112165	LRB00424	112532
LRB00159	111176	LRB00233	110956	LRB00323	112679	LRB00426	112045
LRB00160	111367	LRB00234	110803	LRB00324	112790	LRB00427	111946
LRB00160	111743	LRB00234	111806	LRB00326	113471	LRB00429	111675
LRB00160	111754	LRB00234	112362	LRB00327	111689	LRB00430	113770
LRB00161	111263	LRB00235	111238	LRB00328	111413	LRB00431	111847
LRB00161	111742	LRB00236	111594	LRB00328	111689	LRB00431	114114
LRB00162	112705	LRB00237	111626	LRB00329	111689	LRB00433	113350
LRB00164	112689	LRB00237	111956	LRB00330	113667	LRB00434	113498
LRB00165	111891	LRB00238	111807	LRB00331	111318	LRB00435	112324
LRB00166	111732	LRB00239	113063	LRB00332	111318	LRB00436	112058
LRB00169	112712	LRB00242	111482	LRB00333	113604	LRB00437	113603
LRB00170	111280	LRB00243	112121	LRB00335	112467	LRB00438	112480
LRB00171	111268	LRB00244	112695	LRB00336	111598	LRB00439	113503
LRB00172	111293	LRB00245	111512	LRB00337	111518	LRB00441	112349
LRB00174	111292	LRB00246	111513	LRB00338	112031	LRB00442	111437
LRB00175	111733	LRB00249	111846	LRB00340	111434	LRB00443	113285
LRB00175	111857	LRB00250	111708	LRB00340	113770	LRB00444	113298
LRB00175	111988	LRB00252	111676	LRB00341	112093	LRB00446	112272
LRB00175	111991	LRB00253	113783	LRB00342	110701	LRB00447	111723
LRB00176	112765	LRB00254	111478	LRB00343	112212	LRB00448	112648
LRB00176	112799	LRB00255	112558	LRB00344	110620	LRB00449	113404
LRB00178	113472	LRB00256	112086	LRB00344	111048	LRB00451	112460
LRB00178	113473	LRB00260	112325	LRB00345	113832	LRB00452	112461
LRB00180	112793	LRB00261	111788	LRB00346	113832	LRB00453	113447
LRB00181	111175	LRB00262	111767	LRB00347	110622	LRB00453	113833
LRB00181	112298	LRB00265	111537	LRB00348	110622	LRB00454	113952
LRB00181	112781	LRB00266	111704	LRB00349	112708	LRB00455	113599
LRB00181	113438	LRB00267	110679	LRB00349	113486	LRB00456	112654
LRB00182	112754	LRB00268	111611	LRB00357	111795	LRB00457	112198
LRB00183	112230	LRB00269	111353	LRB00358	112143	LRB00458	111967
LRB00183	112292	LRB00270	111820	LRB00359	112142	LRB00459	113317
LRB00183	112860	LRB00271	112939	LRB00361	111887	LRB00460	112144
LRB00184	112230	LRB00272	112860	LRB00362	112694	LRB00461	111511
LRB00185	112701	LRB00274	111285	LRB00363	112709	LRB00463	111719
LRB00186	112287	LRB00275	110967	LRB00364	112691	LRB00464	111775
LRB00187	111803	LRB00277	112687	LRB00366	112025	LRB00465	112792
LRB00188	111687	LRB00277	112811	LRB00370	112203	LRB00467	112414
LRB00190	113576	LRB00278	112687	LRB00371	112209	LRB00470	112472
LRB00191	112804	LRB00278	113831	LRB00372	112806	LRB00473	113340
LRB00191	112809	LRB00279	112683	LRB00374	113867	LRB00474	112079
LRB00192	111354	LRB00279	112764	LRB00375	112557	LRB00475	112002
LRB00193	111369	LRB00279	113864	LRB00376	112557	LRB00477	112401
LRB00194	111294	LRB00280	112688	LRB00377	112708	LRB00478	112273
LRB00195	111354	LRB00281	112703	LRB00377	113865	LRB00479	113870
LRB00196	111426	LRB00282	112772	LRB00378	112406	LRB00481	112274
LRB00196	111732	LRB00286	113914	LRB00380	111532	LRB00482	111884
LRB00197	111860	LRB00287	112698	LRB00381	111797	LRB00483	111858
LRB00197	112453	LRB00288	112698	LRB00383	111824	LRB00484	111825
LRB00198	112325	LRB00290	112722	LRB00384	112021	LRB00485	112075
LRB00199	111267	LRB00291	113763	LRB00385	111988	LRB00486	111989
LRB00200	112800	LRB00292	111802	LRB00386	111878	LRB00487	112271
LRB00202	112679	LRB00293	113632	LRB00387	111820	LRB00489	113624
LRB00203	111511	LRB00294	113632	LRB00389	111828	LRB00490	111375
LRB00204	111520	LRB00295	111899	LRB00390	113341	LRB00492	112413
LRB00205	111315	LRB00296	111898	LRB00393	112193	LRB00493	112413
LRB00206	112782	LRB00296	111988	LRB00396	113577	LRB00494	112469
LRB00207	112021	LRB00297	112681	LRB00397	112199	LRB00497	113709
LRB00209	111157	LRB00298	111498	LRB00400	111718	LRB00499	113439
LRB00210	111579	LRB00299	111831	LRB00401	112059	LRB00500	113440
LRB00211	111517	LRB00300	112097	LRB00404	111990	LRB00501	112351
LRB00212	111518	LRB00301	111890	LRB00405	112077	LRB00502	113405
LRB00213	111435	LRB00302	112561	LRB00406	112720	LRB00503	113403
LRB00214	111411	LRB00303	111515	LRB00407	113879	LRB00504	112144
LRB00214	111505	LRB00305	111888	LRB00408	113879	LRB00505	112470
LRB00215	113537	LRB00306	111658	LRB00409	111997	LRB00507	112458
LRB00216	111416	LRB00307	112725	LRB00410	112860	LRB00509	112414
LRB00217	112529	LRB00308	111963	LRB00411	111468	LRB00511	112387
LRB00218	112530	LRB00310	111987	LRB00413	111237	LRB00512	112402
LRB00219	112557	LRB00311	111893	LRB00415	111993	LRB00513	113296
LRB00221	111756	LRB00312	113485	LRB00416	114241	LRB00514	111824
LRB00222	112056	LRB00313	110706	LRB00417	114242	LRB00515	112416
LRB00223	112680	LRB00314	112202	LRB00418	113942	LRB00518	112397
LRB00224	113447	LRB00315	111812	LRB00419	111937	LRB00606	111295
LRB00225	111339	LRB00316	113789	LRB00420	112057	LRB00627	111295
LRB00227	111633	LRB00318	111178	LRB00422	112456	LRB00628	111295
LRB00230	111309	LRB00319	111514	LRB00423	111409	LRB00630	111295
LRB00230	111375	LRB00320	111369	LRB00423	113939	LRB00638	111808

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRB00640	111972	LRS00234	111585	LRS00435	113482	LRS00553	112136
LRS00101	111103	LRS00240	112660	LRS00437	110996	LRS00554	113381
LRS00102	111102	LRS00249	110142	LRS00439	110809	LRS00557	110149
LRS00106	111573	LRS00250	110154	LRS00443	110520	LRS00557	110808
LRS00107	110465	LRS00256	110367	LRS00443	111118	LRS00557	111310
LRS00109	110831	LRS00259	111058	LRS00446	111106	LRS00558	111059
LRS00110	110771	LRS00260	110771	LRS00447	111106	LRS00558	111748
LRS00110	110831	LRS00260	110868	LRS00448	110836	LRS00559	111061
LRS00110	110870	LRS00260	111107	LRS00450	111118	LRS00560	111059
LRS00113	110462	LRS00261	110444	LRS00450	111423	LRS00562	113845
LRS00115	110462	LRS00270	112390	LRS00451	110365	LRS00563	110862
LRS00120	110817	LRS00281	110396	LRS00452	112289	LRS00565	111755
LRS00121	110367	LRS00286	110352	LRS00453	110836	LRS00566	111332
LRS00124	110443	LRS00286	110826	LRS00453	111423	LRS00568	111332
LRS00125	110142	LRS00291	111068	LRS00455	110867	LRS00569	111004
LRS00127	111103	LRS00295	111068	LRS00456	110624	LRS00570	111752
LRS00129	110462	LRS00298	110831	LRS00458	111068	LRS00574	110441
LRS00129	111107	LRS00301	110439	LRS00459	110587	LRS00578	110867
LRS00133	110363	LRS00301	110819	LRS00459	111070	LRS00582	110367
LRS00135	110842	LRS00302	110459	LRS00459	111130	LRS00585	112537
LRS00135	110868	LRS00304	110459	LRS00460	110860	LRS00589	110365
LRS00135	111981	LRS00304	110461	LRS00460	111063	LRS00591	111423
LRS00137	110460	LRS00305	110460	LRS00463	110367	LRS00591	112125
LRS00139	110440	LRS00310	110860	LRS00463	110866	LRS00592	110584
LRS00141	110338	LRS00310	111124	LRS00465	112295	LRS00593	111106
LRS00144	110336	LRS00319	110308	LRS00465	113481	LRS00594	110365
LRS00146	110870	LRS00320	110155	LRS00467	110837	LRS00598	110837
LRS00147	110545	LRS00320	110256	LRS00471	110310	LRS00600	110290
LRS00150	110608	LRS00322	110277	LRS00473	110315	LRS00604	110295
LRS00151	110462	LRS00323	110774	LRS00475	111070	LRS00604	111451
LRS00152	113745	LRS00323	110835	LRS00476	111070	LRS00605	110394
LRS00155	110464	LRS00324	111053	LRS00478	110839	LRS00607	110260
LRS00157	110818	LRS00328	111115	LRS00479	110454	LRS00608	110399
LRS00161	110520	LRS00333	111064	LRS00479	110465	LRS00609	110397
LRS00161	110615	LRS00334	110157	LRS00480	110145	LRS00611	111065
LRS00161	111737	LRS00335	110291	LRS00484	113380	LRS00611	112440
LRS00162	110460	LRS00336	110157	LRS00488	111451	LRS00614	111025
LRS00163	111269	LRS00336	110158	LRS00490	110421	LRS00615	111683
LRS00163	112290	LRS00341	110825	LRS00490	111475	LRS00617	111461
LRS00166	110439	LRS00341	111228	LRS00492	111214	LRS00620	110465
LRS00168	110336	LRS00341	112289	LRS00500	110182	LRS00621	110842
LRS00168	110870	LRS00343	111102	LRS00502	110386	LRS00624	110149
LRS00170	110442	LRS00344	110337	LRS00503	110144	LRS00625	110389
LRS00170	110565	LRS00344	111053	LRS00503	110585	LRS00626	110389
LRS00172	110438	LRS00344	111123	LRS00505	110585	LRS00627	110149
LRS00173	110565	LRS00344	111131	LRS00505	113753	LRS00627	110808
LRS00178	110793	LRS00345	110840	LRS00507	110708	LRS00631	113465
LRS00178	111066	LRS00346	110585	LRS00507	113936	LRS00632	111332
LRS00180	110826	LRS00350	110824	LRS00510	110386	LRS00633	113466
LRS00182	110640	LRS00352	111052	LRS00511	110253	LRS00638	113269
LRS00182	110813	LRS00356	111055	LRS00514	110402	LRS00639	111332
LRS00183	110774	LRS00364	110142	LRS00514	111385	LRS00640	111231
LRS00185	111347	LRS00366	110337	LRS00515	110158	LRS00641	111231
LRS00188	110144	LRS00366	111053	LRS00515	110315	LRS00648	110865
LRS00190	110439	LRS00367	110467	LRS00515	110479	LRS00649	112533
LRS00191	113172	LRS00370	110858	LRS00516	110158	LRS00650	111115
LRS00192	110365	LRS00372	111112	LRS00516	110315	LRS00651	110337
LRS00195	110615	LRS00375	110465	LRS00521	110865	LRS00651	111131
LRS00196	111865	LRS00379	110311	LRS00522	110824	LRS00653	111030
LRS00202	110608	LRS00383	112541	LRS00522	111010	LRS00654	110336
LRS00203	110856	LRS00385	110152	LRS00525	113745	LRS00654	111131
LRS00206	112651	LRS00386	110864	LRS00526	112455	LRS00654	111269
LRS00208	110997	LRS00390	111458	LRS00527	111117	LRS00655	110862
LRS00209	110341	LRS00392	110278	LRS00528	111060	LRS00655	111347
LRS00212	110462	LRS00394	111441	LRS00530	110790	LRS00656	111851
LRS00214	110145	LRS00394	111728	LRS00531	111114	LRS00657	110839
LRS00215	110442	LRS00395	110280	LRS00531	112541	LRS00658	110844
LRS00215	110565	LRS00396	110256	LRS00533	111063	LRS00659	113845
LRS00217	110421	LRS00396	111452	LRS00534	110368	LRS00660	111270
LRS00226	110152	LRS00397	110145	LRS00542	111117	LRS00661	111112
LRS00227	110277	LRS00400	110279	LRS00543	110831	LRS00661	111120
LRS00227	111566	LRS00403	110479	LRS00543	112536	LRS00662	111069
LRS00229	110160	LRS00409	111056	LRS00544	110337	LRS00665	111619
LRS00229	111054	LRS00410	111068	LRS00544	111131	LRS00671	110584
LRS00229	111489	LRS00418	111109	LRS00544	111750	LRS00672	113467
LRS00230	110462	LRS00428	110411	LRS00545	110249	LRS00673	110461
LRS00231	111100	LRS00429	111136	LRS00545	110312	LRS00673	112251
LRS00232	110565	LRS00430	111064	LRS00545	111442	LRS00675	111053
LRS00233	112817	LRS00435	110525	LRS00552	111499	LRS00675	111131

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRS00677	111006	LRS00761	111058	LRS00877	110835	LRS01005	110465
LRS00681	112321	LRS00762	110536	LRS00878	110214	LRS01006	110818
LRS00682	113844	LRS00763	110519	LRS00883	110207	LRS01008	110438
LRS00683	110847	LRS00764	112119	LRS00884	110811	LRS01012	110245
LRS00683	111122	LRS00765	113468	LRS00885	110810	LRS01020	110292
LRS00684	110811	LRS00766	110981	LRS00886	112215	LRS01027	113482
LRS00688	110149	LRS00767	110980	LRS00887	112214	LRS01032	113705
LRS00688	110808	LRS00768	110709	LRS00888	111442	LRS01035	110551
LRS00689	110712	LRS00769	110323	LRS00891	113750	LRS01040	110308
LRS00692	111458	LRS00778	110532	LRS00892	112307	LRS01044	111211
LRS00693	110477	LRS00781	112286	LRS00893	112052	LRS01044	111398
LRS00693	110718	LRS00782	111182	LRS00893	112306	LRS01053	111001
LRS00695	113097	LRS00783	111694	LRS00894	113483	LRS01055	112007
LRS00696	111386	LRS00783	111900	LRS00896	110809	LRS01057	110536
LRS00697	112124	LRS00784	112133	LRS00896	111476	LRS01058	111224
LRS00704	111303	LRS00785	111748	LRS00896	111565	LRS01059	111211
LRS00706	111574	LRS00786	110386	LRS00897	111446	LRS01064	111217
LRS00707	111030	LRS00786	110719	LRS00898	111123	LRS01069	111332
LRS00708	113346	LRS00787	110851	LRS00899	113346	LRS01071	110454
LRS00709	111865	LRS00788	111131	LRS00903	110283	LRS01075	111793
LRS00710	111080	LRS00788	111750	LRS00911	112455	LRS01076	110412
LRS00710	111608	LRS00789	110807	LRS00913	111058	LRS01078	110573
LRS00711	111303	LRS00790	113847	LRS00915	110824	LRS01083	111332
LRS00711	111459	LRS00791	111749	LRS00915	111010	LRS01089	111755
LRS00714	110351	LRS00792	111129	LRS00917	110862	LRS01096	110793
LRS00715	111055	LRS00793	111312	LRS00918	110838	LRS01098	110355
LRS00715	111123	LRS00794	111000	LRS00919	110865	LRS01100	111047
LRS00715	111127	LRS00796	112132	LRS00920	110775	LRS01101	111386
LRS00715	111684	LRS00799	111231	LRS00921	110536	LRS01103	110522
LRS00718	111546	LRS00801	111104	LRS00922	110206	LRS01104	110400
LRS00719	110312	LRS00805	110826	LRS00922	110208	LRS01105	110412
LRS00719	111442	LRS00807	110772	LRS00923	110523	LRS01108	110246
LRS00720	111447	LRS00808	111052	LRS00923	113464	LRS01109	113482
LRS00721	110473	LRS00814	110869	LRS00925	110520	LRS01111	110719
LRS00722	111310	LRS00814	110997	LRS00925	111638	LRS01113	110389
LRS00723	110713	LRS00816	110368	LRS00928	110205	LRS01115	110573
LRS00726	111544	LRS00818	110524	LRS00930	110527	LRS01118	113307
LRS00727	111805	LRS00819	110206	LRS00932	110530	LRS01119	111108
LRS00728	110354	LRS00820	112249	LRS00940	110522	LRS01120	110485
LRS00728	112439	LRS00821	110537	LRS00940	113134	LRS01122	110506
LRS00729	111489	LRS00822	110537	LRS00944	110640	LRS01123	112173
LRS00730	111029	LRS00823	110531	LRS00944	113381	LRS01124	110417
LRS00731	111751	LRS00825	110210	LRS00945	110209	LRS01125	110485
LRS00731	112131	LRS00826	110608	LRS00946	110521	LRS01128	111706
LRS00732	111131	LRS00827	110825	LRS00949	111001	LRS01129	110720
LRS00732	111750	LRS00827	112289	LRS00956	112039	LRS01131	110933
LRS00733	110867	LRS00828	110812	LRS00960	110535	LRS01132	111047
LRS00733	112290	LRS00828	113846	LRS00961	111636	LRS01133	110421
LRS00734	110840	LRS00837	110517	LRS00962	111637	LRS01134	110551
LRS00735	112295	LRS00837	110521	LRS00963	111400	LRS01135	111021
LRS00735	113481	LRS00838	110814	LRS00964	112167	LRS01136	110718
LRS00736	110840	LRS00838	111693	LRS00965	111906	LRS01137	110356
LRS00737	110584	LRS00839	110517	LRS00966	112286	LRS01139	111475
LRS00738	111136	LRS00839	110518	LRS00967	111552	LRS01140	110292
LRS00739	110461	LRS00839	110521	LRS00968	110615	LRS01143	110292
LRS00741	111387	LRS00840	110520	LRS00969	111346	LRS01144	110813
LRS00741	112336	LRS00841	110518	LRS00970	112125	LRS01145	112178
LRS00742	112308	LRS00841	110582	LRS00971	112309	LRS01148	113408
LRS00743	111421	LRS00842	110521	LRS00972	112454	LRS01149	112246
LRS00744	113389	LRS00843	110520	LRS00973	110575	LRS01150	110808
LRS00745	110842	LRS00845	110213	LRS00973	111506	LRS01151	110144
LRS00746	110212	LRS00847	110529	LRS00974	111534	LRS01153	111098
LRS00747	111640	LRS00847	110640	LRS00975	110279	LRS01154	112173
LRS00749	111130	LRS00848	110519	LRS00976	112251	LRS01156	110866
LRS00749	113443	LRS00848	110522	LRS00977	111900	LRS01160	113846
LRS00750	111911	LRS00848	110812	LRS00978	113701	LRS01161	111130
LRS00750	114118	LRS00849	111274	LRS00979	111305	LRS01165	111007
LRS00751	111070	LRS00850	110529	LRS00985	111983	LRS01167	110810
LRS00751	114460	LRS00850	110813	LRS00986	110582	LRS01168	112674
LRS00752	111543	LRS00857	110771	LRS00987	112555	LRS01169	110447
LRS00754	111125	LRS00858	110771	LRS00989	111422	LRS01170	110574
LRS00755	112141	LRS00860	110208	LRS00990	112321	LRS01173	110469
LRS00755	112235	LRS00861	110534	LRS00991	112537	LRS01174	110551
LRS00756	111131	LRS00862	110531	LRS00992	112235	LRS01176	110486
LRS00756	111750	LRS00863	110208	LRS00993	112340	LRS01178	111304
LRS00757	111131	LRS00865	110533	LRS00995	111455	LRS01180	111404
LRS00760	111030	LRS00867	110364	LRS00996	110835	LRS01184	111445
LRS00760	111131	LRS00871	110341	LRS00997	111251	LRS01188	110472
LRS00760	111269	LRS00874	110793	LRS00998	113753	LRS01189	110947

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRS01190	111015	LRS01351	113702	LRS01505	113725	LRS01673	113842
LRS01193	111449	LRS01352	111762	LRS01507	113794	LRS01674	113841
LRS01197	110539	LRS01353	113231	LRS01510	111334	LRS01676	114163
LRS01198	110820	LRS01356	111242	LRS01511	111682	LRS01683	113122
LRS01202	112173	LRS01359	112341	LRS01512	110961	LRS01689	111784
LRS01204	110538	LRS01360	111087	LRS01517	112013	LRS01692	114135
LRS01206	112374	LRS01361	111970	LRS01519	112014	LRS01693	111473
LRS01211	110854	LRS01362	110437	LRS01520	110460	LRS01700	114162
LRS01216	111127	LRS01363	111785	LRS01521	113044	LRS01701	113513
LRS01217	110295	LRS01366	111333	LRS01523	113749	LRS01702	112474
LRS01220	111312	LRS01367	111912	LRS01525	111849	LRS01711	113630
LRS01223	111404	LRS01370	111763	LRS01530	113115	LRS01712	113937
LRS01224	111305	LRS01374	112442	LRS01534	112217	LRS01714	114059
LRS01225	110720	LRS01376	113040	LRS01536	112248	LRS01715	113964
LRS01227	111560	LRS01378	111784	LRS01537	113481	LRS01726	113962
LRS01230	110590	LRS01379	112172	LRS01539	113459	LRS01729	113929
LRS01232	112166	LRS01382	112533	LRS01540	112430	LRS01732	113256
LRS01234	111785	LRS01384	110602	LRS01544	112178	LRS01737	113933
LRS01236	111224	LRS01386	111769	LRS01546	113241	LRS01744	113819
LRS01237	110568	LRS01387	110942	LRS01547	110940	LRS01745	113020
LRS01238	112213	LRS01388	111557	LRS01548	111905	LRS01748	112904
LRS01242	113168	LRS01389	112221	LRS01549	111456	LRS01751	112845
LRS01246	110819	LRS01391	112986	LRS01550	113974	LRS01757	110364
LRS01248	113307	LRS01395	113616	LRS01551	113965	LRS01762	113097
LRS01250	111047	LRS01397	112016	LRS01552	113282	LRS01766	111107
LRS01253	111451	LRS01398	112911	LRS01553	111276	LRS01767	112455
LRS01254	111273	LRS01401	112341	LRS01555	113644	LRS01768	110811
LRS01256	110627	LRS01402	111273	LRS01556	114123	LRS01771	111107
LRS01261	111472	LRS01405	110223	LRS01559	113481	LRS01775	113172
LRS01265	111459	LRS01408	112267	LRS01560	113618	LRS01776	111209
LRS01271	112542	LRS01412	111786	LRS01563	112442	LRS01777	111817
LRS01272	112034	LRS01414	113757	LRS01564	112444	LRS01781	110414
LRS01273	111759	LRS01415	111703	LRS01565	112676	LRS01785	112911
LRS01274	110602	LRS01416	111370	LRS01566	112218	LRS01786	112897
LRS01275	111034	LRS01417	111724	LRS01566	113932	LRS01787	110626
LRS01276	112034	LRS01422	111855	LRS01567	113329	LRS01788	111277
LRS01279	112041	LRS01424	113218	LRS01568	112373	LRS01789	111699
LRS01281	111488	LRS01425	112276	LRS01571	112474	LRS01791	113925
LRS01283	110933	LRS01426	110941	LRS01572	113125	LRS01794	111786
LRS01286	110468	LRS01428	111300	LRS01573	112291	LRS01797	110468
LRS01287	111189	LRS01429	112546	LRS01575	114051	LRS01800	111786
LRS01289	112268	LRS01432	112084	LRS01576	111699	LRS01801	114127
LRS01290	113816	LRS01434	112040	LRS01579	111070	LRS01802	110566
LRS01292	110485	LRS01436	113445	LRS01580	112534	LRS01807	111218
LRS01294	111300	LRS01438	111442	LRS01581	112053	LRS01811	110474
LRS01295	111456	LRS01439	112172	LRS01582	112445	LRS01812	111218
LRS01296	112267	LRS01442	110617	LRS01588	112497	LRS01813	112651
LRS01297	111492	LRS01443	110421	LRS01589	112497	LRS01818	113484
LRS01298	111456	LRS01444	113207	LRS01591	111874	LRS01829	110347
LRS01300	111885	LRS01446	112217	LRS01592	112436	LRS01835	110616
LRS01301	113137	LRS01447	112036	LRS01593	113927	LRS01839	113194
LRS01304	113481	LRS01449	113206	LRS01595	111034	LRS01840	110581
LRS01306	111730	LRS01451	112369	LRS01600	113726	LRS01841	110474
LRS01307	113022	LRS01452	113313	LRS01601	112476	LRS01842	111913
LRS01308	112374	LRS01453	112322	LRS01606	111333	LRS01843	110576
LRS01309	111728	LRS01457	111855	LRS01607	110958	LRS01845	112670
LRS01310	111382	LRS01459	113629	LRS01609	112371	LRS01848	113210
LRS01312	110485	LRS01460	111971	LRS01610	113515	LRS01849	110998
LRS01313	112175	LRS01461	112380	LRS01617	113408	LRS01856	112174
LRS01314	112545	LRS01464	111190	LRS01620	110530	LRS01859	111003
LRS01315	112659	LRS01468	111272	LRS01622	112442	LRS01861	110616
LRS01316	111197	LRS01469	111766	LRS01623	113327	LRS01862	110535
LRS01317	111224	LRS01471	112441	LRS01626	110485	LRS01864	113464
LRS01318	110940	LRS01472	113638	LRS01630	113339	LRS01873	112649
LRS01319	110415	LRS01474	114123	LRS01632	113761	LRS01874	110556
LRS01321	110552	LRS01475	113446	LRS01633	111260	LRS01881	110490
LRS01322	112074	LRS01479	113314	LRS01634	110588	LRS01886	113191
LRS01323	111425	LRS01481	110323	LRS01636	113613	LRS01889	112323
LRS01324	111492	LRS01483	111551	LRS01638	113303	LRS01890	112372
LRS01326	110461	LRS01484	111755	LRS01643	112672	LRS01891	112116
LRS01327	110569	LRS01486	112135	LRS01646	111699	LRS01893	111679
LRS01328	112370	LRS01489	111969	LRS01647	112388	LRS01894	113746
LRS01330	114106	LRS01491	112033	LRS01655	113521	LRS01896	112055
LRS01336	113444	LRS01492	113318	LRS01656	113638	LRS01897	111910
LRS01339	112277	LRS01495	112846	LRS01657	113325	LRS01899	112055
LRS01340	111544	LRS01498	113968	LRS01658	113805	LRS01901	113850
LRS01343	112365	LRS01499	112440	LRS01659	112367	LRS01903	112224
LRS01344	111005	LRS01501	112374	LRS01667	113323	LRS01905	111254
LRS01348	110958	LRS01503	112277	LRS01672	113509	LRS01906	112117

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRS01907	111771	LRS02066	111550	LRS02268	113934	LRT00146	111420
LRS01908	113468	LRS02067	113132	LRS02269	114171	LRT00147	111228
LRS01910	111254	LRS02070	110713	LRS02272	113891	LRT00147	112124
LRS01910	111254	LRS02071	111685	LRS02273	113859	LRT00148	111685
LRS01911	111247	LRS02072	111451	LRS02280	114237	LRT00150	113752
LRS01917	112037	LRS02074	111421	LRS02295	113932	LRT00156	111562
LRS01918	112323	LRS02075	112125	LRS02303	113937	LRT00157	111558
LRS01919	113203	LRS02080	114199	LRS02308	112547	LRT00158	111088
LRS01923	113184	LRS02082	111564	LRS02309	113797	LRT00159	110847
LRS01925	113195	LRS02083	111751	LRS02312	113797	LRT00160	113745
LRS01928	112822	LRS02084	111848	LRS02322	113672	LRT00161	112172
LRS01929	112437	LRS02085	112336	LRS02323	113907	LRT00163	112290
LRS01930	112116	LRS02087	111554	LRS02324	113911	LRT00163	114119
LRS01934	112366	LRS02088	110354	LRS02328	110552	LRT00165	111680
LRS01936	112494	LRS02089	110836	LRS02338	113926	LRT00167	111906
LRS01938	112581	LRS02090	110587	LRS02341	114073	LRT00168	111485
LRS01941	113129	LRS02092	110310	LRS02343	114020	LRT00169	111865
LRS01942	113277	LRS02095	111422	LRS02348	114029	LRT00170	112533
LRS01943	113468	LRS02096	112214	LRS02349	113303	LRT00172	111904
LRS01945	113356	LRS02098	112295	LRS02351	113821	LRT00173	111823
LRS01946	110347	LRS02099	112006	LRS02355	112646	LRT00174	113605
LRS01947	113980	LRS02100	114460	LRS02365	110839	LRT00175	111123
LRS01950	113676	LRS02102	111865	LRS02368	112083	LRT00176	110461
LRS01952	113484	LRS02104	111422	LRS02375	113696	LRT00176	112251
LRS01953	111003	LRS02105	111347	LRS02377	114093	LRT00177	111909
LRS01954	113466	LRS02106	110584	LRS02393	111844	LRT00178	112005
LRS01957	112822	LRS02107	111123	LRS02406	114328	LRT00179	111900
LRS01958	112823	LRS02108	112295	LRS1290	113816	LRT00181	111463
LRS01959	110211	LRS02109	112818	LRS138	110464	LRT00182	112006
LRS01961	113609	LRS02110	112368	LRS2407	114021	LRT00183	113025
LRS01965	114071	LRS02113	111550	LRS2853	113710	LRT00187	112103
LRS01968	113897	LRS02114	110315	LRS755	113217	LRT00188	112026
LRS01970	113468	LRS02115	113276	LRS926	110545	LRT00189	111849
LRS01972	113759	LRS02120	110152	LRT00100	111241	LRT00190	111848
LRS01974	110210	LRS02125	110862	LRT00101	111508	LRT00194	111251
LRS01975	114053	LRS02129	111475	LRT00102	112301	LRT00195	112454
LRS01976	110813	LRS02130	111131	LRT00103	111349	LRT00197	111994
LRS01976	110813	LRS02132	111751	LRT00104	114318	LRT00198	111422
LRS01983	111054	LRS02136	111489	LRT00105	113928	LRT00199	113430
LRS01985	111752	LRS02138	112455	LRT00106	110574	LRT00200	114321
LRS01987	111054	LRS02141	110209	LRT00106	111805	LRT00201	113443
LRS01988	111752	LRS02143	110205	LRT00107	111848	LRT00202	112821
LRS01990	111124	LRS02144	110521	LRT00108	112053	LRT00203	111307
LRS01996	111070	LRS02146	110212	LRT00110	111214	LRT00204	111306
LRS02000	111055	LRS02149	110208	LRT00111	111311	LRT00205	111931
LRS02001	111451	LRS02151	110534	LRT00113	111442	LRT00206	113267
LRS02003	111694	LRS02152	113466	LRT00113	113024	LRT00207	113346
LRS02008	111120	LRS02154	110524	LRT00114	111559	LRT00208	113281
LRS02010	110308	LRS02155	110206	LRT00114	112083	LRT00213	113649
LRS02011	110368	LRS02156	110582	LRT00115	112819	LRT00216	113314
LRS02013	111106	LRS02157	113979	LRT00116	112013	LRT00217	111995
LRS02017	111114	LRS02160	113702	LRT00116	112818	LRT00218	112429
LRS02018	111728	LRS02168	113843	LRT00117	111374	LRT00219	112236
LRS02019	111127	LRS02170	110634	LRT00118	111556	LRT00220	112435
LRS02024	110336	LRS02174	113773	LRT00119	111911	LRT00221	112438
LRS02025	111122	LRS02180	112498	LRT00120	111549	LRT00222	112083
LRS02027	111442	LRS02185	112296	LRT00123	113361	LRT00223	112431
LRS02028	111851	LRS02186	113796	LRT00124	112295	LRT00224	112320
LRS02029	111447	LRS02190	110156	LRT00125	111821	LRT00226	111908
LRS02030	111544	LRS02194	114094	LRT00125	113644	LRT00228	112553
LRS02031	110368	LRS02199	114169	LRT00126	111029	LRT00229	111396
LRS02033	112306	LRS02205	111911	LRT00127	111554	LRT00234	113286
LRS02037	110842	LRS02207	111458	LRT00127	111874	LRT00235	113761
LRS02039	112013	LRS02210	112255	LRT00129	111455	LRT00236	111251
LRS02040	111131	LRS02217	113938	LRT00129	111984	LRT00237	112218
LRS02041	111525	LRS02221	112579	LRT00131	111690	LRT00240	112475
LRS02042	111506	LRS02222	113453	LRT00132	113451	LRT00244	113271
LRS02045	110443	LRS02223	113935	LRT00133	113387	LRT00250	112080
LRS02046	111608	LRS02227	113608	LRT00134	111851	LRT00600	110450
LRS02047	111464	LRS02228	111065	LRT00135	111399	LRT00604	110454
LRS02050	110530	LRS02233	113108	LRT00136	111693	LRT00605	110449
LRS02053	111548	LRS02241	113205	LRT00137	110524	LRT00606	112084
LRS02055	110808	LRS02242	110530	LRT00137	113979	LRT00607	110493
LRS02056	111566	LRS02243	113959	LRT00138	111996	LRT00608	111024
LRS02058	111446	LRS02244	113756	LRT00139	113674	LRT00609	110454
LRS02059	112308	LRS02246	113860	LRT00140	112459	LRT00610	110449
LRS02060	112125	LRS02252	113719	LRT00142	111905	LRT00610	110566
LRS02062	110840	LRS02254	112227	LRT00143	111641	LRT00611	112091
LRS02065	111475	LRS02258	112227	LRT00145	111630	LRT00612	110452

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRT00612	110998	<b>MAGNETI MARELLI</b>		054022639	111355	63216702	110520
LRT00613	110998	27522	110819	054022640	112238	63216703	110518
LRT00615	112090	27540	110819	054022641	110770	63216704	110521
LRT00616	111024	27571	110819	054022641	112238	63216725	110521
LRT00617	111097	MAR5009	110618	054022642	110770	63216726	110521
LRT00618	110450	MAR5029	113438	054022642	111355	63216727	110521
LRT00619	110452	MAR5032	112703	054022643	110770	63216731	110517
LRT00630	111097	MAR5043	112681	054022646	112238	63216731	110521
LRT00631	110518	MAR5161	111171	054022647	110770	63216731	110521
LRT00632	110449	MAR5164	111326	054022647	111355	63216733	110520
LRT00633	112655	MAR5651	112058	054022649	110770	63216733	110520
LRT00636	111097	MAR5713	112696	054022650	111176	63216740	110518
LRT00641	110450	MAR6003	112754	054022654	111361	63216741	110518
LRT00643	110454	MAR6200	111513	054022656	112722	63216741	110518
LRT00653	112090	MAR6223	112688	054022664	111361	63216747	110521
LRT00656	110452	MAR7076	112059	54022720	111623	63216748	110521
NAB300	110968	MAR7511	111515	54022720	111742	63216748	110521
NAB301	110969	2707130	110442	54293284	110615	63216800	110529
NAB302	110970	4737758	110519	63101002	111422	63216802	110519
NAB303	110971	4755110	110522	63101003	114123	63216808	110812
NAB304	110972	4755112	110519	63101007	112380	63216814	110530
NAB307	110975	06322908	110826	63101008	114123	63216816	111001
NAB501	110977	30180246	110365	63101015	112382	63216825	110529
NAB900	110497	30180285	110826	63101018	112382	63216826	110529
NAB900OM	113152	30180309	110814	63101021	113962	63216827	110529
NAB900M	112237	30281003	110521	63101022	114123	63216831	110529
NAB901	110977	30281004	110521	63101023	114123	63216833	110519
NAB902	110976	30281013	110521	63102003	111420	63216833	110519
NAB903	110577	30281017	110520	063102003	111420	63216833	110519
NAB904	110976	30281018	110517	63102007	112382	63216833	110812
NAB905	111204	30281020	110518	63102008	111630	63216873	110522
NDB100	110482	30281027	110520	063102008	111630	63216874	110529
NDB101	110483	30380301	110529	63102018	112382	63216876	110530
NSB101	110831	30380319	110813	63102020	112382	63216876	110530
NSB102	110840	30680274	111180	63102021	114123	63216884	110530
NSB103	110831	30680307	110612	063102021	114123	63216884	110530
NSB132	112124	30680316	112768	63102022	113962	63216896	110522
NSB317	111080	30680350	110912	063102022	113962	63216896	110522
NSB409	110440	30680352	110612	63103002	112124	63216898	110522
NSB415	110818	30680353	110890	063103002	112124	63217101	110813
NSB500	110442	50246218	111010	63103007	112124	63217104	110814
NSB501	110442	50246416	112537	63103015	112382	63217105	110812
NSB503	110443	50246532	111228	63103019	111310	63217106	111284
NSB509	110439	50246648	112124	63103022	112124	63217118	110812
NSB511	110440	054022197	111364	063103022	112124	63217121	110640
NSB512	110441	054022238	110968	63103024	112382	63217121	113381
NSB513	110818	054022379	112238	63103025	111630	63217121	113381
NSB515	110464	054022384	110770	63103031	113962	63217125	110813
NSB520	110462	054022384	110968	63111005	111685	63217126	110529
NSB521	110461	054022384	111289	63111006	111911	63217126	110813
NSB522	110615	054022384	111362	63111007	111685	63217126	110813
NSB523	110545	054022384	111364	63111023	111347	63217138	110530
NSB524	110615	054022474	111176	63111043	111347	63217147	110814
NSB529	110565	054022581	111289	63112003	113752	63217148	110814
NSB530	110819	054022581	111356	063112003	113752	63217148	110814
NSB531	110565	054022584	111176	63113001	113925	63217148	111693
NSB532	110459	054022584	111741	63113002	113430	63217154	110519
NSB534	113380	054022584	111176	63113003	112379	63217154	110812
NSB535	110465	054022585	112725	063113003	112379	63217154	110812
NSB540	110565	054022597	111360	63114014	112026	63217158	112039
S0850	110813	054022597	113920	63114017	113446	63217163	111284
S1373	111490	054022598	110770	63187051	112821	63217201	110517
S2736	112909	054022598	111356	63191007	112380	63217225	110517
S2753	112910	054022598	111364	063191007	112380	63217226	110517
S2755	112913	054022598	111366	63193001	113925	63217226	110517
S2757	111786	054022598	112238	63201000	110608	63217410	111693
S2762	112911	054022600	111741	63201001	110608	63220537	110365
S2763	112898	054022601	111741	63201004	110608	63220700	110826
S2765	112904	054022602	111176	63201005	110608	63220701	110338
S2930	110225	054022603	110891	63201100	110608	63220703	110365
S2931	110225	054022604	110891	63201101	110608	63220705	110826
S4515	110819	054022625	111362	63206704	110524	63220713	110365
S4523	110818	054022626	110770	63206834	111755	63220721	110338
S9081	110315	054022628	111356	63213815	110529	63220723	110365
S9415	110810	054022628	111362	63214308	110520	63220731	110338
S9421	110810	054022630	111364	63214333	110520	63220733	110365
S9463	113668	054022631	110770	63214371	110520	63220735	110826
S9620	112911	054022636	110770	63216701	110521	63220741	110338
S9911	110626	054022639	110968				
S9930	110942						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
063220741	110338	063222908	111585	063227468	110440	63293039	113750
063220741	110826	63222936	111422	063227468	110441	063293039	113750
63220743	110365	63223001	112124	063227470	110439	063293103	113346
63220800	110826	63223031	112124	63227470	110819	63293537	111911
063220931	111118	63223033	112124	63227478	110615	63293538	113701
63220931	111423	63223035	111228	63227480	110819	063293538	113701
63221300	110825	63223039	113750	063227485	110442	63296357	110615
63221303	111104	063223085	111228	063227486	110443	063296842	112135
63221305	111058	63223085	112124	63227486	110615	63300506	110899
63221306	111058	063223085	112289	063227487	110442	63300521	111180
63221307	111058	63223101	112124	063227488	110439	63300802	111180
63221330	110825	063223101	112124	63227488	110819	63300900	111180
063221330	110825	063223101	112289	63227489	110464	63300901	111180
063221330	111228	63223103	113346	063227489	110464	63300920	111180
63221333	111104	63223104	113346	063227501	110459	63300921	111180
063221333	111104	63223200	111422	63227501	110461	63303100	110611
63221335	111058	63223203	110836	063227501	110461	63303110	110611
63221400	111106	63223206	110836	063227501	112251	63303130	110611
63221401	112289	63223207	110836	063227502	111737	63303140	110611
63221403	111106	63223233	110836	63227508	112660	63303191	110611
63221405	112034	63223236	110836	63227512	110545	63303192	110611
63221430	111106	63223237	110836	63227520	110615	63303500	110611
063221431	110825	63223300	110836	63227528	110818	63303502	111078
63221431	112289	63223303	112124	063227528	111499	63303581	110912
063221431	112289	63223304	111088	63227541	111346	63303610	111035
063221433	110836	63223330	110836	063227543	110459	63303701	111078
63221433	111106	63223332	110836	063227553	112136	63303702	110612
063221433	111106	063223332	110836	063227553	113380	63303703	111078
63221500	111118	063223332	111619	063227554	110454	63303721	111078
63221530	111118	63223430	111117	063227554	110465	63303731	111078
063221532	112289	063223430	111117	063227554	110615	63303733	111078
63221533	111117	63223431	110854	063227559	110460	063303733	111078
63221535	111058	63223432	112455	063227564	111574	63303739	111411
63221604	111505	63223433	111400	63227564	112267	63303780	111138
63221632	111106	63223434	111010	63227565	111346	63304011	112097
63221637	111228	063223435	111911	63227568	111346	63304012	112097
63221800	111025	63223435	114118	63227569	110462	63304021	112097
63221801	111423	63223436	110854	063227569	110462	63304031	112097
63221830	111025	063223436	110854	63227585	110615	63304041	112097
63221831	111423	63223438	112309	63227588	110615	63304051	112097
63221832	110365	63223530	110854	63227590	111346	63304061	112097
63221890	111025	63223531	110854	063227592	110615	63304087	112097
63221892	110365	63223531	110854	063227593	110819	63304100	112097
063221892	110365	063223532	112455	63227596	110615	63304120	112097
63222005	113446	63223537	111911	63227598	111346	63304800	110611
63222034	111421	63223538	113701	63227599	111346	63305000	111138
063222034	111421	63223730	111685	63227601	112136	63305020	110912
63222035	112533	63224170	110521	063227601	112136	63305100	111138
063222035	112533	63224580	110521	63230001	113346	63305101	110612
63222036	111423	63224600	110529	63253010	111131	63305120	112768
63222038	112125	63226301	110213	63253020	110867	63305130	111138
063222130	111423	63226391	110213	063280005	112235	63305131	110612
63222133	111423	63226631	112390	063280010	111906	63305150	110912
63222134	112125	063226686	110840	063280021	113905	63305206	110882
063222134	112125	63226689	111750	063280022	112821	63305226	110882
63222135	112125	63226801	111865	063280023	113794	63305236	110882
63222138	111421	063226801	111865	063280027	113907	63305256	110882
063222138	111421	63226845	110818	063280029	113908	63305276	110882
63222405	110352	063226845	111608	63280031	113909	63305300	110912
63222408	110352	63226920	112277	063280032	111374	63305310	110912
63222435	110352	63226942	110867	063280034	111374	63305400	110912
63222436	110352	063226942	110867	063280036	113911	63305401	111035
63222438	110352	063227004	112141	63280040	113654	63305404	110912
63222506	110352	063227009	112536	63280041	113655	63305405	110912
63222831	112124	063227014	110337	63280042	113962	63305406	110912
63222836	111585	063227014	111053	063280042	113962	63305424	110912
63222837	111585	063227014	111056	063280044	113962	63305425	110912
63222888	111422	63227014	111131	063280046	113719	63305426	110912
63222889	111422	063227014	111131	063280048	113962	63305430	110912
63222890	111422	063227017	111750	063280050	113244	63305431	111035
63222897	111585	063227034	113346	063280051	111550	63305450	110912
63222900	111630	063227035	113346	063280052	111874	63305506	110890
63222904	111420	063227046	111303	063280057	114239	63305520	110912
63222905	111585	63227413	110818	63280070	111911	63305526	110890
063222905	111585	063227413	110818	063280090	113926	63305606	110890
063222908	110365	063227421	110439	63280901	113659	63305621	110912
63222908	111585	063227460	110441	063280901	113659	63305700	110880
				63291405	110585	63305720	110880

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
063305720	110880	63308320	112097	63320243	112325	063321060	110991
63305721	110911	63308330	112097	63320258	111505	63321061	110912
63305722	110911	63308340	112097	63320277	111688	63321062	111620
63305800	111153	63308350	112097	63320289	112025	063321062	111620
63305801	111620	63308360	112097	63320305	112022	63321063	112097
63305802	111686	63308370	112097	63320315	112025	063321067	111036
63305820	111153	63308380	112097	63320317	112324	63321067	111621
63305822	111686	63308701	111078	63320333	113939	63321068	111148
63305832	111686	63308731	111078	63320347	112324	063321068	111148
63305842	111686	063310508	113247	63320349	113763	63321070	111148
63305862	111078	063310509	112059	63320510	113667	63321071	110912
63306000	112097	63320001	111036	63320511	111416	63321072	111620
63306050	112097	63320002	111078	63320531	112325	63321077	111654
63306060	112097	63320003	112719	63321000	111036	63321080	110912
63306070	112097	63320004	111035	63321001	111078	63321081	112719
63306079	112097	63320005	110612	63321003	111035	63321081	112728
63306089	112097	63320006	110612	63321004	111035	063321082	111036
63306300	112097	63320007	112719	63321004	110612	63321082	113471
63306301	112097	63320008	112719	63321005	111035	63321082	113471
63306302	112097	63320010	110991	63321006	110612	063321083	110754
63306350	112097	63320013	111654	63321007	111148	063321083	110920
63306360	112097	63320015	111686	63321008	110912	63321083	111082
63306370	112097	63320016	111148	63321010	110912	63321083	111082
63306379	112097	63320017	111654	063321011	110890	063321083	112298
63306389	112097	63320018	111620	063321011	110912	063321083	112728
63306701	111078	63320020	111654	063321011	111138	63321084	111620
63306721	111078	63320021	110882	63321011	112719	63321086	111620
63306731	111078	063320021	110882	063321011	112719	063321086	111620
63307100	111138	63320022	113838	063321011	112768	063321086	111654
63307101	110612	63320023	110890	63321013	110991	063321086	111686
63307105	110612	063320023	110890	63321015	110991	63321091	113472
63307106	111078	63320024	111418	63321017	111654	63321095	112768
63307108	111078	63320025	112097	063321017	111654	63321096	111620
63307120	111138	063320025	112097	063321017	112719	063321096	111620
63307125	110612	63320026	111620	63321019	111686	63321097	113473
63307126	111078	63320028	111035	063321019	111686	63321098	113473
63307128	111078	63320030	110991	63321020	111686	63321099	111686
63307131	110612	63320031	112719	063321021	110882	63321103	112719
63307150	110912	63320032	111620	063321021	110890	63321103	112719
63307160	110912	63320034	111621	063321021	111078	63321104	112097
63307206	110882	63320035	111148	063321021	111620	063321109	111035
63307207	110882	63320037	112768	063321021	111686	063321112	110882
63307227	110882	63320039	111082	63321021	111686	063321112	110912
63307236	110890	63320040	113471	063321021	111686	063321112	111620
63307246	110882	63320042	111620	63321022	111686	063321112	111654
63307256	110882	63320044	111620	063321022	111686	63321112	112719
63307400	110912	63320046	111620	063321023	110882	063321112	112719
63307401	111035	63320047	113473	063321023	110912	063321114	111082
63307403	110991	63320048	113472	63321023	111148	063321114	111082
63307405	110912	63320049	111686	063321023	111148	063321114	112728
63307406	110991	63320049	111686	63321028	112719	63321115	112097
63307407	110912	063320049	112097	63321029	111654	63321120	112719
63307410	110912	063320049	112719	63321031	111686	63321123	111654
63307420	110912	63320053	112719	63321035	110882	63321136	113471
63307425	110912	63320055	111148	63321036	110882	63321137	113473
63307427	110912	63320056	111035	63321037	110882	63321137	113473
63307429	110912	63320060	112097	63321039	113838	63321146	111686
63307430	110912	063320060	112097	063321039	113838	63321149	113472
63307431	111035	63320073	113473	63321041	110890	63321150	113473
63307450	110912	63320082	113472	063321041	110890	063321151	111148
63307460	110912	63320083	113472	063321042	110882	63321151	113472
63307470	110912	63320083	113472	063321042	110882	063321151	113472
63307503	110991	63320091	111032	63321042	110890	63321152	111620
63307506	110890	63320094	111687	63321042	111418	063321152	111620
63307526	110890	63320100	110890	063321044	110882	63321153	111620
63307536	110890	63320105	111620	63321044	111418	063321153	111620
63307604	111148	63320111	113533	063321044	111418	063321154	110612
63307624	111148	63320112	110912	63321044	113838	63321154	111035
63307634	111148	63320121	111620	63321045	112097	63321154	111035
63307801	111620	63320125	112719	63321046	112097	063321154	111085
63307802	111686	63320125	112719	63321047	112097	063321154	111180
63307805	111686	63320126	111654	63321048	112097	063321154	111180
63307822	111686	63320128	110912	63321048	112097	063321154	113473
63307832	111686	63320129	111620	63321049	112097	063321155	113473
63307841	110890	63320130	111035	63321050	112097	63321156	113472
63307862	111686	63320132	113472	63321052	112097	63321156	113472
63307872	111686	63320132	113472	63321055	112097	063321156	113473
63308300	112097	63320140	113471	63321056	110912	63321157	113472
63308310	112097	63320141	110912	063321056	111620	063321157	113472
		63320200	111411	63321056	111620	63321159	111032
		63320218	111756	63321057	112728	063321159	111032
		63320219	111411	63321059	112727	63321160	111032

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
63321161	112097	63321349	111409	63321666	112325	063324157	110770
63321163	112097	63321355	113939	63321669	112121	063324161	110770
63321165	111687	63321358	112021	63321671	111723	063324161	112238
063321165	111687	63321361	111802	63321677	112142	063324188	110607
63321170	111803	63321362	111416	63321678	112143	063324188	111754
063321170	111803	63321364	111505	63321679	111795	063324198	111366
63321172	110912	63321367	111416	63321691	112121	063324199	111289
063321173	111036	63321391	112022	63321693	111633	063324199	111362
63321173	113471	063321391	112022	63321695	112325	063324202	110770
063321173	113471	63321395	112540	63321697	111795	063324220	110891
63321178	112728	63321396	111689	63321702	112384	063324231	111368
63321180	110890	63321402	111582	63321702	114025	63324233	110891
63321189	111036	063321402	111582	63321705	111633	063324233	110891
063321191	110912	63321405	112022	63321711	112654	63324242	112238
063321191	111654	63321406	111568	63321712	111411	063324245	110770
63321191	112719	63321409	112719	63321713	113335	063324245	111355
63321197	110912	063321409	112719	63321718	113718	063324249	111362
063321199	110912	63321412	111500	63321723	112782	063324256	111363
63321199	111654	63321418	113942	63321724	112121	063324264	110607
063321199	111654	63321419	113939	63321727	112203	063324264	111754
63321200	111411	63321421	113914	63321729	113536	63324273	111739
63321204	111416	63321422	112698	63321730	112121	063324273	111739
63321205	111802	63321423	111625	63321733	113405	63324274	111740
63321227	111568	63321425	112325	63321734	113575	063324274	111740
63321229	112022	63321426	112095	63321740	113404	063324276	110770
63321231	112540	63321433	111106	63321741	112648	063324277	111362
063321231	112540	63321434	112324	63321743	113621	063324290	111738
63321232	113942	63321436	113939	63321744	114384	063324294	110770
63321233	111411	63321453	111568	63321746	112142	63324294	111355
63321234	113537	63321454	110612	63321747	113537	063324294	111355
63321235	111505	63321465	112698	63321753	113529	63324295	113623
63321237	111568	63321466	113763	63321758	113599	063324296	110770
63321238	111756	63321470	111411	63321765	113535	063324296	111364
63321239	112202	63321473	112698	63321770	110619	063324308	111741
63321240	112025	63321485	111568	63321771	111723	063324311	111148
63321241	111409	63321488	113471	63321772	112782	63324311	113625
63321243	112025	63321489	111568	63321775	113535	063324316	111367
63321244	112121	63321493	110912	63321778	114066	063324316	111743
63321245	111500	63321497	113336	63321788	113684	063324318	110770
63321246	111409	63321497	113943	63321790	113684	063324318	111289
63321251	111416	63321501	113336	63321792	111568	63324327	111363
63321252	111689	63321501	113943	63321800	111409	063324348	111176
63321257	112325	63321506	113939	63321801	113942	63324384	113623
63321270	111411	63321507	113336	63321802	111625	63324385	113623
63321275	111416	63321510	111148	063321802	111625	63324387	111355
63321276	111802	63321600	111411	63321803	113939	063324387	111355
63321278	111413	063321600	111411	63321804	113336	063324400	112722
63321279	111795	63321602	113537	63321804	113943	63324407	112722
63321280	113537	63321603	111505	63321805	113336	063324407	112722
63321281	111505	63321604	111505	63321805	113943	063324409	111368
63321282	111416	063321604	111505	63321806	113943	63325256	111363
63321283	111689	63321605	113335	63321809	111413	063340003	113763
63321285	112718	63321606	111689	63321810	113536	63340004	112021
63321287	113536	063321606	111689	063321810	113536	063340007	112324
63321295	111689	63321607	111689	63321817	113621	63341200	111411
63321299	111582	063321607	111689	63321819	113536	63341233	111411
63321300	111505	63321609	111689	63321820	111416	63341238	111756
63321310	113942	63321611	111413	63321823	112142	063341238	111756
63321311	111413	63321612	113536	63321826	113336	63341239	112202
63321312	113667	63321613	113667	63321826	113943	063341239	112202
63321313	111625	63321614	111413	063321826	113943	63341240	112025
63321315	111500	63321615	111416	63321828	113405	63341243	112025
63321316	111625	063321615	111416	63321829	113872	063341243	112025
63321321	112021	63321616	111416	63321833	113338	63341244	112121
63321324	112698	063321616	111416	63321836	113536	63341321	112021
63321328	111688	63321617	111802	063321836	113536	63341343	112698
063321328	111688	063321620	111802	063321839	111413	063341343	112698
63321329	111688	63321625	111689	63321848	111411	63341344	112698
63321330	113536	063321625	111689	63321859	113336	063341344	112698
63321331	111568	63321626	113684	63321862	113987	63341345	113914
063321331	111568	63321627	113684	063321862	113987	633341345	113914
63321332	111568	63321636	112203	63321863	113684	63341353	112025
063321332	111568	63321640	111725	63321870	113537	63341358	112021
63321343	112698	63321641	110619	63321896	114025	63341434	112324
63321344	112698	63321658	112384	63321897	114025	063341434	112324
63321345	113914	63321658	114025	63321898	112142	63341636	112203
63321346	112718	63321660	111416	63321940	113996	63341641	110619
063321346	112718	63321661	111416	63324145	111364	63341658	112384
63321348	111633	63321663	113537	063324145	111364	63341666	112325

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63341669	112121	063380010	113710	943216896	110522	943251111	110837
63341677	112142	063388505	112681	943217121	113381	943251113	112295
63341678	112143	63395575	112719	943217147	110814	943251114	110367
63341679	111795	63396554	111082	943217148	110814	943251114	110866
63341691	112121	63505101	111035	943217163	110530	943251121	110793
63341695	112325	063520003	113962	943217163	111284	943251122	111109
63341697	111795	063521060	114051	943217226	110517	943251124	110790
63341702	112384	63521070	111015	943217407	110536	943251125	110860
63341711	112654	063521071	112307	943217410	111693	943251125	111063
063341711	112654	063521084	114460	943220735	110826	943251127	111070
63341712	111411	063521150	112172	943220735	111106	943251136	110584
63341723	112782	63522235	110813	943220931	111423	943251136	110640
63341724	112121	063522235	110813	943221003	111035	943251139	110847
63341727	112203	63522310	112498	943221020	111686	943251139	111122
63341730	112121	063522602	111123	943221333	111104	943251144	111070
63341733	113405	063522603	111476	943221430	111106	943251144	114460
063341734	113575	063522605	113659	943221433	111106	943251165	110363
063341740	113404	063522607	111849	943221530	111118	943251220	110771
63341746	112142	063522609	113329	943221535	111058	943251223	110160
63341758	113599	063522611	112322	943221670	111061	943251223	111054
063341758	113599	063522617	110811	943222030	111423	943251223	111489
63341770	110619	063522618	113805	943222034	111421	943251225	112167
063341770	110619	063522619	113521	943222138	111421	943251226	112052
63341778	114066	063522621	111307	943222837	110365	943251266	112308
63341797	111795	063522622	113329	943223085	112124	943251268	112308
63341896	114025	063522623	110809	943223430	110854	943251275	111619
63358010	111289	063522629	113860	943223433	111400	943251287	110352
63358020	111289	063523623	110536	943223435	114118	943251300	113134
063358061	113722	063523673	110525	943223436	110854	943251301	111107
063358062	113721	063532601	113331	943223438	112309	943251302	113389
63362003	110899	063532602	113657	943226294	110615	943251305	112295
63362004	110899	063532603	113519	943226329	110615	943251307	111114
63362006	110899	063532604	113343	943226348	110615	943251307	112541
63377002	113718	063532608	112333	943226357	110615	943251322	111751
063377002	113718	063532609	113330	943226359	110615	943251323	111694
63377004	114204	063532611	111405	943226366	110615	943251326	111748
63377005	113996	063532612	113791	943226369	110615	943251327	111749
063377005	113996	063532613	113518	943226391	110439	943251328	113483
63377006	113718	063532614	111309	943227502	110615	943251330	112166
063377006	113718	063532615	110802	943227518	110615	943251333	112321
63377008	113718	063532619	111714	943227520	110615	943251334	111848
063377008	113718	063532620	111847	943227524	110615	943251335	111131
63377010	113535	063532620	114114	943227570	110615	943251335	111750
63377013	113535	063532622	113328	943227572	110615	943251337	112290
063377013	113535	063532623	110804	943241016	110389	943251340	112307
63377300	113246	063532624	113331	943241031	111805	943251402	111115
063377401	112143	063532625	113343	943241044	111446	943251403	110793
63377402	111795	063532627	113792	943241046	110253	943251403	111066
063377402	111795	063532628	113791	943241048	110323	943251405	110860
63377404	112142	063532630	114350	943241050	110712	943251405	111063
063377404	112142	063532631	113498	943241058	111679	943251406	110825
63377409	112143	063532633	113349	943241071	110311	943251408	110869
063377409	112143	063532636	113350	943241074	110154	943251408	110997
63377410	111795	63532637	113498	943241092	110399	943251410	111058
063377410	111795	063532637	113498	943241102	111310	943251413	110336
63377412	112142	063533155	112406	943241107	111136	943251413	110831
063377412	112142	063533200	112407	943241124	110811	943251413	110870
63377413	112142	063533350	110619	943250108	110772	943251415	111112
63377416	113849	063533479	111426	943251002	110997	943251415	112537
063377416	113849	063534690	111987	943251008	110772	943251416	111694
63377418	114248	063534699	110895	943251015	110336	943251417	112321
063377433	113902	063534890	111289	943251015	111131	943251419	112172
63377436	111468	063534892	111364	943251048	110364	943251423	110587
63377461	113763	063534897	110766	943251050	110367	943251426	111489
63377462	113763	063536250	113274	943251052	110856	943251431	113844
63377464	113967	063536895	112302	943251054	110367	943251434	110865
63377490	114204	94317148	110814	943251054	110866	943251434	111751
63377491	113904	94335657	111082	943251056	111064	943251435	112131
063377491	113904	0633200021	110882	943251059	112541	943251436	113847
63377492	113955	633214434	112324	943251061	110341	943251438	110839
63377493	113720	943151434	113844	943251064	110835	943251439	111123
063380001	113883	943201005	110608	943251065	111066	943251439	111127
063380002	113912	943216731	110521	943251072	111100	943251441	111125
063380004	113708	943216748	110814	943251074	110774	943251443	110368
063380005	113709	943216818	110536	943251074	110835	943251445	110530
063380006	113709	943216831	110529	943251099	111115	943251445	110869
063380007	113913	943216852	111001	943251107	110585	943251446	110862
063380008	113710	943216861	110529	943251109	110587	943251449	113444
063380009	113710	943216876	110530	943251110	111068	943251452	110368

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
943251455	110771	943252198	110207	943321011	112719	943356098	111652
943251458	111030	943252201	110524	943321013	110912	943356098	111653
943251459	111131	943252203	110209	943321015	110991	943356108	111754
943251459	111750	943252204	110536	943321017	111620	943356108	110975
943251460	111030	943252205	110523	943321019	111686	943356115	110743
943251462	111030	943252205	113464	943321021	111686	943356118	110612
943251465	113845	943252206	110525	943321023	111148	943356118	111185
943251466	111130	943252207	110527	943321029	111654	943356118	111289
943251466	113443	943252208	110520	943321042	111418	943356119	110745
943251467	111129	943252208	111638	943321042	111686	943356120	110743
943251485	111052	943252210	110206	943321044	110882	943356125	111075
943251486	110997	943252210	110208	943321048	112097	943356134	110975
943251487	113451	943252212	110205	943321056	111620	943356137	111144
943251488	111130	943252216	113467	943321059	112727	943356142	111071
943251489	111251	943252217	110536	943321062	111620	943356142	111659
943251501	111120	943252220	110535	943321068	110612	943356146	110897
943251568	110347	943252221	110213	943321071	110912	943356146	111155
943251568	111000	943252222	112118	943321071	111138	943356148	110744
943251571	112133	943252223	110368	943321080	110912	943356148	111072
943251572	112286	943252223	111347	943321080	111654	943356148	111144
943251606	111053	943252228	110582	943321082	113471	943356148	111171
943251613	111055	943252230	110532	943321083	111082	943356150	110916
943251613	111127	943252231	110212	943321083	111082	943356151	110745
943251617	110824	943252232	110519	943321084	111620	943356158	112739
943251619	110865	943252233	111047	943321086	111620	943356168	110745
943251628	110864	943252235	110524	943321095	112768	943356169	110759
943251632	111131	943252236	112120	943321096	111620	943356169	111289
943251633	110858	943252237	110531	943321099	111686	943356170	111086
943251634	111112	943252240	110998	943321112	112719	943356174	110754
943251637	111052	943252241	110539	943321114	111082	943356174	110920
943251640	110996	943252243	112119	943321149	113472	943356183	110907
943251644	111056	943252244	110525	943321150	113473	943356183	111076
943251646	111058	943252245	110524	943321159	111032	943356183	111173
943251648	110824	943252248	113484	943321165	111687	943356185	111072
943251650	110862	943252249	113468	943321170	111803	943356188	110112
943251651	110838	943252252	112670	943321172	111654	943356188	110902
943251655	111060	943252254	110981	943321173	113471	943356188	111528
943251658	110336	943252256	111755	943321328	111688	943356188	111658
943251658	111131	943252273	113465	943321331	111568	943356188	112345
943251663	111059	943252274	113466	943321346	112718	943356188	112784
943251663	111748	943252276	111332	943321391	112022	943356188	113477
943251664	112440	943252278	111636	943321453	111568	943356191	111144
943251669	110824	943252281	112249	943321604	111505	943356192	112755
943251669	111010	943252282	111332	943321606	111689	943356197	111652
943251670	111061	943252284	111640	943321607	111689	943356197	112744
943251671	111059	943252290	111637	943321609	111689	943356202	111841
943251674	110862	943252294	110210	943321615	111416	943356205	112730
943251686	110865	943252294	113269	943321617	111802	943356206	111093
943251688	111131	943252295	111755	943321661	111416	943356207	111093
943251689	111131	943252298	112135	943322584	111176	943356207	111149
943251691	111131	943252299	112555	943324273	111739	943356209	111149
943251691	111269	943252690	112117	943324277	111362	943356211	111169
943251692	110842	943252858	113846	943326917	111620	943356211	111800
943251694	111347	943253242	111374	943340009	113763	943356211	112056
943251695	111851	943254033	113605	943341238	111756	943356212	111164
943251697	110844	943256849	112076	943341239	112202	943356213	111156
943251698	113845	943293541	113254	943341243	112025	943356213	111173
943251699	111270	943293542	112295	943341343	112698	943356214	110993
943251700	111112	943293544	112218	943341345	113914	943356215	110905
943251701	111069	943300921	110882	943341353	112025	943356217	111074
943251815	111750	943300921	111180	943341434	112324	943356219	111082
943251833	112455	943303100	110611	943346003	112754	943356220	110889
943251856	111619	943303733	111078	943346139	112705	943356223	111662
943251862	110351	943304120	112097	943352256	111755	943356224	110906
943252039	111304	943304800	110611	943352256	111793	943356226	111629
943252045	110537	943305226	110882	943354063	110684	943356229	111629
943252046	111218	943307805	111686	943354076	112059	943356230	112742
943252064	110582	943311420	112271	943355151	112058	943356231	110076
943252071	110536	943320021	110882	943356001	110357	943356231	111834
943252122	110775	943320023	110890	943356001	111652	943356232	113469
943252132	110537	943320025	112097	943356019	111083	943356233	113611
943252187	110210	943320037	112768	943356054	111289	943356234	110116
943252188	110531	943320049	111686	943356055	110969	943356236	113611
943252189	110534	943320060	112097	943356055	111086	943356245	111289
943252190	110208	943321000	111036	943356055	111289	943356245	113574
943252191	110533	943321004	110612	943356055	111364	943356246	112803
943252194	110206	943321007	110612	943356090	110911	943356247	112159
943252194	110210	943321007	111148	943356098	110357	943356248	112732
943252197	110214	943321010	110912	943356098	110919	943356248	112779

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
943356249	110881	943356522	112811	943356641	111799	943356789	111352
943356257	111095	943356523	110887	943356643	111799	943356794	111477
943356257	111287	943356525	112797	943356644	112760	943356797	111094
943356258	111842	943356528	111166	943356645	112768	943356797	111539
943356259	110113	943356528	111178	943356648	111147	943356797	112149
943356264	112288	943356528	112775	943356649	111147	943356799	111427
943356266	110349	943356529	111479	943356650	110877	943356803	112740
943356267	112343	943356530	111353	943356657	110914	943356805	111149
943356274	111180	943356531	110759	943356657	110972	943356806	110612
943356279	111072	943356531	111289	943356657	111168	943356808	110923
943356279	111172	943356531	112683	943356659	111166	943356809	110923
943356305	110882	943356532	110744	943356660	111800	943356811	112734
943356308	110876	943356535	110357	943356660	112056	943356812	110919
943356310	112456	943356535	111652	943356662	111170	943356816	112149
943356310	112532	943356536	110975	943356663	112730	943356817	110902
943356315	110178	943356536	111652	943356665	111163	943356817	111152
943356316	112768	943356537	110357	943356665	111171	943356818	112729
943356317	110179	943356537	111653	943356667	112744	943356823	111085
943356317	111184	943356538	112729	943356668	111653	943356826	110881
943356329	112681	943356539	111732	943356669	111652	943356848	111148
943356333	111139	943356539	112229	943356671	110972	943356849	112076
943356353	110890	943356544	111667	943356671	111168	943356850	112097
943356368	110908	943356548	110876	943356671	111800	943356851	111148
943356380	110350	943356549	113576	943356671	112056	943356859	111860
943356391	111498	943356551	112687	943356673	112735	943356859	112453
943356406	111076	943356551	112804	943356674	111288	943356865	112098
943356406	112162	943356552	110877	943356675	110902	943356889	110360
943356406	113624	943356553	112689	943356676	110896	943356903	110348
943356407	111170	943356554	111426	943356676	111287	943356918	111620
943356408	112056	943356554	111732	943356678	111152	943356960	111326
943356442	110913	943356555	110877	943356678	111154	943356964	112299
943356444	110913	943356555	112558	943356679	111095	943356974	112703
943356444	111083	943356557	111292	943356680	111160	943357256	110895
943356445	110360	943356560	112162	943356681	111288	943357258	111146
943356445	110913	943356561	111171	943356681	111801	943357259	112076
943356445	111083	943356563	112751	943356681	112763	943357259	112758
943356446	111653	943356565	112795	943356682	111287	943357260	111527
943356447	110357	943356566	110619	943356683	112753	943357260	112757
943356447	110726	943356567	112230	943356685	111146	943357261	113920
943356447	111652	943356568	112298	943356689	112746	943357557	110112
943356447	113758	943356573	112762	943356690	112746	943357557	112784
943356450	112097	943356574	112230	943356691	110921	943357557	113477
943356452	110990	943356574	112292	943356694	111289	943357706	110113
943356454	110179	943356602	111652	943356697	110360	943357707	110766
943356454	110969	943356603	112729	943356697	111083	943357708	110043
943356454	111086	943356604	111094	943356701	111656	943357716	110113
943356454	111184	943356604	112149	943356703	111007	943357716	110357
943356454	111289	943356605	111094	943356703	110925	943357716	110761
943356465	110358	943356605	111539	943356703	111767	943357716	110906
943356465	110730	943356606	111539	943356703	111891	943357716	113920
943356465	110923	943356606	112149	943356708	111141	943357761	110116
943356465	113866	943356607	112149	943356709	110751	943357764	110117
943356470	111075	943356608	110923	943356709	111141	943357764	110766
943356473	112098	943356608	112750	943356712	110971	943357765	110766
943356487	110877	943356608	113866	943356719	111085	943357769	112288
943356487	112310	943356609	110735	943356723	110881	943357772	110611
943356498	111096	943356610	110875	943356727	110880	943357772	110882
943356502	111166	943356613	110358	943356728	111178	943357772	111419
943356502	111187	943356615	110923	943356728	111141	943357772	111987
943356502	111467	943356615	111093	943356729	110913	943357775	112747
943356502	111656	943356616	111139	943356729	111083	943357776	112097
943356502	113376	943356617	111093	943356732	110972	943357800	110881
943356505	111394	943356619	111149	943356732	111168	943357800	113470
943356505	112765	943356620	111093	943356732	111800	943357801	111987
943356506	111354	943356621	110923	943356735	111670	943357803	112076
943356507	111354	943356623	110923	943356739	110360	943357804	111987
943356509	112729	943356623	113866	943356739	111287	943358010	111289
943356510	112234	943356624	112774	943356740	110767	943358062	113721
943356510	112765	943356625	112734	943356742	110913	943377491	113904
943356512	113576	943356625	112785	943356746	110891	943377492	113955
943356513	111369	943356626	112734	943356749	111147	944280101	110341
943356513	112712	943356627	112774	943356762	110641	944280123	110587
943356514	112529	943356628	112774	943356766	112046	944280124	110862
943356515	112806	943356632	111289	943356766	112098	944280156	112308
943356517	112801	943356633	111289	943356766	112736	944280157	111214
943356518	111354	943356635	111364	943356783	110105	944280190	113346
943356519	112777	943356638	111157	943356787	110761	944280192	112295
943356521	112812	943356639	111289	943356788	110913	944280195	113282
943356522	112804	943356640	112725	943356789	110726	944280205	113339

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
944280206	113757	063280042010	113962	063521070220	111749	063522623010	110809
944280218	113959	063280044010	113962	063521070240	112171	063522629010	113860
944280526	111548	063280045010	113719	063521070460	113177	063523620730	110812
944280557	113346	063280046010	113962	063521070470	111251	063523620760	112039
944280558	112214	063280050010	113244	063521070580	112497	063523623050	110536
944280709	111849	063280051010	111550	063521070620	111015	063523673030	110525
944280721	112367	063280052010	111874	063521070630	111130	063523680010	110523
944288162	112439	063280057010	114239	063521070660	111685	063523683010	110527
944390306	110913	063280901010	113659	063521070680	112321	063523683090	110524
944390307	110913	063293039010	113750	063521070730	112321	063524160020	110206
944390311	111096	063293538010	113701	063521070780	110552	063524160110	110582
944390315	111653	063296842010	112135	063521070910	112445	063524160520	110582
944390316	111086	063310508010	113247	063521071030	112307	063524160780	110206
944390320	110916	063310509010	112059	063521074030	111347	063532250200	114040
944390322	111071	063320060010	112097	063521074080	113276	063532250220	111824
944390340	112734	063321011010	110912	063521074110	111685	063532601010	113331
944390362	111176	063321159010	111032	063521074300	114052	063532602010	113657
944390377	111659	063321165010	111687	063521074370	113843	063532603010	113519
944390378	111175	063321328010	111688	063521074420	111911	063532604010	113343
944390382	111354	063321402010	111582	063521074920	113276	063532608010	112333
944390424	112414	063321606010	111689	063521081760	113443	063532609010	113330
944390450	112468	063321607010	111689	063521081800	113481	063532611010	111405
944390456	113317	063321617010	111802	063521082040	114321	063532612010	113791
944399379	111144	063321625010	111689	063521084000	114460	063532613010	113518
054022474010	111176	063321765010	113535	063521090120	113268	063532614010	111309
054022602010	111176	063321800010	111409	063521090180	113752	063532615010	110802
054022642010	111355	063321802010	111625	063521090350	112534	063532619010	111714
054022646010	112238	063321803010	113939	063521090680	113674	063532620010	111847
054022654010	111361	063321809010	111413	063521092500	112440	063532620010	114114
054022664010	111361	063321826010	113943	063521092680	113430	063532622010	113328
063101015010	111422	063321836010	113536	063521093070	112441	063532623010	110804
063102003010	111420	063321839010	111413	063521101040	110867	063532624010	113331
063102008010	111630	063321862010	113987	063521101060	111694	063532625010	113343
063102022010	113962	063324145010	111364	063521101250	111619	063532627010	113792
063103002010	111214	063324231010	111368	063521101380	111694	063532628010	113791
063103007010	112124	063341238010	111756	063521120380	111748	063532631010	113498
063103022010	112124	063341343010	112698	063521120410	110584	063532633010	113349
063112003010	113752	063341351010	112021	063521120440	113750	063532636010	113350
063113002010	113430	063341658010	112384	063521130060	111422	063532637010	113498
063113003010	112379	063341705010	111268	063521130070	113483	063533100530	112680
063113003010	112379	063341730010	112121	063521150350	112172	063533100540	113447
063114014010	112026	063341734010	113575	063521204000	113515	063533155000	112406
063114014010	112026	063341740010	112648	063521204060	114034	063533200010	112407
063191007010	112380	063341741010	112648	063521210160	112435	063533250010	112079
063193001010	113925	063341770010	110619	063521210260	112005	063533250130	112274
063206704010	110524	063341896010	114025	063521210280	111909	063533250580	112190
063206834010	111755	063358061010	113722	063521210300	111823	063533251000	113913
063216731010	110521	063358062010	113721	063521214020	113773	063533350070	110619
063216741010	110518	063377002010	113718	063521214080	114163	063533479010	111426
063216827010	110529	063377005010	113996	063521230120	113842	063534150120	113263
063216831010	110529	063377006010	113718	063521230140	113841	063534681240	112076
063216831010	110529	063377008010	113718	063521230160	113509	063534681400	112189
063216876010	110530	063377010010	113535	063521240220	111904	063534690480	111987
063216884010	110530	063377013010	113535	063521250350	112286	063534699820	110895
063216884010	110530	063377301010	113872	063521250420	111900	063534881850	110881
063216896010	110522	063377409010	112143	063521250480	112429	063534882060	112170
063217158010	112039	063377410010	111795	063522187030	113846	063534882530	112097
063217158010	112039	063377412010	112142	063522187740	111996	063534890930	111289
063217163010	111284	063377416010	113849	063522187760	114055	063534892520	111364
063222034010	111421	063377433010	113902	063522230160	113181	063534893260	111093
063222138010	111421	063377436010	111468	063522230240	112441	063534897070	110766
063226801010	111865	063377460010	113763	063522235040	110813	063535150200	111828
063227009010	112536	063377461010	113763	063522300090	110522	063535255010	113289
063227035010	113346	063377462010	113763	063522310030	113979	063535550050	113188
063227470010	110439	063377464010	113967	063522310050	112494	063536250020	113274
063227485010	110565	063377491010	113904	063522310160	112498	063536895380	112302
063227487010	110442	063377492010	113955	063522310290	113759	943201005010	110608
063227488010	110439	063380001010	113883	063522310330	111982	943223435010	114118
063227587010	110545	063380002010	113912	063522602010	111123	943223438010	112309
063280021010	113905	063380004010	113708	063522603010	111476	943241008010	112454
063280022010	112821	063380005010	113709	063522605010	113659	943241015010	110389
063280023010	113794	063380006010	113709	063522607010	111849	943241016010	110389
063280027010	113906	063380007010	113913	063522609010	113329	943241025010	111312
063280028010	113907	063380008010	113710	063522611010	112322	943241026010	110278
063280029010	113908	063380009010	113710	063522617010	110811	9432410301010	111805
063280031010	113909	063380010010	113710	063522618010	113805	943241035010	110847
063280032010	111374	063388505010	112681	063522619010	113521	943241036010	111214
063280034010	113910	063520003200	113962	063522621010	111307	943241037010	111182
063280036010	113911	063521060140	114051	063522622010	113329	943241040010	111561



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
943241046010	110253	943252240010	110998	943346018010	110273	943355144010	112460
943241058010	111679	943252244010	110525	943346037010	113783	943355149010	111937
943241061010	112013	943252249010	113468	943346067010	110385	943355150010	112057
943241064010	111984	943252254010	110981	943346129010	111331	943355151010	112058
943241070010	110467	943252273010	113465	943346130010	110163	943355162010	112416
943241071010	110311	943252278010	111636	943346137010	111317	943355163010	113879
943241088010	113745	943252281010	112249	943346139010	112705	943355164010	112144
943241092010	110399	943252284010	111640	943346148010	110891	943355169010	111966
943241102010	111310	943252290010	111637	943346154010	112701	943355170010	111294
943241104010	111544	943252294010	110210	943346158010	111294	943355177010	110666
943241124010	110811	943252690010	112117	943346160010	111267	943355180010	112531
943241167010	112819	943253102010	111906	943346198010	112695	943355187010	112272
943251050010	110367	943253105010	112295	943346214010	110679	943355196010	112199
943251054010	110367	943253106010	113674	943346215010	111611	943355204010	113406
943251064010	110835	943253107010	111904	943346223010	112688	943355213010	112696
943251075010	111066	943253108010	111900	943354003010	111405	943355224010	112458
943251111010	110837	943253114010	111848	943354007010	111339	943355230010	112461
943251113010	112295	943253118010	111995	943354010010	111517	943355232010	112189
943251122010	111109	943253119010	112005	943354039010	111704	943355233010	112189
943251139010	110847	943253133010	112553	943354058010	111601	943356106010	111171
943251165010	110363	943253136010	111908	943354063010	110684	943356109010	113789
943251220010	110771	943253144010	112080	943354064010	112358	943356142010	111071
943251225010	112167	943253145010	111817	943354075010	111718	943356158010	112739
943251266010	112308	943253148010	112440	943354076010	112059	943356192010	112755
943251268010	112308	943253149010	114460	943354083010	111775	943356201010	110911
943251269010	110997	943253151010	112431	943354097010	111878	943356202010	111841
943251301010	111107	943253154010	112429	943354099010	111318	943356205010	112730
943251302010	113389	943253155010	113605	943354163010	111318	943356213010	111156
943251322010	111751	943253156010	112236	943354181010	111579	943356214010	110993
943251323010	111694	943253157010	112435	943354182010	111468	943356224010	110906
943251327010	111749	943253159010	113677	943355001010	112691	943356226010	111629
943251328010	113483	943253160010	112438	943355002010	111887	943356229010	111629
943251330010	112166	943253170010	113649	943355003010	112694	943356230010	112742
943251334010	111848	943253171010	113761	943355004010	111733	943356236010	113611
943251415010	112537	943253173010	110142	943355005010	112680	943356246010	112803
943251423010	110587	943253175010	111445	943355010010	112538	943356248010	112779
943251426010	111489	943253188010	110713	943355012010	113831	943356258010	111842
943251431010	113844	943253198010	110810	943355015010	111891	943356259010	110113
943251436010	113847	943253202010	111442	943355016010	113833	943356308010	110876
943251441010	111125	943253203010	113022	943355019010	113868	943356310010	112456
943251443010	110368	943253205010	113024	943355022010	112682	943356315010	110178
943251445010	110869	943253206010	113025	943355025010	111858	943356325010	112791
943251446010	110862	943253207010	113026	943355027010	112045	943356329010	112681
943251449010	113444	943253210010	110291	943355029010	111980	943356380010	110890
943251460010	111030	943253211010	110311	943355030010	113341	943356391010	111498
943251462010	111030	943253214010	111305	943355031010	111825	943356408010	112056
943251485010	111052	943253215010	111242	943355035010	111820	943356446010	111653
943251487010	113451	943253226010	110394	943355037010	111857	943356468010	111141
943251569010	110980	943253235010	111214	943355045010	113867	943356498010	111096
943251574010	111996	943253242010	111374	943355049010	111990	943356506010	111354
943251617010	110824	943253266010	112436	943355051010	112193	943356512010	113576
943251628010	110864	943253266010	112436	943355052010	111828	943356517010	112801
943251644010	111056	943254007010	111455	943355057010	112704	943356521010	112812
943251650010	110862	943254018010	111029	943355059010	113340	943356525010	112797
943251651010	110838	943254024010	110396	943355060010	112079	943356540010	111667
943251655010	111060	943254024010	110396	943355061010	111989	943356553010	112689
943251669010	111010	943254027010	110581	943355062010	112075	943356557010	111292
943251670010	111061	943254040010	111564	943355064010	111934	943356560010	112162
943251674010	110862	943254043010	112295	943355079010	112530	943356561010	111171
943251698010	113845	943254050010	111851	943355087010	111903	943356563010	112751
943251699010	111270	943254066010	111558	943355088010	111902	943356566010	110619
943251833010	112455	943254075010	110290	943355089010	111883	943356568010	112298
943251856010	111619	943254076010	110396	943355095010	112708	943356575010	112532
943251915010	113481	943289180010	112251	943355097010	112193	943356577010	111893
943251920010	112053	943293541010	113254	943355108010	111894	943356582010	111578
943252045010	110537	943293542010	112295	943355109010	111899	943356591010	111515
943252064010	110582	943293544010	112218	943355110010	113770	943356592010	110496
943252071010	110536	943311220010	111515	943355116010	113832	943356602010	111652
943252189010	110534	943311230010	111186	943355117010	112710	943356619010	111149
943252201010	110524	943311380010	111294	943355118010	111884	943356627010	112774
943252204010	110536	943311390010	111797	943355119010	111468	943356632010	111289
943252212010	110205	943311420010	112271	943355123010	112557	943356638010	111157
943252216010	113467	943321083010	111082	943355126010	111468	943356640010	112725
943252216010	113467	943321170010	111803	943355128010	111883	943356641010	111799
943252231010	110212	943321604010	111505	943355129010	112043	943356644010	112760
943252232010	110519	943322584010	111176	943355130010	113848	943356645010	112768
943252233010	111047	943324348010	111723	943355132010	112094	943356649010	111147
943252235010	110524	943341239010	112202	943355135010	112197	943356663010	112730
943252237010	110531	943346008010	110677	943355139010	112002	943356680010	111160

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
943356683010	112753	944280133600	111131	944280185000	112438	944280528050	110394
943356691010	110921	944280134000	111423	944280185410	112217	944280528100	111310
943356697010	110360	944280134100	112537	944280185510	111442	944280528120	110394
943356698010	110744	944280136000	111489	944280185610	111508	944280529020	110477
943356708010	111141	944280136100	110847	944280185710	111931	944280551130	112214
943356735010	111670	944280138500	110584	944280185910	111251	944280551840	113601
943356749010	111147	944280138610	111063	944280186110	111905	944280557080	113346
943356766010	112736	944280139400	111025	944280186300	113267	944280558870	112214
943356799010	111427	944280145900	111029	944280186800	112006	944280703000	113327
943356808010	110923	944280146000	111030	944280186900	113649	944280703020	110808
943356814010	111074	944280146800	113444	944280187700	113761	944280705010	111306
943356849010	112076	944280147000	111619	944280188500	111347	944280705030	112322
943356859010	112453	944280147110	110365	944280188700	113299	944280705040	113521
943356903010	110348	944280148000	111423	944280188800	112445	944280705050	113020
943356919010	111171	944280148100	111751	944280189000	113430	944280705060	113638
943356922010	110250	944280148200	111751	944280189100	113303	944280705080	113805
943356943010	110618	944280148300	113847	944280189400	112430	944280709060	111849
943356945010	111511	944280148400	111400	944280189600	112436	944280721000	112367
943356946010	112287	944280149000	114118	944280190300	113346	944280800100	111274
943356947010	111353	944280149500	110351	944280192710	112295	944280800180	111690
943356954010	111820	944280155600	112817	944280195000	113282	944280800190	111214
943356957010	112800	944280156000	112308	944280198700	113276	944280800220	112026
943356960010	111326	944280157010	111214	944280199200	113281	944280800350	111630
943356963010	111520	944280159100	112125	944280202300	113773	944280800430	112124
943356965010	112782	944280159300	111421	944280202400	114163	944280800460	112380
943356966010	111532	944280159700	112286	944280202500	113842	944280800500	112320
943356973010	112772	944280161300	111129	944280202600	113841	944280800570	111374
943356974010	112703	944280162400	111694	944280202700	113678	944280800600	114123
943356980010	112789	944280162900	111748	944280202800	113509	944280800610	113446
943356981010	111319	944280163000	111749	944280202900	114034	944280800620	112218
943356999010	111175	944280163100	112133	944280203500	113513	944280800640	114123
943357258010	111146	944280163800	111347	944280205510	113339	944280800740	113361
943357556010	110043	944280164010	111251	944280206010	113757	944280800780	111307
943357765010	110766	944280165300	111130	944280207210	113319	944280800850	112103
943357775010	112747	944280166600	112818	944280207800	113515	944280800940	112821
943357800010	113470	944280167000	112166	944280210300	113761	944280800960	114051
943357801010	111987	944280167400	111805	944280212400	113843	944280800970	113662
943358062010	113721	944280167500	112306	944280218100	113959	944280801070	112388
943377491010	113904	944280167800	112309	944280521270	111445	944280801080	112475
943377492010	113955	944280168600	112819	944280521580	111549	944280801100	114162
944280100300	111055	944280168700	113752	944280521610	111763	944280801130	113719
944280102000	111066	944280168800	111848	944280521620	111023	944280801140	113962
944280102500	111056	944280168900	110847	944280521650	111728	944280801170	113933
944280102900	111106	944280169100	112308	944280521660	111382	944280801180	113794
944280103100	110585	944280169200	112553	944280521680	111459	944280801300	113927
944280103600	110858	944280169500	112053	944280521700	112368	944280801330	113965
944280104300	110624	944280169800	111900	944280521890	113323	944280801340	113910
944280104400	110825	944280170200	113451	944280522060	110154	944280801370	112474
944280104700	111061	944280170300	111422	944280522120	110396	944280801460	113314
944280105300	110363	944280170410	111585	944280522260	110708	944280801480	113905
944280106000	111115	944280170700	111906	944280522580	111446	944280801640	112033
944280106300	111052	944280171100	111911	944280522590	111544	944280801700	111305
944280106500	110160	944280171800	111908	944280522650	110713	944280801730	113756
944280108500	110869	944280171900	112013	944280522700	111550	944280801790	113254
944280108800	110836	944280173610	111333	944280522760	111679	944280801800	113932
944280108900	110862	944280173810	112295	944280522770	111455	944280801860	113897
944280109500	110461	944280174200	113674	944280522790	110323	944280801910	113925
944280110300	111066	944280174500	111904	944280522820	111455	944280801930	113929
944280110800	110812	944280174600	111900	944280522860	111874	944280802020	113962
944280111100	111109	944280174700	111905	944280522940	111554	944280802090	113897
944280111500	110368	944280175000	112006	944280523160	110389	944280802120	113964
944280117310	111100	944280177810	111420	944280523170	110389	944280802160	113908
944280117410	110367	944280178300	111909	944280523220	110149	944280802180	114074
944280118310	110866	944280179100	113749	944280523350	112215	944280802220	113329
944280118710	110338	944280179200	111848	944280524100	111442	944280802290	112476
944280118910	110365	944280180100	111123	944280524180	113024	944280802380	113911
944280119410	110608	944280180200	111995	944280524190	113025	944288136500	113134
944280123400	110587	944280180400	112005	944280524230	113398	944288162100	112439
944280124100	110862	944280182100	110839	944280524240	113399	944390306200	110913
944280126050	111748	944280182600	110847	944280524310	112213	944390307500	110913
944280130100	111347	944280182700	112440	944280525030	110311	944390309400	110612
944280130500	111060	944280183100	114460	944280525200	111565	944390309800	110912
944280130800	110839	944280183400	111769	944280525240	111242	944390309900	111155
944280131200	110587	944280183500	112431	944280525350	111971	944390311200	111096
944280131400	111120	944280183600	113761	944280526120	111548	944390315200	111653
944280131500	111851	944280183800	112221	944280527090	111560	944390316800	111086
944280131600	111270	944280184000	113605	944280527130	111552	944390320500	110916
944280132100	110837	944280184500	114321	944280527140	111552	944390321210	110349
944280132700	111131	944280184800	113271	944280528040	111310	944390322410	111071

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
944390327410	110920	944390395100	113447	944390418500	112144	944390511470	111266
944390327900	111076	944390395400	112802	944390419000	112402	944390511510	111361
944390338300	111364	944390395500	113783	944390419100	112273	944390511530	110968
944390338600	111364	944390395700	111891	944390419200	112274	944390511540	111280
944390339000	111799	944390396300	112692	944390419300	112460	944390511550	111268
944390339100	112760	944390396600	112708	944390419500	112198	944390511560	110631
944390340200	112734	944390397000	113833	944390419900	112073	944390511590	111294
944390344700	110891	944390397400	111369	944390420000	112190	944390511600	110701
944390344800	111148	944390397500	111890	944390420310	111937	944390511620	111704
944390345000	110919	944390398310	113868	944390420410	112057	944390511670	111726
944390345300	110902	944390398510	111520	944390420810	113603	944390511690	111955
944390346600	110972	944390399310	112298	944390420910	112480	944390511730	111294
944390347810	111163	944390399510	113487	944390421210	111934	944390511790	112351
944390348110	112744	944390400010	111511	944390421410	111719	944390511900	111747
944390348310	111841	944390400210	112772	944390421510	111775	944390511930	113787
944390348610	110889	944390400310	111319	944390421710	111498	944390512710	111435
944390356300	110686	944390400510	111319	944390421810	112059	944390512740	110496
944390356300	111686	944390400610	112682	944390421910	111718	944390512830	111483
944390356700	111160	944390400810	112679	944390425400	112535	944390512880	111518
944390357100	111860	944390400910	111326	944390425600	113835	944390512910	111781
944390357700	112453	944390401410	112792	944390426000	112075	944390512920	111598
944390360410	111176	944390401700	113442	944390426200	113870	944390512940	112063
944390360710	111360	944390401800	111890	944390426600	113296	944390512950	113078
944390360710	113920	944390402110	112688	944390426900	113832	944390512970	112358
944390361910	111176	944390402210	111318	944390427000	112079	944390512980	112357
944390362110	111176	944390402410	112696	944390427100	112401	944390514230	111285
944390365610	111368	944390403100	111895	944390427200	112144	944390514240	111578
944390366510	110991	944390403200	111858	944390427600	113263	944390514250	113035
944390366900	111293	944390403300	111899	944390427800	113942	944390515120	110805
944390367500	111620	944390403400	111478	944390427900	113298	944390515300	112531
944390368310	112762	944390403500	113770	944390428300	112397	944390515540	110659
944390368910	112754	944390403600	111898	944390428400	113272	944390515640	112327
944390369010	111661	944390404100	112532	944390428610	112349	944390515650	112327
944390369650	110622	944390406000	112045	944390430310	111468	944390515660	112355
944390371100	110891	944390406210	111688	944390436500	113889	944390518050	110385
944390371300	113473	944390406510	111689	944390439100	112425	944390518080	110967
944390371400	111620	944390406710	111413	944390440300	112415	944390518120	111950
944390371600	113472	944390406910	113667	944390443100	113283	944390518130	111779
944390372100	112087	944390408500	111980	944390443200	113882	944390518150	112332
944390372910	112751	944390408700	111878	944390443300	113751	944390518160	111779
944390373010	111171	944390408800	111825	944390443400	112398	944390605020	111314
944390377910	111659	944390409000	113832	944390443700	113486	944390605030	113519
944390378010	111175	944390409300	112710	944390444300	113264	944390605070	113652
944390380300	111427	944390409400	111820	944390444600	113252	944390605100	111309
944390380900	112729	944390409600	111468	944390444700	113510	944390605110	113517
944390381600	111369	944390410600	112196	944390444800	113510	944390605130	113652
944390381700	112529	944390411000	112557	944390445400	112399	944390605140	113518
944390382300	111354	944390411200	111883	944390445500	111772	944390609060	113498
944390383000	112777	944390411400	113754	944390448500	112396	944390609080	111847
944390383200	112812	944390411500	112078	944390449000	113272	944390609080	114114
944390383400	112797	944390411600	112860	944390449600	111997	944390664130	112202
944390383800	111479	944390411900	112413	944390450310	112468	944390900040	113887
944390386500	111292	944390412000	113867	944390451010	113248	944390900050	112272
944390386800	111887	944390412200	111883	944390452110	111944	944390900060	112271
944390386900	112694	944390412300	112043	944390453000	113874	944390900070	111186
944390387300	110619	944390412700	112077	944390453400	113992	944390900100	112191
944390387400	112292	944390412800	113848	944390453500	114109	944390900140	112151
944390387510	112793	944390412900	112193	944390453600	113884	944390900160	111515
944390388410	111803	944390413100	112408	944390453700	113913	944390900170	111831
944390388610	113789	944390413200	111902	944390453800	113877	944390900270	113914
944390389600	113576	944390413510	111513	944390454810	112349	944390900280	112165
944390389900	112680	944390413610	112094	944390456710	113317	944390900310	111802
944390390300	112709	944390413810	112681	944390457910	111779	944390900400	111795
944390390800	113885	944390414010	113604	944390458910	112063	944390900410	112121
944390391800	113865	944390414110	112695	944390460100	112543	944390900460	111797
944390392000	112538	944390414210	111512	944390460700	113874	944390900470	111405
944390392200	113831	944390414510	111788	944390460900	113536	944390900480	111767
944390392300	112689	944390414800	113340	944390461000	113887	944390900690	111756
944390392400	111732	944390414900	112079	944390461600	113878	944390900700	111594
944390393000	113485	944390415000	111989	944390462200	113858	944390900710	113537
944390393210	111032	944390415100	112075	944390462500	114122	944390900720	111967
944390393300	112456	944390415900	112197	944390463200	113951	944390900750	111943
944390393500	111903	944390416500	111850	944390463400	113944	944390900760	112143
944390393700	111902	944390417300	112072	944390473200	112416	944390900770	112142
944390393900	111883	944390417400	112072	944390479100	113958	944390900780	111514
944390394310	112800	944390417500	112426	944390510000	111846	944390900820	112939
944390394500	112799	944390417600	112428	944390510010	111708	944390900860	114025
944390394810	112683	944390418100	112193	944390511050	110567	944390900910	111812
944390395010	111687	944390418300	111824	944390511410	111614	944390900920	111689

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
944390900940	112218	944390903940	112458	MSN196	110465	MSR651	110520
944390900960	112022	944390903950	113331	MSN2009	112441	MSR665	112541
944390900970	113888	944390904040	113253	MSN2028	111694	MSR676	112133
944390901010	112199	944390904100	113945	MSN2039	113182	MSR677	112286
944390901050	111582	944390904120	113862	MSN2042	113979	MSR683	110536
944390901070	111633	944390904210	113324	MSN206	111752	MSR697	110536
944390901090	113406	944390904230	113791	MSN2071	112321	MSR699	110525
944390901160	111947	944390904240	113792	MSN2078	113843	MSR700	110527
944390901200	112387	944390904440	113343	MSN2088	111694	MSR707	110536
944390901210	111309	944390904510	113519	MSN2093	113515	MSR727	110524
944390901240	113785	944390904590	114102	MSN2094	114034	MSR733	111755
944390901280	111568	944390904640	114066	MSN2098	112005	MSR734	113465
944390901300	112720	944390904710	113861	MSN2101	113773	MSR737	111332
944390901320	112450	944399379110	111144	MSN2102	114163	MSR739	112249
944390901380	113952	944399425200	112197	MSN2104	113842	MSR742	111640
944390901390	112399	944399425300	113889	MSN2105	113841	MSR746	111755
944390901430	114040	27593A	110819	MSN2106	113509	MSR911	112307
944390901510	113407	30000A	113346	MSN2109	111904	MT38RA	111217
944390901520	111722	30001A	113346	MSN2113	112429	MT43HA	110520
944390901540	112329	30002A	113346	MSN2116	113962	MT62BA	110529
944390901570	113350	30003A	113346	MSN213	110521	MT67A	110521
944390901600	112462	63321711B	112654	MSN214	110520	MT67AB	110521
944390901650	112359	63321730A	112121	MSN215	110521	MT67AC	110521
944390901670	111871	63321730B	112121	MSN219	110529	MT67AD	110521
944390901690	113245	E100-1.3/12V8	110352	MSN220	110519	MT67B	110520
944390901730	112384	E80-1.1/12V	111228	MSN224	110522	MT67BA	110520
944390901750	112457	E84-0.8/12V1	110338	MSN227	110813	MT67C	110518
944390901760	113708	E84-0.8/12V3	110365	MSN229	110814	MT67CA	110518
944390901770	113709	E84-0.8/12V5	110826	MSN233	110530	MT67CB	110518
944390901800	113154	M125-3/12	110529	MSN237	110517	MT67D	110521
944390901880	113718	M125M3-Z9(3/12)	110529	MSN290	110365	MT67DA	110521
944390901910	113535	MAN1104	111409	MSN291	110365	MT67DB	110521
944390901930	113836	MAN1162	113987	MSN294	110338	MT67AA	110521
944390901940	113718	MAN1163	113404	MSN303	111106	MT68A	110529
944390901950	113720	MAN1165	110619	MSN316	111025	MT68AB	110529
944390901960	113722	MAN154	113623	MSN320	112533	MT68AC	110529
944390901980	113950	MAN176	113623	MSN402	114123	MT68AD	110529
944390902060	113996	MAN2005	110619	MSN520	112289	MT68B	110519
944390902090	113987	MAN2006	112076	MSN521	110521	MT68BA	110519
944390902100	113721	MAN2025	113923	MSN540	110819	MT68L	110522
944390902130	113946	MAN2028	113913	MSN614	110530	MT68LA	110522
944390902140	113836	MAN2036	111824	MSN634	113752	MT68LB	110522
944390902230	113710	MAN2037	112079	MSN642	111911	MT68LC	110522
944390902320	113599	MAN218	113623	MSN697	110536	MT68MA	110529
944390902330	112654	MAN261	112097	MSN800	112380	MT68MB	110529
944390902390	113503	MAN2801	111426	MSN8040	113654	MT68P	110530
944390902400	113912	MAN306	111082	MSN8041	113655	MT68PA	110530
944390902480	113404	MAN342	111036	MSN808	113925	MT68PB	110530
944390902520	114129	MAN344	111035	MSR111	112390	MT68R	111001
944390902550	113883	MAN349	112719	MSR2033	113605	MT68RA	111001
944390902710	112025	MAN352	111654	MSR218	110536	MT68T	110536
944390903030	111626	MAN382	111687	MSR240	110536	MT68AA	110529
944390903040	112021	MAN7005	113996	MSR327	112124	MT71A	110813
944390903130	114042	MAN7402	111795	MSR342	110367	MT71AB	110813
944390903170	113881	MAN7410	111795	MSR343	110856	MT71D	110814
944390903230	113404	MAN7412	112142	MSR364	110585	MT71DA	110814
944390903240	113955	MAN7413	112142	MSR365	110587	MT71DB	110814
944390903260	113904	MAN7416	113849	MSR377	111070	MT71E	110812
944390903280	111568	MAN7491	113904	MSR378	110584	MT71GB	112039
944390903300	113575	MAN7492	113955	MSR379	110847	MT71R	110812
944390903360	113956	MAN786	112718	MSR381	111070	MT71RB	110812
944390903480	113954	MAN807	111416	MSR393	111066	MT71T	110812
944390903490	113439	MAN833	112325	MSR407	110587	MT71TA	110812
944390903510	113321	MAN938	112121	MSR409	111489	MT71Z	113381
944390903540	113328	MAR1142	112271	MSR425	110368	MT71AA	110813
944390903550	113253	MAR410	111144	MSR435	110585	MT72A	110517
944390903560	113871	MAR469	112162	MSR458	111131	MT72AB	110517
944390903590	113922	MAR473	110360	MSR459	111055	MT72AA	110517
944390903630	113896	MAR480	110358	MSR470	111112	MT74G	110536
944390903720	113946	MAR572	110896	MSR476	111056	MT74L	111693
944390903740	114130	MAR942	111354	MSR483	111060		
944390903760	113697	MAR955	112229	MSR484	110867		
944390903800	112465	MAR959	111426	MSR486	110839		
944390903810	113883	MAR963	112751	MSR490	112440		
944390903850	113322	MAR965	112795	MSR511	111069		
944390903870	113873	MAR966	110619	MSR514	110351		
944390903890	113253	MSN157	111608	MSR516	110368		
944390903900	113407	MSN190	110545	MSR5313	111641		
944390903910	113919	MSN191	110615	MSR5442	111374		
						<b>MAGNETON (PAL/SKODA)</b>	
						02914207	110624
						8515220	110881
						9122110	112822
						9124310	110523
						9124320	110517
						9124330	110518

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9124340	110601	9144742	110551	9517463	113341	443115144726	110525
9124350	110524	9144743	110530	9517482	111884	443115144729	110545
9125010	110210	9144744	110529	9517483	112079	443115144742	110551
9125020	110213	9144745	110813	9517484	111858	443115144743	110530
9125030	110532	9144821	110530	9999984	114034	443115174602	110523
9125040	112118	9144965	110462	11490400	110624	443115174622	110520
9125100	110205	9172702	113356	91428729	110464	443115174642	110550
9125110	112119	9172780	113356	91455722	110545	443115901010	110622
9125120	110214	9174602	110523	95124596	113716	444115144702	113269
9125130	110212	9174642	110550	114901010	110542	446115144702	113269
9125140	110211	9513031	112098	115901010	110622	915101A	114034
9125150	111231	9513053	111662	334113516414	112162	915109D	112429
9125160	112117	9513071	113632	334113516653	110621	915109E	112286
9125220	110206	9513160	111843	443113515241	113543	915111A	111909
9125240	110207	9513170	113632	443113515414	111076	915111D	112005
9125250	110208	9514090	111216	443113515415	111076		
9125260	110206	9514096	111216	443113515765	113542		
9125270	110582	9514566	113716	443113516000	111043	<b>MAHINDRA</b>	
9125290	110601	9514590	113716	443113516001	111043	86992395	114224
9125300	111249	9514593	113716	443113516021	111043	005558084R91	113670
9125320	110512	9514696	113716	443113516051	110542	1233544R91	113670
9125330	110206	9515010	112098	443113516110	111043	<b>MAN</b>	
9125340	110512	9515040	112238	443113516120	110542	50.26201-7078	113465
9125350	111218	9515050	111170	443113516121	110542	51.25201-7181	110206
9125370	110534	9515051	111170	443113516180	110542	51.25201-9181	110206
9125400	110535	9515080	111686	443113516181	110542	51.26101-6084	111842
9125420	110209	9515090	111216	443113516184	110542	51.26101-7085	110766
9125430	110932	9515102	113632	443113516241	113543	51.26101-7133	110761
9125460	110212	9515112	113552	443113516260	111043	51.26101-7138	112732
9125480	110582	9515122	113552	443113516404	111076	51.26101-7144	110895
9125490	111219	9515180	111843	443113516414	112162	51.26101-7145	111141
9125500	110980	9515230	112736	443113516591	112387	51.26101-7148	110113
9141310	111214	9515241	113543	443113516630	110622	51.26101-7148	110113
9141312	110624	9515311	110641	443113516631	110622	51.26101-7155	110116
9141317	110351	9515361	113632	443113516632	110622	51.26101-7156	111146
9141319	112167	9515404	111076	443113516634	110622	51.26101-7159	112779
9141325	110338	9515414	112162	443113516650	110621	51.26101-7172	112747
9141331	112388	9515415	112162	443113516653	110621	51.26101-7184	112779
9141350	111241	9515765	113542	443113516660	110622	51.26101-7185	110895
9141382	110352	9515836	111009	443113516661	110622	51.26101-7190	111146
9141384	110867	9516050	110542	443113516662	110622	51.26101-7195	112159
9141385	111619	9516051	110542	443113516670	112035	51.26101-7200	112732
9141390	112306	9516060	110542	443113516673	112035	51.26101-7201	110895
9141391	111059	9516061	110542	443113516690	112098	51.26101-7214	113920
9141393	111060	9516241	113543	443113516693	112098	51.26101-7217	113290
9141394	111748	9516381	112234	443113516700	111362	51.26101-7221	112196
9141395	112286	9516590	112387	443113516701	111362	51.26101-7237	112529
9141396	112286	9516591	112387	443113516741	111368	51.26101-7246	113998
9141400	110587	9516650	110621	443113516750	110622	51.26101-7253	113998
9141404	111070	9516653	110621	443113516751	110622	51.26101-7254	114008
9141414	112133	9516660	110622	443113516752	110622	51.26101-7259	113998
9141430	111214	9516661	110622	443113516761	111168	51.26101-7268	113998
9142110	110624	9516673	112035	443113516836	111009	51.26101-7269	114008
9142112	110624	9516709	111289	443113516842	111009	51.26101-7270	113998
9142320	110521	9516714	111035	443113516846	111009	51.26101-7559	113998
9142700	111755	9516716	111168	443113516866	110163	51.26101-9133	110761
9142702	113269	9516720	111086	443113517103	112075	51.26101-9144	110895
9142722	114254	9516721	111086	443115141310	111214	51.26101-9185	110895
9142724	110461	9516740	111289	443115141311	111214	51.26101-9197	110761
9142726	111855	9516742	111289	443115141313	111909	51.26101-9200	112732
9142728	110615	9516760	111168	443115141319	113677	51.26101-9201	110895
9142741	110545	9516761	111168	443115141331	112388	51.26101-9270	113998
9142744	110519	9516765	113542	443115141338	112388	51.26201-7001	110512
9142745	112442	9517103	112075	443115141394	111909	51.26201-7008	111217
9142746	110525	9517162	111353	443115141395	112286	51.26201-7011	110530
9142764	110818	9517163	111878	443115142071	110624	51.26201-7012	110537
9142765	110462	9517164	111825	443115142110	110624	51.26201-7028	110524
9142766	112074	9517181	111820	443115142112	110624	51.26201-7029	110205
9142780	112488	9517182	111477	443115142350	111214	51.26201-7034	110208
9142801	111332	9517183	111820	443115142702	113269	51.26201-7042	110533
9142802	110536	9517184	111858	443115142726	111855	51.26201-7057	110210
9142805	111752	9517185	111477	443115142780	112488	51.26201-7061	110210
9142840	111693	9517189	111899	443115144420	110545	51.26201-7067	110524
9142860	110461	9517212	112274	443115144540	110551	51.26201-7074	110512
9142880	110530	9517213	111989	443115144620	110545	51.26201-7085	113468
9142900	111855	9517219	112043	443115144640	110551	51.26201-7087	110210
9142903	114388	9517241	112419	443115144702	113269	51.26201-7092	110206
9144702	113269	9517403	113340	443115144722	114254	51.26201-7095	111640
9144722	110545	9517413	112079	443115144723	110522	51.26201-7100	110208
						51.26201-7101	110524

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAN Continued</b>							
51.26201-7108	110206	1874681M91	110970	2329-18-300A	110133	BPE9-18-400	113138
51.26201-7110	110210	1875955M1	110970	2677-18-300	110133	C401-18-300	114129
51.26201-7112	110512	1875955M91	110970	3919-18-300	110133	C601-18-400A	111906
51.26201-7114	110206	1875958M92	110970	3936-18-300	110133	D272-10-346A	110133
51.26201-7118	113468	1895271M91	110970	4095-18-300	110383	D401-18-300	112270
51.26201-7119	111640	1897264M91	110970	4130-18-300	110383	D429-18-300	110383
51.26201-7123	110210	1903077M91	114531	4780-18-400	111005	D47Z-18-300	110133
51.26201-7127	110206	2871A102T	111289	4828-18-300	112270	D501-18-300	112270
51.26201-7129	110206	2871A105T	111289	4840-18-400	111273	E301-18-300	110136
51.26201-7137	110206	2871A132T	111289	4892-18-300	110133	E301-18-400	110149
51.26201-7143	113468	2871A136T	111289	4893-18-400	110182	E302-18-300	110136
51.26201-7146	113353	3282883M91	112270	4894-18-300	110133	E303-18-300	110136
51.26201-7152	113468	3477851R91	113574	8028-18-300	110133	E331-18-300	110136
51.26201-7153	111640	3519400M1	110565	8173-18-300	110134	E331-18-300A	110136
51.26201-7157	113468	3519406M91	111364	8318-18-300	110133	E356-18-400	110808
51.26201-7158	113759	3536264M91	113474	8341-18-300	110134	E356-48-400B	110808
51.26201-7159	110206	3538541M91	113574	8356-18-300	110383	E357-18-400	110808
51.26201-7162	113468	3539389M91	110439	8492-18-300	110383	E563-18-300	110136
51.26201-7181	110206	3539390M91	110545	8505-18-400	110808	E568-18-300	110136
51.26201-7183	113468	3552682M91	111289	8574-18-300	110383	E5A1-18-300	110136
51.26201-7193	114001	3552682M92	111289	8599-18-400	110578	F210-18-300	110662
51.26201-7199	114031	3581576M1	110615	AJ03-18-300A	112961	F210-18-400A	110808
51.26201-7212	113759	3597371M2	110819	AJ03-18-400	111374	F214-18-400	110810
51.26201-7213	113468	3597371R2	110819	AJ34-18-400	111374	F214-18-400A	110810
51.26201-7222	114001	3618907R1	111716	AM15-18-400	110811	F214-18-400B	110810
51.26201-9001	110512	3618908M1	111940	AM21-18-300	110318	F214-18-400C	110810
51.26201-9008	111217	3618908R1	111940	B101-18-400	110807	F225-18-300	110664
51.26201-9028	110524	3637261R91	110178	B101-18-400B	110807	F225-18-400A	110810
51.26201-9034	110208	3637264R91	110970	B301-18-400	110807	F240-18-400	110808
51.26201-9057	110210	3637269R91	112136	B315-18-400	110808	F268-18-300	113441
51.26201-9061	110210	3638512R91	111289	B359-18-300	110692	F271-18-400	110810
51.26201-9067	110524	36388131R1	111289	B361-18-300G	110663	F271-18-400A	110810
51.26201-9074	110512	3698015R91	110770	B366-18-300	110663	F271-18-400B	110810
51.26201-9117	110206	3698016M91	110770	B366-18-300E	110689	F285-18-300	110664
51.26201-9127	110206	3698017M91	110770	B366-18-300F	110689	F285-18-300C	110664
51.26201-9140	111640	3701909M91	113489	B366-18-300H	110663	F290-18-300	110664
51.26201-9143	113468	3701910M91	112722	B3C7-18-300	111308	F2D4-18-400	110810
51.26201-9181	110206	3701911M91	112722	B3D1-18-300	111308	F2D4-18-400A	110810
81.26101-6012	110766	3701913M91	112722	B505-18-400	110808	F2E8-18-300	112100
81.26101-6025	110766	3701913M92	111368	B593-18-400	110808	F2J4-18-300B	111602
81.26101-6079	111842	3714944M1	112722	B5D8-18-300A	111384	F2JU-18-300A	111602
81.26101-6081	111842	3763362M94	111346	B61P-18-300	111342	F505-18-400	110810
81.26101-6084	111842	3780634M1	113961	B61P-18-300D	110689	F601-18-400	110149
81.26101-6086	111842	3784889M2	114387	B61P-18-300E	111342	F650-18-300	110692
81.26201-9013	113466	3784890M1	114387	B61P-18-300F	111342	F651-18-300	110692
81.26201-9029	110205	3819332M91	112722	B61P-18-400	110808	F802-18-400	110808
83.26101-6501	112343	3819359M91	111355	B61R-18-400	112215	F805-18-300	110692
88.26201-6200	110531	3823621M91	114387	B61R-18-400A	112215	F805-18-400	110149
88.26201-9200	110531	3930503R1	111948	B61V-18-300	110689	F806-18-400	110149
A5.00055-9254	113466	3930504R1	111355	B61V-18-300C	110689	F850-18-400	110149
A5.00055-9361	113465	3933142M91	114360	B61V-18-300D	110689	F851-18-300	112270
		508552M91	114531	B630-18-400	110808	F8B1-18-300	110664
		508552M92	114531	B630-18-400A	110149	F8B1-18-300A	110664
		586-059-M92	112989	B64J-18-300A	111342	F8B1-18-300B	110664
		6100316M91	111368	B64J-18-300B	111342	F8B1-18-300C	110664
		9643382M1	110819	B658-18-400	110808	F8B1-18-300D	110664
				B66S-18-300	111237	F8B1-18-300E	110664
				B66S-18-300C	111237	F8B1-18-400	110808
				B675-18-300	112297	F8B1-18-400A	110808
				B675-18-300A	112297	F8B7-18-300	110664
				B675-18-300B	112297	FA05-18-400	110149
				B675-18-300C	110663	FE05-18-400	110149
				B675-18-300D	112297	FE1H-18-400	110810
				B676-18-400	110808	FE50-18-400	110149
				B676-18-400A	110808	FE50-18-400A	110149
				B676-18-400B	110808	FE50-18-400B	110149
				B6BF-18-300	111807	FE50-18-400C	110149
				B6DK-18-400	110149	FE50-18-400D	110149
				B6S8-18-400	110808	FE50-18-400E	110149
				B6S8-18-400A	110808	FE5A-18-400	110808
				BP02-18-300	110689	FE5A-18-400A	110808
				BP4W-18-300C	111384	FE65-18-300	110406
				BP6D-18-300A	112067	FE65-18-300A	110406
				BPD3-18-300	111959	FE65-18-300B	110406
				BPD4-18-400	111970	FE68-18-300	110406
				BPD4-18-400A	111970	FE79-18-300	110406
				BPE8-18-300	111807	FE79-18-300B	110406
				BPE9-18-300	111807	FE79-18-300E	110406
				BPE9-18-300A	111807	FE79-18-400	110149

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FE85-18-300	110692	N318-18-400B	113135	YF09-18-300	112958	0031512001	110368
FEB1-18-300	110406	N320-18-300	111408	YF09-18-400	112340	0031512101	112249
FEHE-18-300	111602	N326-18-300	111408	Z505-18-300A	111807	0031512801	111347
FEHE-18-300A	111602	N337-18-300	111408	Z599-18-300	111384	0031512901	111065
FEJM-18-300	113441	N344-18-300	111408	Z599-18-300A	111384	0031513801	110862
FESE-18-400	110182	N370-18-300	113519	Z599-18-300C	111384	0031514101	110206
FEV4-18-300	110406	N3A1-18-400	113137	Z599-18-300D	111384	0031514501	110206
FFSC-18-400	110182	PE24-73-1100	110808	Z599-18-300E	111384	0031515001	111851
FFSC-18-400A	110182	PN40-18-300	110667	Z5A1-18-300	111384	0031515401	110368
FFSN-18-400	110182	PN54-18-300	110667	ZMM1-18-400	111370	0031515601	110537
FP13-18-400	111730	R201-18-300	110699	ZZC1-18-400	113814	0031515701	110512
FP34-18-300	112067	R201-18-300A	110699	ZZL0-18-400	112030	0031515901	110537
FP34-18-300A	112067	R201-18-300B	110699	ZZL1-18-400	111844	0031516001	110512
FP34-18-300B	112067	R201-18-300C	110699	ZZLO-18-300	111199	0031516401	113855
FP34-18-300C	112067	R201-18-300D	110699	ZZLO-18-400	112030	0031516601	110531
FP34-18-400A	111730	R201-18-300E	110699	ZZM2-18-300	111200	0031517301	110525
FP50-18-400	113616	R201-18-400	110389	ZZMO-18-400	113222	0031517401	110524
FPG6-18-300	112067	R201-18-400A	110389	ZZP0-18-400	112588	0031518601	110524
FS05-18-300	111317	R201-18-400B	110389	ZZP1-18-400	112600	0031518701	110525
FS05-18-300C	111317	R202-18-300	110699	ZZP5-18-400	112030	0031518801	110524
FS05-18-400	110810	R202-18-300E	110699	AA30G-18-400	110808	0031519801	111065
FS05-18-400A	110810	R213-18-300	110706			0031540502	112098
FS11-18-300	111959	R213-18-300B	110706	<b>MERCEDES BENZ</b>		0031541002	112098
FS11-18-300A	111959	R213-18-300C	110706	0001500550	112428	0031541702	110766
FS11-18-400	110810	R229-18-300	112127	0001500650	112428	0031544802	110113
FS11-18-400A	110810	R231-18-300	112127	0001501650	113771	0031546102	110735
FS1E-18-300B	112361	R231-18-300B	112127	0001501750	113772	0041510901	110368
FS1E-18-300C	112361	R264-18-300	110699	0001502050	112428	0041512001	113389
FS64-18-300	111317	R282-18-300	110706	0001502450	113771	0041512101	113444
G502-18-300A	112100	R286-18-300	110706	0001502550	113772	0041512201	110525
G601-18-400	111557	R286-18-300A	110706	0001502850	112428	0041513001	113444
G602-18-400B	111557	R286-18-300B	110706	0001512801	110210	0041513101	114319
G608-18-300	113030	R2D3-18-300A	110699	0001513301	110537	0041513501	111065
G615-18-300	113441	RF01-18-300	110699	0011512901	110208	0041513601	113389
GE01-18-300	112270	RF01-18-400	110389	0011513601	110537	0041514401	111065
GY01-18-300E	114356	RF09-18-300	110699	0011513801	110512	0041514501	111851
GY01-18-300J	114356	RF11-18-300	110969	0011513901	110531	0041514601	111347
H612-18-300	112270	RF1H-18-400	113318	0011514101	110512	0041515601	111065
H834-18-300	110383	RF1S-18-300	113785	0011514801	110869	0041515901	110524
HE19-18-300	110383	RF30-18-300	110699	0011516201	110368	0041516001	110206
HE21-18-300	110383	RF30-18-300B	110699	0011516401	110775	0041516101	110210
HE26-18-300	110383	RF5C-18-400	114059	0011516901	111347	0041516201	111982
HE41-18-300	110134	RF79-18-300	111337	0011517701	110869	0041516301	112440
HE45-18-300	110134	RF7J-18-300A	114111	0011519101	112249	0041516401	111347
JE01-18-300	110406	RF85-18-300	111337	0011519401	110525	0041516501	111851
JE01-18-400	111246	RF92-18-300	111337	0011519601	110524	0041516601	113444
JE01-18-400A	111246	RF92-18-300C	111337	0011519701	110210	0041516701	112440
JE01-18-400B	111246	RFB3-18-300	110706	0011546801	110869	0041516901	111347
JE15-18-300	112100	RFB3-18-300A	110706	0021506901	110368	0041517001	111851
JE16-18-400	111246	RFJ5-18-300	112332	0021510201	110206	0041517101	112440
JE16-18-400B	111246	RFJ5-18-300B	112332	0021510701	110524	0041517301	110524
JE26-18-400	111246	RFL1-18-400	110389	0021510801	110869	0041517901	111065
JE28-18-300	112100	S210-18-400	110578	0021511501	110869	0041518101	111347
JE34-18-300A	112100	S211-18-400	110578	0021512601	110775	0041518501	111931
JE48-18-300C	113033	S515-18-400A	114439	0021513001	110368	0041518601	113979
JE48-18-400	111246	S515-18-400C	114439	0021513101	110869	0041518701	112286
K621-18-400	110578	S5A1-18-400A	114439	0021514301	110838	0041518801	111771
K711-18-400C	110389	S5SN-18-300	111495	0021515301	110206	0041518901	111851
K801-18-300	111315	S5SN-18-300A	111495	0021516401	110775	0041519201	111851
K801-18-300B	111315	SLR4-18-300	114415	0021516901	110368	0041519301	114395
K801-18-300C	111315	WL01-18-400	113702	0021517101	110869	0041519401	111771
K801-18-300D	111315	WL02-18-400A	113702	0021518001	110537	0041519701	111851
K802-18-400	113816	WL11-18-300	113785	0021518101	110512	0041541802	110358
K805-18-400	111311	WL11-18-300A	113785	0021518401	110537	0041542002	110358
KG21-18-400	110578	WL21-18-300	112352	0021518501	110512	0041544402	110730
KL11-18-300D	111315	WL61-18-400	113702	0021519301	110862	0041544602	110730
KL86-18-400	114614	WL81-18-400	113702	0021519401	110525	0041545902	110358
L327-18-400	113819	WL91-18-300	112352	0021519701	110838	0041547402	110358
L3H5-18-400	113814	WL91-18-400	113702	0021519801	110838	0051510601	111347
L813-18-300	113348	WLAA-18-300A	112352	0021543802	112098	0051510701	112380
LF18-18-300	113348	Y401-18-300	113912	0021544002	112098	0051511101	111931
LFY8-18-300	113348	Y401-18-400	113905	0031510001	110862	0051511201	114636
N221-18-300	110168	Y401-18-400A	113905	0031510401	110524	0051511301	111851
N222-18-300	110383	Y601-18-300	113922	0031510501	110525	0051512101	111931
N245-18-300	110406	Y601-18-300A	113922	0031510701	110368	0051512201	111982
N249-18-300	110692	Y601-18-300B	113922	0031510801	110524	0051512601	112380
N318-18-300	111408	Y601-18-400A	113908	0031511101	110368	0051512701	110206
N318-18-400	113135	Y601-18-400B	113908	0031511801	110524	0051512801	110210
N318-18-400A	113135	Y601-18-400C	113908	0031511901	110869	0051512901	112440

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MERCEDES BENZ</b> <i>Continued</i>							
0051513401	111347	0071542402	110906	0101541202	112539	0121546702	113351
0051513601	111347	0071542402	113920	0101541502	112196	0121546802	113351
0051513801	114051	0071542602	113611	0101541602	112196	0121549802	113944
0051513901	113513	0071542702	110895	0101542002	110895	0131541002	113951
0051514001	113513	0071542802	111629	0101542102	113885	0131541302	112425
0051514601	111347	0071543302	110923	0101542902	113489	0131541502	112197
0051514701	111931	0071543402	110923	0101543202	111902	0131541702	113889
0051515001	113609	0071544002	110906	0101543802	111967	0131542802	113351
0051515301	111347	0071544802	110923	0101543902	111943	0131543202	112425
0051516401	113851	0071545202	110923	0101544002	112530	0131543602	113889
0051516501	113282	0071545302	111093	0101544602	111369	0131544202	113351
0051516601	111851	0071545402	111093	0101544702	112529	0131544302	113351
0051517301	111347	0071545502	111093	0101544802	111890	0131547802	113351
0051519401	111771	0071545602	111093	0101544902	113442	0131547902	113351
0051541102	110906	0071545802	111149	0101545102	112530	0131548002	113835
0051542902	110751	0071546002	110923	0101545202	112530	0131548102	113302
0051543102	110113	0071546002	113866	0101545402	112529	1601540101	114025
0051543202	113611	0071546102	110923	0101545502	111369	1601540201	114025
0051543302	111141	0071546102	113866	0101545902	112197	1601540301	112384
0051543402	110895	0071546702	112734	0101546802	111850	1601540401	112384
0051543502	111629	0071546802	112734	0101547102	111850	1601540501	112384
0051545102	110113	0071549202	112159	0101547402	111826	1601540601	112384
0051545202	111141	0071549902	112159	0101547402	113869	1611513001	111851
0051545602	111141	0081541102	113876	0101547502	111902	1611543402	112530
0051545802	110358	0081542902	112785	0101547802	113489	1661510001	113756
0051546002	111141	0081543102	110906	0101548102	111902	2661500101	114046
0051546302	110875	0081544302	112774	0101548302	113489	2711540802	113877
0051546602	110875	0081544802	112785	0101548902	113448	2711540902	113877
0051546702	110358	0081545202	111354	0101549002	112561	3661502350	113920
0051547402	110358	0081547402	112194	0101549102	112561	6401540102	114130
0051547502	110358	0081547602	111149	0101549202	113448	6401540202	114130
0051547602	110358	0081547802	111833	0101549402	111883	6401540302	114130
0051547702	110358	0081548302	112539	0101549502	112197	6401540402	114130
0051547802	110358	0081548402	112539	0101549602	112197	6401540502	114130
0051547902	110358	0081548702	111093	0101549802	113486	6421540202	114042
0051548102	112288	0081548902	110923	0101549902	111369	6421540402	114042
0051548202	110112	0081549202	112194	0111540302	111903	6461540002	114392
0051548302	110761	0081549702	111354	0111540402	112529	6461540102	114102
0051548402	111629	0091540102	111369	0111540502	113442	6461541102	114102
0051548502	110113	0091540202	111369	0111540602	113889	6601510101	114051
0051549802	110875	0091540602	113920	0111540702	111902	6601540902	114040
0061510301	111931	0091540702	110895	0111540802	111883	6611513801	114270
0061510501	113282	0091540802	111629	0111540902	112197	6681540102	113251
0061511001	114178	0091540902	111629	0111541002	113489	6681540202	113251
0061511501	113851	0091541202	112194	0111542702	113835	6681540302	113251
0061512101	111982	0091541502	113920	0111543202	113489	7161090140	112747
0061512303	114395	0091541702	112194	0111543502	111967	0001477V006	114051
0061512501	114093	0091541902	112539	0111545002	111833	0003188V006	112380
0061512701	113389	0091542902	111903	0111545602	111967	A0001500550	112428
0061513701	113282	0091543002	112529	0111546202	113835	A0001500650	112428
0061514601	114093	0091543302	111890	0111546402	113302	A0001501650	113771
0061516401	114045	0091543402	113920	0111546802	113300	A0001501750	113772
0061516901	113851	0091543602	112194	0111547002	112425	A0001502050	112428
0061517401	114093	0091543702	112194	0111547202	113300	A0001502450	113771
0061519001	114045	0091544002	111354	0111547802	112197	A0001502550	113772
0061541502	110875	0091544102	111354	0111548002	114040	A0001502850	112428
0061541602	112098	0091544202	111354	0111548202	111943	A0001512801	110210
0061541702	110766	0091544302	112530	0111548402	112535	A0001513301	110537
0061542102	111629	0091545102	111850	0111548602	113351	A0011512901	110208
0061542402	111141	0091545602	111850	0111548702	113351	A0011513601	110537
0061542902	111649	0091545802	112529	0111548902	113448	A0011513801	110512
0061543002	110358	0091545902	111369	0111549102	113302	A0011513901	110531
0061543902	112288	0091546002	111902	0111549302	112535	A0011514101	110512
0061544002	112288	0091546702	111850	0121540402	113351	A0011514801	110869
0061544802	112747	0091547602	113486	0121540502	113351	A0011516201	110368
0061545402	110923	0091548802	112194	0121541002	113351	A0011516401	110775
0061546402	111149	0091549302	112530	0121541102	113351	A0011516901	111347
0061546502	111149	0091549702	112561	0121541402	113949	A0011517701	110869
0061546702	110113	0091549802	112561	0121541502	112425	A0011519101	112249
0061547302	111149	0091549902	113448	0121541702	112425	A0011519401	110525
0061548702	111093	0101540002	113448	0121542002	113889	A0011519601	110524
0061548802	110923	0101540102	111883	0121542202	113889	A0011519701	110210
0061548902	110923	0101540202	111902	0121542402	112197	A0011546801	110869
0071518901	111851	0101540302	111826	0121544302	111943	A0021506901	110368
0071519201	111851	0101540302	113869	0121544402	111943	A0021510201	110206
0071540602	111149	0101540402	111826	0121544502	111967	A0021510701	110524
0071541202	110358	0101540502	111883	0121544602	112425	A0021510801	110869
0071542102	110113	0101540602	112539	0121545402	112197	A0021511501	110869
0071542302	111141	0101540802	111890	0121545902	113274	A0021512601	110775

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A0021513001	110368	A0041518701	112286	A0061542902	111649	A0091548802	112194
A0021513101	110869	A0041518801	111771	A0061543002	110358	A0091549302	112530
A0021514301	110838	A0041518901	111851	A0061543902	112288	A0091549702	112561
A0021515301	110206	A0041519201	111851	A0061544002	112288	A0091549802	112561
A0021516401	110775	A0041519301	114395	A0061546402	111149	A0091549902	113448
A0021516901	110368	A0041519401	111771	A0061546502	111149	A0101540002	113448
A0021517101	110869	A0041519701	111851	A0061546702	110113	A0101540102	111883
A0021518001	110537	A0041541802	110358	A0061547302	111149	A0101540202	111902
A0021518101	110512	A0041542002	110358	A0061548702	111093	A0101540302	111826
A0021518401	110537	A0041544402	110730	A0061548802	110923	A0101540402	111826
A0021518501	110512	A0041544602	110730	A0061548902	110923	A0101540502	111883
A0021519301	110862	A0041545902	110358	A0071518901	111851	A0101540602	112539
A0021519401	110525	A0041547402	110358	A0071519201	111851	A0101540802	111890
A0021519701	110838	A0051510601	111347	A0071540602	111149	A0101541002	113489
A0021519801	110838	A0051510701	112380	A0071541202	110358	A0101541202	112539
A0021543802	112098	A0051511101	111931	A0071542102	110113	A0101541502	112196
A0021544002	112098	A0051511201	114636	A0071542302	111141	A0101541602	112196
A0031510001	110862	A0051511301	112440	A0071542402	110906	A0101542002	110895
A0031510401	110524	A0051512101	111931	A0071542702	110895	A0101542102	113885
A0031510501	110525	A0051512201	111982	A0071542802	111629	A0101542902	113489
A0031510701	110368	A0051512601	112380	A0071543302	110923	A0101543202	111902
A0031510801	110524	A0051512701	110206	A0071543402	110923	A0101543802	111967
A0031511101	110368	A0051512801	110210	A0071544002	110906	A0101543902	111943
A0031511801	110524	A0051512901	112440	A0071544802	110923	A0101544002	112530
A0031511901	110869	A0051513401	111347	A0071545202	110923	A0101544602	111369
A0031512001	110368	A0051513601	111347	A0071545302	111093	A0101544702	112529
A0031512101	112249	A0051513801	114051	A0071545402	111093	A0101544902	113442
A0031512801	111347	A0051513901	113513	A0071545502	111093	A0101545102	112530
A0031512901	111065	A0051514001	113513	A0071545602	111093	A0101545202	112530
A0031513801	110862	A0051514601	111347	A0071545802	111149	A0101545402	112529
A0031514501	110206	A0051515001	113609	A0071546002	110923	A0101545502	111369
A0031515001	111851	A0051515301	111347	A0071546102	110923	A0101545902	112197
A0031515401	110368	A0051516401	113851	A0071546702	112734	A0101546802	111850
A0031515601	110537	A0051516501	113282	A0071546802	112734	A0101547102	111850
A0031515701	110512	A0051516601	111851	A0071549202	112159	A0101547402	111826
A0031515901	110537	A0051541102	110906	A0071549902	112159	A0101547402	113869
A0031516001	110512	A0051542902	110751	A0081541102	113876	A0101547502	111902
A0031516401	110206	A0051543102	110113	A0081542902	112785	A0101547802	113489
A0031516601	110531	A0051543202	113611	A0081543102	110906	A0101548102	111902
A0031517301	110525	A0051543302	111141	A0081544002	112774	A0101548302	113489
A0031517401	110524	A0051543402	110895	A0081544202	112774	A0101548902	113448
A0031518601	110524	A0051545102	110113	A0081544302	112774	A0101549002	112561
A0031518701	110525	A0051545202	111141	A0081544802	112785	A0101549102	112561
A0031518801	110524	A0051545602	111141	A0081545202	111354	A0101549202	113448
A0031519801	111065	A0051545802	110358	A0081545602	112194	A0101549402	111883
A0031540502	112098	A0051546002	111141	A0081547402	112194	A0101549502	113889
A0031541002	112098	A0051546302	110875	A0081547602	111149	A0101549502	113889
A0031541702	110766	A0051546602	110875	A0081547802	111833	A0101549602	112197
A0031544802	110113	A0051546702	110358	A0081548302	112539	A0101549802	113486
A0031546102	110735	A0051547402	110358	A0081548402	112539	A0101549902	111369
A0041510901	110368	A0051547502	110358	A0081548702	111093	A0111540302	111903
A0041512001	113389	A0051547602	110358	A0081549202	112194	A0111540402	112529
A0041512101	113444	A0051547702	110358	A0081549602	111354	A0111540502	113442
A0041512201	110525	A0051547802	110358	A0081549702	111354	A0111540602	113889
A0041513001	113444	A0051547902	110358	A0091540102	111369	A0111540702	111902
A0041513101	114319	A0051548102	112288	A0091540202	111369	A0111540802	111883
A0041513501	111065	A0051548202	110112	A0091540602	113920	A0111540902	112197
A0041513601	113389	A0051548302	110761	A0091540702	110895	A0111541002	113489
A0041514401	111065	A0051548502	110113	A0091540802	111629	A0111542702	113835
A0041514501	111851	A0051549802	110875	A0091540902	111629	A0111543202	113489
A0041514601	111347	A0061510301	111931	A0091541502	113920	A0111543502	111967
A0041515601	111065	A0061510501	113282	A0091541702	112194	A0111545002	111833
A0041515901	110524	A0061511001	114178	A0091541902	112539	A0111545602	111967
A0041516001	110206	A0061511501	113851	A0091542902	111903	A0111546202	113835
A0041516101	110210	A0061512101	111982	A0091543002	112529	A0111546402	113302
A0041516201	111982	A0061512101	111982	A0091543302	111890	A0111546802	113300
A0041516301	112440	A0061512303	114395	A0091543402	113920	A0111547002	112425
A0041516401	111347	A0061512501	114093	A0091543602	112194	A0111547202	113300
A0041516501	111851	A0061512701	113389	A0091543702	112194	A0111547802	112197
A0041516601	113444	A0061513701	113282	A0091544002	111354	A0111548002	114040
A0041516701	112440	A0061514601	114093	A0091544102	111354	A0111548202	111943
A0041516901	111347	A0061516401	114045	A0091544202	111354	A0111548402	112535
A0041517001	111851	A0061516901	113851	A0091544302	112530	A0111548602	113351
A0041517101	112440	A0061517401	114093	A0091545102	111850	A0111548702	113351
A0041517301	110524	A0061519001	114045	A0091545602	111850	A0111548902	113448
A0041517901	111065	A0061541502	110875	A0091545802	112529	A0111549102	113302
A0041518101	111347	A0061541602	112098	A0091545902	111369	A0111549302	112535
A0041518501	111931	A0061541702	110766	A0091546002	111902	A0121540402	113351
A0041518601	113979	A0061542102	111629	A0091546702	111850	A0121540502	113351
		A0061542402	111141		113486	A0121541002	113351

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MERCEDES BENZ</b> <i>Continued</i>							
A0121541102	113351	50-32411	110241	50-859171T	113591	SM402-05N	112214
A0121541402	113949	50-37345	110241	50-884045T	112830	SM402-10	111543
A0121541502	112197	50-37345A1	110241	50-893893	110650	SM402-10N	111543
A0121541702	112425	50-38890	110241	50-90983A1	112247	SM402-13	113026
A0121542002	113889	50-38890A1	110241	50-90983T1	112247	SM402-13N	113026
A0121542202	113889	50-44369	110654	50-909883A	112247	SM402-15	113024
A0121542402	112197	50-44414	110650	50-97499A2	112233	SM402-15N	113024
A0121544302	111943	50-44415	110650	50-99417A2	111277	SM402-16	113025
A0121544402	111943	50-55601	110241	50-99418A2	110216	SM402-16N	113025
A0121544502	111967	50-55601A2	110241	805447T	111710	SM402-17	110312
A0121544602	112425	50-55801A	110241	80-5844T	111710	SM402-17N	110312
A0121545402	112197	50-57465	110649	805884P	111710	SM402-21N	110312
A0121545902	113274	50-57485	110648	80-5884P	111710	SM422-01	113396
A0121546702	113351	50-57867	110649	805884T	111710	SM422-02	113398
A0121546802	113351	50-58788	110649	80-5884T	111710	SM422-07	110312
A0121549802	113944	50-60315	110648	80-7652	111710	SM422-09	113399
A0131541002	113951	50-60594A1	110649	80-7652T	111710	SM422-14	112214
A0131541302	112425	50-616955-1	110636	80-7653	111710	SM422-16	112214
A0131541502	112197	50-64975	110649	80-7653T	111710	SM42226	112213
A0131541702	113889	50-65436	110648	81-7119	110959	SM422-26	112213
A0131542802	113351	50-66015	110648	817119-2	110959	SM422-27	112214
A0131543202	112425	50-660152	110648	81-71192	110959	SM422-28	113409
A0131543602	113889	50-66015-3	110648	821663-1	112491	SM442-01	113392
A0131544202	113351	50-66015T	110648	854346-4	112153	SM442-02	113398
A0131544302	113351	50-66015T-1	110648	862031T	113685	SM442-08	113400
A0131547302	111833	50-69864A1	111277	88183A12	112152	SM442-09	113390
A0131547802	113351	50-69865A1	110225	92497A3	110959	SM442-10	110312
A0131547902	113351	50-70604A1	111213	99-186	111862	SM442-13	113394
A0131548002	113835	50-70604A3	111213	99-1861	111862	SM44223	112214
A0131548102	113302	50-72467	110649	99-186T	111862	SM442-23	112214
A1121540202	113302	50-72550A2	112233	A2-5942	110241	SM442-24	113393
A1601540101	114025	50-73521	110654	A5-029105	110241	SM442-31	113648
A1601540201	114025	50-76963A3	112232			SM442-32	113617
A1601540301	112384	50-77141	110650			SM442-36	113617
A1601540401	112384	50-77328A1	110216	<b>MITSUBA</b>		SM612-09	113821
A1601540501	112384	50-79472	110650	3084981	113528	SM710-01	114137
A1601540601	112384	50-794721	110650	3240-110	112010	SM7255	113546
A1611543402	112530	50-794721	110650	63M818-00	112011	SMU0064	113547
A1661510001	113756	50-79604A3	112233	SM10230	111922		
A2661500101	114046	50-79822A1	111277	SM13	113528		
A2711540802	113877	50-79823A1	111277	SM13213	111921	<b>MITSUBISHI</b>	
A2711540902	113877	50-806963A2	111699	SM13232	111923	1810A048	112474
A3661502350	113920	50-806963A4	111699	SM13233	111924	1810A050	112370
A6401540102	114130	50-806964A3	111699	SM13237	111917	1810A053	111912
A6401540202	114130	50-806965A2	111699	SM13245	111925	1810A101	114460
A6401540302	114130	50-806965A4	111699	SM13277	113541	32B66-00202	114169
A6401540302	114130	50-807907	111786	SM13298	113527	37566-05200	114393
A6401540402	114130	50-809904A1	112239	SM13422	111926	37566-15200	114393
A6401540502	114130	50-812428A3	111786	SM13475	111927	37566-35200	114393
A6421540202	114042	50-812604A2	111786	SM224	113538	A0T25171	111832
A6421540402	114042	50-818445	112825	SM2241	113540	A0T25271	111832
A6461540002	114392	50-818445-2	112825	SM302-02	111458	A0T25371	111832
A6461540102	114102	50-818445-3	112825	SM302-04	111442	A0T25373	111832
A6461541102	114102	50-818445-5	112825	SM302-06	111458	A1T01591	110927
A6601540902	114040	50-819271	113149	SM302-07	110312	A1T01791	111279
A6611513501	111065	50-819968	112146	SM302-08	111458	A1T02291	111578
A6681540102	113251	50-819968-1	112146	SM302-10	110312	A1T02292	111578
A6681540202	113251	50-819968A1	112146	SM302-12	110312	A1T02292ZC	111578
A6681540302	113251	50-819968A2	112146	SM302-15	110312	A1T02674	111841
		50-820193	112827	SM302-16	111442	A1T02674D	111841
<b>MERCURY MARINE</b>		50-822330A2	111786	SM302-18	111543	A1T02871	110264
87828	111862	50-822462	112826	SM302-19	111546	A1T02991	111279
92497	110959	50-8224621	112826	SM302-22	113022	A1T03191	111279
807652	111710	50-822462-1	112826	SM302-24	111442	A1T03191ZC	111279
807653	111710	50-822462T1	112826	SM302-25	110312	A1T03195	111279
821663	112491	50-830308	112829	SM302-27	111543	A1T03195ZC	111279
822982	111576	50-830308-1	112829	SM302-28	111543	A1T03292	111535
862030	114172	50-830308T	112829	SM302-40	111442	A1T03391	111535
862031	113685	50-831001562	113214	SM302-41N	111543	A1T03392	111535
8171192	110959	50-831001957	112146	SM302-44	113508	A1T03476	112270
14-336A8	112152	50-831001961	113214	SM302-44N	113508	A1T03791	111535
17649A1	111862	50-834749	113591	SM302-45	113508	A1T03792	111535
17-649A1	111862	50-852570	113592	SM302-46	111442	A1T04495	111279
48-9955	110636	50-852570T	113592	SM302-48	111442	A1T04892	111578
50-12177A2	110216	50-854636	112830	SM402-02	111442	A1T04892ZC	111578
50-14336AB	112152	50-854636T	112830	SM402-03	113024	A1T04991	111578
50-17649A1	111862	50-857065	113592	SM402-03N	113024	A1T05792	111535
50-29105	110241	50-859169T	112829	SM402-04	112214	A1T11574	111042
50-30829	110241	50-859170-1	112830	SM402-04N	112214	A1T15674	110133
50-32403	110241	50-859170T	112830	SM402-05	112214	A1T20174	110133

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A1T20178	110133	A2T05893ZC	110664	A2T25171	110136	A2T40972	110307
A1T20271	110128	A2T06092	110664	A2T25271	110318	A2T41371	110318
A1T20572	110133	A2T06274	111408	A2T25377	110702	A2T41377	110318
A1T20573	110133	A2T06384	111240	A2T26072	110136	A2T41674	110406
A1T20574	110133	A2T06577	110406	A2T26172	110136	A2T41677	110406
A1T20579	110133	A2T07474	111408	A2T26391	111076	A2T41791	110660
A1T20591	110133	A2T08577	111337	A2T26391G	111076	A2T41892	110956
A1T21171	110128	A2T08577A	111337	A2T26471	110129	A2T42177	110406
A1T21337	110133	A2T08577B	111337	A2T26572	110131	A2T43583	110672
A1T21372	110133	A2T09291	112531	A2T27091	111076	A2T43691	112531
A1T21374	110133	A2T09292	110659	A2T27091A	111076	A2T43791	110660
A1T21377	110133	A2T09392	112531	A2T27091C	111076	A2T44277	110406
A1T21397	110133	A2T09493	110659	A2T27091D	111076	A2T45494	111433
A1T22071	110264	A2T09691	110666	A2T27091E	111076	A2T45877	110406
A1T22074	111042	A2T09884	111240	A2T27091F	111076	A2T45887	110406
A1T22581	110128	A2T10083	110806	A2T27091G	111076	A2T47474	111408
A1T22971	110264	A2T12371	110140	A2T27477	112127	A2T47794	111433
A1T22975	110264	A2T12671	110140	A2T27477A	112127	A2T47974	111408
A1T23377	112270	A2T13391	111175	A2T27883	111339	A2T48176	112970
A1T24371	110264	A2T13391B	111175	A2T28091	110660	A2T48176A	112970
A1T24471	110128	A2T13391C	111175	A2T28792	111293	A2T48176B	112970
A1T24571	110264	A2T13391D	111175	A2T28976	110667	A2T48195	112208
A1T25077	112270	A2T13391E	111175	A2T30271	110140	A2T48195A	112208
A1T25083	112270	A2T13894	111264	A2T31677	110383	A2T48195B	112208
A1T25087	112270	A2T13977	112100	A2T31977	110383	A2T48292	110630
A1T25097	112270	A2T13977X	112100	A2T32077	112127	A2T48298	110630
A1T30471	110133	A2T14376	111243	A2T32171	111035	A2T48691	112531
A1T30474	110133	A2T14472	110307	A2T32899	112100	A2T48791	110666
A1T30477	110133	A2T14591	111293	A2T33191	111317	A2T48791ZC	110666
A1T31374	112270	A2T14592	112325	A2T33191A	111317	A2T49177	110406
A1T31377	112270	A2T14694	111434	A2T33191ZC	111317	A2T49377	110687
A1T31685	112270	A2T14792	110957	A2T33891	111959	A2T49476	110687
A1T31699	112270	A2T14792ZC	110957	A2T33891ZC	111959	A2T49777	110406
A1T32471	110264	A2T14876	111243	A2T33892	111959	A2T49792	110660
A1T33277	112270	A2T14972	110131	A2T33991	111237	A2T49992	110957
A1T33771	110385	A2T16371	110140	A2T33991A	111237	A2T70571	111344
A1T40191	110927	A2T16472	110318	A2T34377	110689	A2T70771	113196
A1T41291	110927	A2T16871	110140	A2T34477	110663	A2T70772	113196
A1T70783	110448	A2T17172	110168	A2T34591	111173	A2T70774	113196
A1TA2291	113403	A2T17491	112762	A2T34591A	111173	A2T70784	113196
A1TA2293	113403	A2T17783	111339	A2T34591B	111173	A2T70987	113196
A1TA3391	113405	A2T17872	110692	A2T34591C	111173	A2T71583	111344
A1TA3391A	113405	A2T18476	110667	A2T34598	110907	A2T72185	113196
A1TA3391B	113405	A2T18479	110667	A2T34598A	110907	A2T72186	113196
A1TA3391C	113405	A2T19677	112100	A2T34598B	110907	A2T72189	113196
A2T00991	110660	A2T19777	112100	A2T34598C	110907	A2T72383	112210
A2T01384	111240	A2T19877	112100	A2T34692A	111264	A2T72883	113196
A2T01483	110806	A2T19877ZC	112100	A2T34692B	111264	A2T72985	113196
A2T01493	111406	A2T19991	110664	A2T35177	110663	A2T72986	113196
A2T01583	110806	A2T19991A	110664	A2T35277	110689	A2T72987	113196
A2T01683	110806	A2T20191	110664	A2T35791	111264	A2T72999	113196
A2T01686	110806	A2T20191ZC	110664	A2T35791A	111264	A2T73387	113196
A2T01783	110806	A2T21072	110129	A2T36776	114415	A2T74336	113196
A2T02084	111240	A2T21278	110134	A2T37291	112031	A2T74385	113196
A2T02271	111469	A2T21371	110131	A2T37391	113315	A2T80391	111807
A2T02394	111433	A2T21871	110129	A2T37391A	113315	A2T80591	113034
A2T02394B	111433	A2T21872	110129	A2T37391AC	113315	A2T80591A	113034
A2T02471	113032	A2T21882	110129	A2T37391ZC	113315	A2T80591ZC	113034
A2T02572	111372	A2T21972	110131	A2T37691	112298	A2T81192	111530
A2T02577	111372	A2T21977	110131	A2T37691A	112298	A2T81192ZC	111530
A2T03171	111372	A2T21982	110131	A2T37692	111175	A2T81291	111530
A2T03177	111372	A2T22771	110140	A2T37976	112081	A2T81292	111530
A2T03292	111173	A2T22871	110168	A2T38391	111376	A2T81292ZC	111530
A2T03477	113032	A2T23171	110140	A2T38391ZC	111376	A2T81391	111530
A2T03591	110660	A2T23271	110318	A2T38491	111375	A2T81499	111872
A2T03691	110660	A2T23277	110318	A2T38676	111587	A2T81791	111376
A2T03792	110660	A2T23474	110134	A2T38891	111375	A2T81791A	111376
A2T04271	111469	A2T23477	110134	A2T38892	111375	A2T81891	111292
A2T04277	111469	A2T23494	110383	A2T38892A	111375	A2T82378	112332
A2T04474	111408	A2T24072	110168	A2T39091	112031	A2T82491	111726
A2T04599	111337	A2T24172	110168	A2T39291	111959	A2T82491A	111726
A2T04677	110662	A2T24272	110168	A2T39391	111807	A2T82491B	111726
A2T05772	112297	A2T24372	110168	A2T39391A	111807	A2T82791	113462
A2T05772X	112297	A2T24771	110318	A2T40092	111375	A2T82791ZC	113462
A2T05892	110664	A2T24884	110805	A2T40092A	111375	A2T82792	113462
A2T05892A	110664	A2T24971	110168	A2T40374	110383	A2T82792ZC	113462
A2T05892B	110664	A2T24972	110168	A2T40377	110383	A2T82899	111594
A2T05892ZC	110664	A2T25071	110136	A2T40671	110318	A2T82899A	111594
A2T05893	110664	A2T25081	110136	A2T40971	110307	A2T82899AT	111594

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
A2T82899ZT	111594	A2TB3191A	113317	A3T04493	110956	A3TA0791A	111806
A2T83491	111807	A2TB3691	111726	A3T04999	112331	A3TA1091	113369
A2T83491A	111807	A2TB3691KD	111726	A3T05192	111966	A3TA1091ZC	113369
A2TA0091	111375	A2TB3891	113439	A3T05499	111491	A3TA1191	112362
A2TA0291	112298	A2TB3891KD	113439	A3T06099	112331	A3TA1191A	112362
A2TA0291B	112298	A2TB4391	113485	A3T07483	112129	A3TA1591	112549
A2TA0291C	113507	A2TB4691	113439	A3T07592	113033	A3TA2391	114432
A2TA0291D	112298	A2TB4791	113603	A3T08183	111238	A3TA2799	111871
A2TA0291F	112298	A2TB4791A	113603	A3T08293	111314	A3TA2799A	111871
A2TA0491	111726	A2TB4791B	113603	A3T08491	111315	A3TA3098	111626
A2TA0891	113507	A2TB4891A	112480	A3T08491A	111315	A3TA3098A	111626
A2TA0891ZC	113507	A2TB4891B	112480	A3T08491C	111315	A3TA4091	114573
A2TA0892	113507	A2TB4891C	112480	A3T08491ZC	111315	A3TA4191	113027
A2TA0892ZC	113507	A2TB4891D	112480	A3T08591	113463	A3TA4191ZC	113027
A2TA1099	113785	A2TB5791ZC	112328	A3T08699	111956	A3TA4298	113321
A2TA1099A	113785	A2TB5891	111959	A3T09198	111626	A3TA4399	112359
A2TA1191	111807	A2TB5891AC	111959	A3T09199	111956	A3TA4791	112348
A2TA1991	111318	A2TB5891ZC	111959	A3T09698	111956	A3TA5491	112327
A2TA1991D	111318	A2TB6191	111384	A3T09699	111956	A3TA5492	112327
A2TA1991F	111318	A2TB6192	111384	A3T11191	111627	A3TA5591	112703
A2TA1994	113485	A2TB6291	113634	A3T11278	111587	A3TA5591A	112703
A2TA1994B	113485	A2TB6481	112457	A3T11278A	111587	A3TA5691	113370
A2TA1994C	113485	A2TB7391	114357	A3T11678	111952	A3TA6491	113503
A2TA1994D	113485	A2TB7591	113712	A3T11678A	111952	A3TA6491A	113503
A2TA2091	113604	A2TB7791	112067	A3T11991	111627	A3TA7791	112327
A2TA2091D	113604	A2TC0981	112457	A3T12291	111406	A3TB0291	112327
A2TA2091E	113604	A2TC1479ZT	112352	A3T12391	113566	A3TB0771	113324
A2TA2091F	113604	A2TN0076	111587	A3T12491	111406	A3TB0891	113503
A2TA2094	112688	A2TN0076A	111587	A3T14292	113027	A3TB0891A	113503
A2TA2094B	112688	A2TN0299	112065	A3T14491	112362	A3TB0891B	113503
A2TA2094C	112688	A2TN0399	111872	A3T15099	112128	A3TB0891C	113503
A2TA2094D	112688	A2TN0499	111872	A3T20777	110383	A3TB0991	112361
A2TA2191	113558	A2TN0499AT	111594	A3T21277	110383	A3TB1081	114356
A2TA2292	112325	A2TN0499ZT	111872	A3T21278	110383	A3TB1081B	114356
A2TA2392	111293	A2TN1199	112128	A3T21371	110318	A3TB1299	111956
A2TA2591	111292	A2TN1199A	112128	A3T21474	110136	A3TB1999	113321
A2TA2871	113310	A2TN1199AT	112128	A3T21677	110383	A3TB1999KD	113321
A2TA2871A	113310	A2TN1199ZT	112128	A3T30271	110140	A3TB4191	112327
A2TA3491	111375	A2TN1299	112065	A3T31977	110383	A3TB6581	114111
A2TA3791	111529	A2TN1299ZT	112065	A3T32272	110307	A3TG0081	113348
A2TA3991	111807	A2TN1583	114018	A3T32872	110405	A3TG0081A	113348
A2TA4091	111726	A2TN1683	114367	A3T32997	110457	A3TG0091	113348
A2TA4091A	111726	A2TN1798	112355	A3T33272	110307	A3TG1192	113782
A2TA4092A	111726	A2TN1798A	112355	A3T33684	110457	A3TG2681	114244
A2TA4092B	111726	A2TN1798AT	112355	A3T33698	110457	A3TG2681AE	114244
A2TA4991	112328	A2TN1798ZT	112355	A3T33977	110383	A3TG2681ZE	114244
A2TA5191	112353	A2TN2476	111587	A3T34077	110383	A3TJ0891ZC	113781
A2TA5391	112328	A2TN2476A	111587	A3T34598	110907	A3TN0399	112128
A2TA5391ZT	112328	A2TV0981	112457	A3T34672	110405	A3TN0499	112128
A2TA5392	114357	A3T00599	111491	A3T34677	110405	A3TN0699	112205
A2TA5891	111807	A3T00692	110803	A3T34872	110307	A3TN0699A	112205
A2TA6099	112352	A3T00693	110803	A3T40472	110307	A3TN0899	112205
A2TA6099A	112352	A3T00792	110803	A3T45191	111173	A3TN0999	112331
A2TA6099AT	112352	A3T01596	111395	A3T45291	111173	A3TN1199	112205
A2TA7491	111529	A3T01598	111395	A3T45291A	111173	A3TN1578	111952
A2TA7491ZC	111529	A3T02192	110856	A3T45291C	111173	A3TN1578A	111952
A2TA7591	112031	A3T02193	110956	A3T45291D	111173	A3TN1791	111797
A2TA7691	112031	A3T02198	110956	A3T45291F	111173	A3TN2481	114187
A2TB0091	111384	A3T02892	110802	A3T45298	110907	A3TN2581	114207
A2TB0091A	111384	A3T02972	110307	A3T45298D	110907	A3TN2581A	114533
A2TB0091B	111384	A3T03099	111747	A3T45298F	110907	A3TN2581AT	114533
A2TB0191	112067	A3T03291	111173	A3T45691	110804	A3TN5188	113497
A2TB0191A	112067	A3T03291A	111173	A3T45693	110804	A3TN5288	113506
A2TB0191B	112067	A3T03291B	111173	A3T45693ZC	110804	A3TR0091	113971
A2TB0491	113439	A3T03298	110907	A3T45694	110804	A3TR0091ZT	113971
A2TB0491A	113439	A3T03298A	110907	A3T60G2	110405	A4T00891	112231
A2TB0892	112328	A3T03298B	110907	A3T66073	110578	A4T00891C	112231
A2TB1298	113785	A3T03391	110802	A3TA0291A	112299	A4T00891D	112231
A2TB1299	113785	A3T03392	110802	A3TA0491	114432	A4T00891E	112231
A2TB1491	113360	A3T03392ZC	110802	A3TA0591	112299	A4T01192	113368
A2TB1491ZC	113360	A3T03393	110802	A3TA0591C	112299	A4T01192ZC	113368
A2TB2191A	113603	A3T03393ZC	110802	A3TA0591D	112299	A4T01493	111406
A2TB2291A	112480	A3T03471	110802	A3TA0591E	112299	A4T01591	111427
A2TB2391	111384	A3T03492	110802	A3TA0591F	112299	A4T02591	113368
A2TB2491A	111726	A3T03493	110802	A3TA0592	112231	A4T02891	112299
A2TB2891	113634	A3T03493ZC	110802	A3TA0592C	112231	A4T02891A	112299
A2TB2891ZC	113634	A3T04177	111337	A3TA0592D	112231	A4T02891B	112299
A2TB2991	113634	A3T04199	111337	A3TA0592E	112231	A4T02892	112231
A2TB3191	113317	A3T04292	110803	A3TA0791	111806	A4T02892A	112231

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A4T02991	112354	A5T07591	112528	A5TA6191ZC	111779	AG2030A	110128
A4T03191	111406	A5T07592	112528	A5TA6191ZE	111779	AG2030T	110133
A4T03292	112231	A5T07592A	112528	A5TA6291	113405	AG2030T1	110133
A4T03292A	112231	A5T10271	110140	A5TA6291A	113405	AG2035A	110128
A4T03292B	112231	A5T14792	110957	A5TA6291B	113405	AG2035A2	110128
A4T03491	112772	A5T15171	110140	A5TA6291C	113405	AG2035T	110133
A4T03491A	112772	A5T15177	110140	A5TA6291D	113405	AG2035T1	110133
A4T25172	113028	A5T15371	110318	A5TA6291E	113405	AG2035T11	110133
A4T25191	113028	A5T15584	110318	A5TA6291F	113405	AG2035T2	110133
A4T25199	113028	A5T15684	110805	A5TA6291G	113405	AG2035T3	110133
A4T40386	114425	A5T15784	110805	A5TA6291H	113405	AG2035T8	110133
A4T50181	113747	A5T15884	110805	A5TA6291ZEB	113405	AG2035T9	110133
A4TA0091B	112772	A5T16084	110805	A5TA6291ZEC	113405	AG2036T	110133
A4TA0591	113923	A5T16384	110805	A5TA6292C	113250	AG2040AG3	110129
A4TA0592	112427	A5T16871	110140	A5TA6292F	113250	AG2050N	110129
A4TA8291	112427	A5T20374	110168	A5TA6292G	113250	AG2050N1	110129
A4TA8292	112427	A5T20377	110134	A5TA6292ZEB	113250	AG2050N11	110129
A4TA8492	112427	A5T20387	110134	A5TA6391	113575	AG2050N14	110129
A4TF0091A	112460	A5T20481	110805	A5TA6391A	113575	AG2050N16	110129
A4TF0091B	112460	A5T20484	110805	A5TA6391B	113575	AG2050N21	110129
A4TJ0181	113747	A5T20571	110140	A5TA6391C	113575	AG2050N24	110129
A4TJ0181ZC	113747	A5T20871	110168	A5TA6392	113872	AG2050N26	110129
A4TR5592	114212	A5T20872	110168	A5TA6392C	113872	AG2050N31	110129
A4TR5592ZT	114212	A5T20972	110168	A5TA6591	113952	AG2050N4	110129
A4TU0088	114424	A5T21071	110318	A5TA6891	111779	AG2050N6	110129
A4TU5486	113886	A5T21077	110318	A5TA6891A	111779	AG2250C31	110131
A5T00192	110632	A5T21171	110318	A5TA6991A	113954	AG2250C7	110129
A5T00272	110168	A5T21471	110136	A5TA7091	113954	AH2025M4	111042
A5T00777	113030	A5T21472	110136	A5TA7091ZC	113954	AH2035H	110133
A5T00777ZC	113030	A5T21684	110805	A5TA7091ZE	113954	AH2035H27	110133
A5T00877	110689	A5T21871	110168	A5TA7191ZC	113954	AH2035H4	110133
A5T01577	111342	A5T21984	110805	A5TA7599	114116	AH2035H54	110133
A5T01599	110689	A5T21984B	110805	A5TA7599ZC	114116	AH2035H7	110133
A5T01777	110689	A5T22484	110805	A5TA7792	114129	AH2035M	111042
A5T01977	111342	A5T22877	110692	A5TB0891ZE	114245	AH2035M4	111042
A5T02377	113441	A5T22997	110691	A5TB1291ZE	114245	AH2035N1	110128
A5T02377ZC	113441	A5T22997B	110691	A5TB1292AE	114247	AH2035T	110133
A5T02477	111602	A5T23784	110805	A5TG0192	113872	AH2035T1	110133
A5T02477X	111602	A5T30171	110136	A5TG0192A	113872	AH2035T2	110133
A5T02577	111602	A5T30574	110692	A5TG0192B	113872	AH2035T3	110133
A5T02577X	111602	A5T30977	110692	A6T41491	113553	AH2035T4	110133
A5T02677	113441	A5T31177	110692	A6T41591	113554	AH2035T8	110133
A5T02777	110689	A5T31372	111289	A7T00191	111279	AH2035T9	110133
A5T03092	110631	A5T31772	111289	A7T00591	111279	AH2035Z1	110133
A5T03192	110631	A5T31773	111289	A7T00598	111279	AH2035Z5	110133
A5T03391	111308	A5T31774	111289	A7T01991	111279	AH2040C	110759
A5T03477	113441	A5T32174	110383	A7T02071	112492	AH2040C4	110968
A5T03477X	113441	A5T32277	110406	A7T02071A	112492	AH2040H	110133
A5T03477Y	113441	A5T40377	110406	A7T02071C	112492	AH2040H1	110133
A5T03479	113441	A5T41477	110406	A7T02077	112492	AH2040H4	110133
A5T03677	111342	A5T41592	110693	A7T02077A	112492	AH2050C	110129
A5T03677A	111342	A5T41592B	110693	A7T02077C	112492	AH2060N2	110129
A5T03777	111342	A5T41792	110693	A7T02491	111279	AH2140B14	110178
A5T04072	111285	A5T70178	111344	A7T02491A	111279	AH2250C1	110129
A5T04092	111285	A5T70183	111344	A7T02491B	111279	AH2250C2	110129
A5T04292	111285	A5T70270	111344	A7T02591	111279	AH2250C31	110131
A5T04292ZC	111285	A5T70283	111344	A7T03277	111495	AH2250C42	110131
A5T04392	110631	A5TA0091	113035	A7T03277A	111495	AH2250C7	110129
A5T04392A	110631	A5TA0391	114581	A7T03371	112068	AH2250HG1	110318
A5T04392B	110631	A5TA0791AC	111279	A7T03371A	112068	AQ2050A24	110168
A5T04492A	110631	A5TA0791ZC	111279	A7T03771	112069	AQ2050N12	110168
A5T04492B	110631	A5TA0991	113035	A7T03771A	112069	AQ2060B3	110307
A5T05091	110659	A5TA0991ZC	113035	A7T03877	113562	AQ2140C	110759
A5T05473	111953	A5TA1091	112349	A7T04072	111285	AQ2140C4	110759
A5T05473A	111953	A5TA1091ZC	112349	A7T30271	110696	AQ2240K1	110140
A5T05473B	111953	A5TA1891	114581	A7T30371	110696	AQ2245G	110318
A5T06291	111285	A5TA3891	113322	A7T30374	110696	AQ2245G1	110318
A5T06391	111285	A5TA3891A	113322	A7T30471	110696	AQ2245K	110140
A5T06391ZC	111285	A5TA3891AC	113322	A7T30571	110696	AQ2245K1	110140
A5T06491	111285	A5TA3891C	113322	A7T30674	110696	AQ2250C2	110168
A5T06491ZC	111285	A5TA3891ZC	113322	A7T30872	110696	AQ2250D32	110168
A5T06891	111704	A5TA4291ZC	114247	A7TA1777	113562	AQ2250G	110318
A5T06891A	111704	A5TA4391	113952	A7TA3371	112069	AQ2250G1	110318
A5T06891B	111704	A5TA4591	113035	A7TA3377	112069	AQ2250G7	110318
A5T06891C	111704	A5TA4591ZC	113035	A8TU0091	112377	AQ2250K	110140
A5T06891D	111704	A5TA4791	112349	AC2025T	110133	AQ2250K1	110140
A5T07091	111279	A5TA5491	113035	AC2025T5	110133	FW7310346AC	113747
A5T07091A	111279	A5TA5591	112349	AG2020N11	110129	M008T50471	114167
A5T07091ZC	111279	A5TA6191	111779	AG2025A	110128	M009T1881ZC	113775

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
M009T82479	..114330	M1T11172	..110283	M1T72985	..111080	M1T84883	..113638
MOT20171	..111451	M1T11173	..110283	M1T72985A	..111080	M1T84883ZC	..113638
MOT20871	..114460	M1T11174	..110283	M1T73281	..111242	M1T84884	..113638
MOT20871ZE	..114460	M1T30071	..113931	M1T73283	..111242	M1T84981	..113618
MOT20872ZE	..114460	M1T30072	..113931	M1T73371	..111305	M1T84981ZC	..113618
MOT21471	..113897	M1T30171	..114058	M1T73381	..111305	M1T85681	..112474
MOT22471	..113933	M1T30172	..114058	M1T73381ZC	..111305	M1T85682	..112474
MOT22472	..113254	M1T50071	..110824	M1T73382	..111305	M1T85881	..114225
MOT30471	..111552	M1T50171	..111070	M1T73383	..111305	M1T85881ZC	..114225
MOT30475	..111552	M1T50172	..111070	M1T73383ZC	..111305	M1T85981	..112474
MOT30771	..111971	M1T50471	..111557	M1T73581	..113043	M1T86181	..112300
MOT45071ZT	..111994	M1T60081	..111108	M1T73881	..112844	M1T86481	..111451
MOT60081	..112368	M1T60181	..111473	M1T73881ZC	..112844	M1T86782ZC	..113642
MOT60081A	..112368	M1T60185	..111473	M1T74081	..111451	M1T86883ZC	..113642
MOT60082	..112368	M1T60281	..111485	M1T74087	..111451	M1T86884ZC	..113642
MOT60181	..113045	M1T60285	..111485	M1T74281	..111349	M1T90281	..111070
MOT60181A	..113045	M1T60285A	..111485	M1T74281ZC	..111349	M1T95281	..114614
MOT60186	..114626	M1T60286	..111485	M1T74283	..111349	M1T96581	..111374
MOT60186ZC	..114626	M1T60381	..111108	M1T74283ZC	..111349	M2T10171	..110142
MOT60187ZC	..114626	M1T60581	..111549	M1T74286ZC	..111349	M2T13081	..111994
MOT60781	..114329	M1T61181	..111549	M1T74287ZC	..111349	M2T13281	..111251
MOT65381	..114479	M1T64285	..113136	M1T74381	..111246	M2T13581	..111251
MOT65581	..114479	M1T66081	..112177	M1T74381A	..111246	M2T20181	..110142
MOT70281	..111303	M1T68081	..113136	M1T74481	..113043	M2T20181A	..110142
MOT70285	..111303	M1T68081ZC	..113136	M1T74482	..113043	M2T20181D	..110142
MOT70381	..111305	M1T68781ZC	..114329	M1T74491	..111333	M2T20182	..110277
MOT80081	..111970	M1T70381	..110295	M1T74581	..110394	M2T23081	..110278
MOT80082	..111070	M1T70381A	..110295	M1T74583	..110394	M2T23181	..110279
MOT80281	..113139	M1T70387	..110295	M1T74583ZC	..110394	M2T23685	..111728
MOT80281A	..113139	M1T70481	..110811	M1T75181	..111246	M2T24181	..113816
MOT80281AC	..113139	M1T70481ZC	..110811	M1T75181A	..111246	M2T25281	..113041
MOT80281B	..113139	M1T70482	..110811	M1T75381	..111246	M2T25282	..113041
MOT80281ZC	..113139	M1T70483	..110811	M1T75381A	..111246	M2T25481	..111728
MOT80285	..111312	M1T70483ZC	..110811	M1T75581	..111311	M2T25772	..110278
MOT80285A	..111312	M1T70485	..110811	M1T75581ZC	..111311	M2T27781	..110279
MOT80381	..111730	M1T70485A	..110811	M1T75681	..111451	M2T30381	..111310
MOT80581	..111971	M1T70881	..113135	M1T75981	..113615	M2T30481	..111475
MOT80783	..113046	M1T70881A	..113135	M1T76081	..113044	M2T30581	..111475
MOT80784	..113046	M1T70981	..111472	M1T76081ZC	..113044	M2T30585	..111475
MOT81181	..113638	M1T70981A	..111472	M1T76082	..113044	M2T30586	..111475
MOT81281	..111971	M1T70982	..111472	M1T76082ZC	..113044	M2T30881	..110310
MOT81283	..111971	M1T70982A	..111472	M1T76281	..111246	M2T32581	..113141
MOT81284	..111971	M1T71281	..110810	M1T76481	..112300	M2T33182	..111475
MOT81381	..113504	M1T71281A	..110810	M1T77181	..111552	M2T33183	..111475
MOT81681	..111552	M1T71281AC	..110810	M1T77281	..111312	M2T33781	..111310
MOT81981	..111849	M1T71281B	..110810	M1T77381	..110810	M2T33785	..111310
MOT82281	..113616	M1T71281ZC	..110810	M1T77381ZC	..110810	M2T37081	..110279
MOT83381	..113047	M1T71381	..111241	M1T77481	..111305	M2T37281	..111560
MOT83981	..111552	M1T71382	..111241	M1T77581	..113137	M2T40081	..110315
MOT84381	..110182	M1T71382ZC	..111241	M1T77777	..112845	M2T40377	..110383
MOT84381A	..110182	M1T71388	..111241	M1T77777ZC	..112845	M2T41081	..110315
MOT84585	..113644	M1T71481	..111562	M1T77781	..112845	M2T41171	..111303
MOT84781	..111310	M1T71481A	..111562	M1T77781ZC	..112845	M2T41381	..111310
MOT85081	..114625	M1T71781	..111246	M1T78181	..113138	M2T41581	..111475
MOT85681	..112300	M1T71811	..110807	M1T78381	..113234	M2T41586	..111475
MOT85681ZC	..112300	M1T71881	..110810	M1T78481	..113229	M2T41881	..111310
MOT85781	..110394	M1T71881A	..110810	M1T78581	..112846	M2T41885	..111310
MOT85881	..112300	M1T72085	..111459	M1T78581ZC	..112846	M2T42381	..111475
MOT85981	..111242	M1T72085A	..111459	M1T78881	..111608	M2T42881	..113644
MOT86081	..114460	M1T72086	..111459	M1T78981	..111242	M2T42981	..110142
MOT86181	..113927	M1T72086A	..111459	M1T79081	..111241	M2T43481	..113141
MOT87187	..114653	M1T72087	..111459	M1T79481	..112301	M2T43681	..113141
MOT87187ZC	..114653	M1T72087A	..111459	M1T79482	..112301	M2T43781	..113141
MOT87601	..113819	M1T72281	..111488	M1T79483	..114238	M2T43881	..113141
MOT87681	..113819	M1T72281A	..111488	M1T79581	..112300	M2T44081	..110158
MOT87881	..113897	M1T72285	..111488	M1T79681	..110572	M2T44681	..110158
MOT88381	..113927	M1T72481	..110394	M1T79781	..110572	M2T44781	..113038
MOT88681	..113897	M1T72481ZC	..110394	M1T80081	..114460	M2T46081	..111310
MOT90881	..114485	M1T72483	..110394	M1T80082	..114460	M2T46081ZE	..111310
MOT91081ZC	..111349	M1T72483ZC	..110394	M1T80381	..114460	M2T47281	..110315
MOT91082	..111349	M1T72581	..111241	M1T80481	..114460	M2T47381	..111849
MOT91082ZC	..111349	M1T72582	..111241	M1T80681	..114074	M2T47382	..111849
MOT91181	..113618	M1T72583	..111241	M1T84181	..114328	M2T48081	..110958
MOT91181ZC	..113618	M1T72583G	..111241	M1T84181ZC	..114328	M2T48381	..111251
MOT91182	..113618	M1T72781	..111488	M1T84281	..113646	M2T48681	..111303
MOT91182ZC	..113618	M1T72781A	..111488	M1T84381	..111349	M2T49181	..111475
MOT91581	..113927	M1T72781B	..111488	M1T84381ZC	..111349	M2T49189	..111475
MOT91981ZC	..113820	M1T72981	..111608	M1T84382ZC	..111349	M2T49282	..110279
MOT92581	..110182	M1T72981A	..111608	M1T84481	..111451	M2T49283	..111312

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
M2T49881	110158	M2T61771	113140	M3T10476	110182	M3T27881	111728
M2T50171	110280	M2T61871	111506	M3T10476D	110182	M3T29481	110277
M2T50181	110280	M2T61871A	111506	M3T10672	110144	M3T29482	110277
M2T50271	112178	M2T61871B	111506	M3T10977	113128	M3T29681	110421
M2T50281	112178	M2T62071A	111506	M3T11172	110283	M3T30281	110149
M2T50285	112178	M2T62271	111272	M3T11174	110283	M3T30282	110149
M2T50371	110933	M2T62771	111565	M3T11272	110155	M3T30285	110149
M2T50381	110933	M2T62971	110809	M3T12671	110157	M3T30286	110149
M2T50391	110933	M2T63171	111565	M3T12672	110157	M3T30581	110310
M2T50981	111557	M2T63371	111703	M3T13073	110277	M3T30581H	110310
M2T52071	110280	M2T64271	113194	M3T14572	110157	M3T30581J	110310
M2T52081	110280	M2T64272	113194	M3T14672	110157	M3T30583	110310
M2T52082	110280	M2T64371	113210	M3T14673	110157	M3T30881	110808
M2T52271	111634	M2T64372	113210	M3T15071	110157	M3T30981	111005
M2T52381	110311	M2T64373	113210	M3T15072	110157	M3T31471	110394
M2T52382	110311	M2T65271	111913	M3T15073	110157	M3T32281	110149
M2T53058	110311	M2T65272	111913	M3T15074	110157	M3T32282	110149
M2T53081	110311	M2T65275	111913	M3T15075	110157	M3T32581	110158
M2T53082	110311	M2T66074	110578	M3T15077	110157	M3T32582	110158
M2T53083	110311	M2T66871	110576	M3T15271	110277	M3T32583	110158
M2T53085	110311	M2T66872	110576	M3T15772	110157	M3T32584	110158
M2T53086	110311	M2T66873	110576	M3T15791	110292	M3T32585	110479
M2T53281	110311	M2T66881	110576	M3T15872	110157	M3T32588	110158
M2T53282	110311	M2T66882	110576	M3T15971	110292	M3T32589	110315
M2T53681	112185	M2T67871	110576	M3T19371	110774	M3T32591	110158
M2T54083	111300	M2T67872	110576	M3T19771	110837	M3T32592	110158
M2T54085	111300	M2T67873	110576	M3T19871	110837	M3T32593	110158
M2T54086	110311	M2T67881	110576	M3T20681	110144	M3T32681	110292
M2T54091	111300	M2T67882	110576	M3T21281	110256	M3T32985	110585
M2T54271	114334	M2T67883	110576	M3T21281D	111452	M3T32986	110585
M2T54272	114334	M2T67884	110576	M3T21282	110256	M3T32988	110585
M2T54371	110578	M2T72781	111488	M3T21482	110277	M3T32989	110585
M2T54372	110578	M2T74171	111476	M3T21781	110256	M3T32991	113753
M2T54571	111273	M2T74371	111272	M3T21881	110256	M3T33081	110807
M2T54572	111273	M2T80081	113042	M3T21882	110256	M3T33181	110421
M2T54671	111275	M2T80582	112053	M3T21882D	111452	M3T33182	111475
M2T54771	111448	M2T80681	113042	M3T22581	110158	M3T33183	111475
M2T54871	110717	M2T84071	111912	M3T22582	110158	M3T33282	110808
M2T54881	110717	M2T84071ZT	111912	M3T22681	110292	M3T33283	110808
M2T54882	110717	M2T84171	113445	M3T23081	110277	M3T33481	110421
M2T56171	110809	M2T84171ZT	113445	M3T24481	110149	M3T33581	110149
M2T56181	110809	M2T84471	114613	M3T24482	110149	M3T33582	110149
M2T56182	110809	M2T84571	113445	M3T24482A	110149	M3T33582A	110149
M2T56185	110809	M2T84771	112053	M3T24482H	110808	M3T33583	110808
M2T56271	110947	M2T85271	114061	M3T24482HC	110808	M3T33585	111310
M2T56272	110947	M2T87071	111912	M3T24482J	110808	M3T33586	110149
M2T56471	111275	M2T87071ZT	111912	M3T24482K	110808	M3T33586A	110149
M2T56472	111275	M2T87072ZT	111912	M3T24483	110149	M3T33586D	110808
M2T56475	111275	M2T87171	113445	M3T24485	110149	M3T33587	110149
M2T56871	113140	M2T87171ZT	113445	M3T24486	110149	M3T33588	110149
M2T57271	110809	M2T87271	113702	M3T24486A	110149	M3T33781	111310
M2T57273	110809	M2T87271ZT	113702	M3T24486H	110808	M3T33781ZC	111310
M2T57671	114439	M2T87371	113445	M3T24487	110149	M3T33785	111310
M2T57671A	114439	M2T87471	113318	M3T24488	110149	M3T33871	111310
M2T57673	114439	M2T87671	112103	M3T24917	110292	M3T34781	110394
M2T57673A	114439	M2T87971	111912	M3T25181	110256	M3T34782	110394
M2T57673C	114439	M2T88071	113445	M3T25281	110277	M3T36081	113036
M2T57674	114439	M2T88271	111912	M3T25282	110277	M3T37081	110279
M2T57771	111476	M2T88372	114279	M3T25781	110158	M3T37782	110279
M2T57773	111476	M2T88372ZC	114279	M3T25782	110158	M3T37783	111312
M2T57871	113140	M2T88471	114283	M3T25783	110315	M3T38682	110256
M2T58381	110415	M2T88473	114283	M3T25785	110315	M3T38881	110808
M2T58581	113668	M2T88571	114144	M3T25881	110158	M3T38881A	110808
M2T58681	110572	M2T88572	114237	M3T25882	110158	M3T38881B	110808
M2T58881	113668	M2T88572ZC	114237	M3T25883	110315	M3T38881C	110808
M2T58971	112177	M2T88671	114059	M3T25885	110315	M3T38882	110808
M2T58981	111300	M2T90071	111070	M3T25981	110292	M3T38882A	110808
M2T60071	110578	M2T92071	110389	M3T26785	113817	M3T38882B	110808
M2T60072	110578	M2T92071A	110389	M3T27581	110277	M3T38882C	110808
M2T60073	110578	M2TS0571	113964	M3T27582	110277	M3T38883	110808
M2T60171	111461	M2TS0575	113964	M3T27681	110278	M3T38884	110808
M2T60172	111461	M313327D	111241	M3T27685	110278	M3T38885	110808
M2T60185	111565	M332022D	111971	M3T27686	110278	M3T38981	110394
M2T60271	111275	M356178D	113638	M3T27686D	110278	M3T39385	110149
M2T61071	111461	M3T10071	110283	M3T27686H	110278	M3T39481	110808
M2T61072	111461	M3T10271	110157	M3T27686N	110278	M3T39781	110837
M2T61171	111565	M3T10272	110157	M3T27688	110278	M3T39881	110837
M2T61272	111448	M3T10473	110182	M3T27781	110279	M3T39981	110394
M2T61371	111275	M3T10475	110182	M3T27781D	110279	M3T40081	110315

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
M3T40371	..110584	M4T55072	..112342	M9T80473	..113851	MD069166	..110809
M3T40471	..111182	M4T55076	..112342	M9T82171	..113827	MD069859	..110805
M3T41081	..110315	M4T55077	..112342	M9T82479	..114330	MD070310	..110805
M3T41083	..110315	M4T95071	..114343	M9T82671	..114310	MD070934	..110809
M3T41088	..110315	M4T95072	..114343	M9T82672	..114310	MD072582	..110811
M3T41181	..110256	M4T95076	..114343	M9T83671	..113851	MD072585	..110311
M3T41185	..111452	M4T95082	..114343	MCA02-0	..110142	MD072654	..111461
M3T41281	..110315	M4T95481	..111000	MCA02-2	..110142	MD073067	..110660
M3T41282	..110315	M5T22072	..113140	MD001155	..110157	MD081567	..110158
M3T41285	..110315	M5T22171	..111273	MD001333	..110158	MD081568	..110158
M3T41381	..110278	M5T23172	..111275	MD001550	..110157	MD084414	..110809
M3T41581	..110310	M5T23871	..113140	MD001552	..110157	MD086015	..110805
M3T41681	..110277	M5T27671	..111913	MD001555	..110158	MD086016	..110805
M3T41781	..110394	M6T10673	..113129	MD003518	..110140	MD086046	..110405
M3T41881	..111310	M7T03774	..110999	MD003550	..110157	MD086047	..110405
M3T41885	..111310	M7T03777	..110999	MD003551	..110157	MD087246	..110672
M3T42281	..110278	M8T50071	..112276	MD006187	..110140	MD091749	..110660
M3T42781	..110958	M8T50071A	..112276	MD006197	..110140	MD091794	..110660
M3T42781ZC	..110958	M8T50072	..112276	MD007100	..110140	MD095741	..110805
M3T42881	..110292	M8T50471	..114167	MD007509	..110140	MD095865	..111461
M3T43181	..111552	M8T55071	..114418	MD009052	..110140	MD096859	..110805
M3T43481	..110958	M8T55073	..114418	MD009053	..110140	MD099624	..110660
M3T43581	..110808	M8T60071	..113669	MD009054	..110140	MD099667	..110811
M3T44081	..113040	M8T60071A	..113669	MD009071	..110140	MD100431	..110315
M3T44081ZT	..113040	M8T60371	..114169	MD011553	..110411	MD102084	..110957
M3T44091ZT	..113040	M8T60372	..114169	MD012085	..110659	MD102085	..112531
M3T44181	..113040	M8T60373	..114169	MD013740	..110805	MD102088	..110666
M3T44182	..113040	M8T61671	..112822	MD013742	..110672	MD102864	..110687
M3T44281	..111310	M8T62471	..114323	MD015040	..110140	MD102865	..110687
M3T44481	..113325	M8T70071	..111300	MD015041	..110140	MD103372	..111240
M3T47281	..110158	M8T70371	..111272	MD016920	..110479	MD103373	..110806
M3T48181	..112215	M8T70471	..110947	MD016921	..110315	MD103564	..110806
M3T48382	..111182	M8T70471A	..110947	MD017645	..111042	MD105342	..110660
M3T49281	..111182	M8T70971	..113551	MD017649	..111456	MD106319	..110806
M3T49282	..111182	M8T71371	..113319	MD018230	..110405	MD106320	..110806
M3T49381	..110808	M8T71371ZE	..113319	MD021665	..110157	MD106332	..111240
M3T49481	..110808	M8T71471	..113323	MD021666	..110291	MD106712	..111372
M3T49581	..110808	M8T71471ZE	..113323	MD021670	..110157	MD107615	..110315
M3T49585	..110149	M8T71571	..111272	MD021674	..110315	MD108230	..111469
M3T49781	..110808	M8T75071	..112370	MD021678	..110158	MD108509	..113032
M3T49981	..110421	M8T75071A	..112370	MD021685	..110158	MD108809	..113032
M3T49982	..110421	M8T75073	..112370	MD021866	..110291	MD108872	..111372
M3T52071	..113194	M8T75073A	..112370	MD022515	..113028	MD110318	..113032
M3T54071	..111913	M8T75074	..112370	MD022572	..110318	MD111148	..112531
M3T54072	..111913	M8T75074ZT	..112370	MD022576	..110318	MD111149	..112531
M3T56070	..113129	M8T75171	..111272	MD022578	..110318	MD111151	..110660
M3T56071	..113129	M8T75371	..113319	MD022579	..110318	MD111231	..111469
M3T56072	..113129	M8T76071	..114232	MD023746	..110311	MD111232	..111372
M3T56073	..113129	M8T76071ZE	..114232	MD023758	..110311	MD111286	..110660
M3T56074	..113129	M8T76072	..114232	MD025215	..113028	MD111932	..111491
M3T56075	..113129	M8T76072ZE	..114232	MD025679	..110318	MD112208	..111372
M3T56082	..113129	M8T80071	..113195	MD027380	..110311	MD112318	..111240
M3T56084	..113129	M8T80071A	..113195	MD027381	..110311	MD112322	..110803
M3T56174	..112323	M8T80071B	..113195	MD027382	..110311	MD112323	..110803
M3T56181	..112323	M8T80371	..114185	MD027400	..110315	MD112625	..111241
M3T56182	..112323	M8T80373	..114185	MD027401	..110315	MD114620	..110659
M3T56183	..112323	M8T80471	..114280	MD027585	..110311	MD115514	..110292
M3T61071	..110809	M8T80471A	..114280	MD027661	..110318	MD121581	..111565
M3T61171	..110947	M8T80472	..114280	MD034120	..110158	MD122338	..110956
M3T64172	..111275	M8T80472A	..114280	MD034121	..110158	MD122625	..111241
M3T66071	..110578	M8T85571	..114418	MD034130	..110140	MD124233	..110806
M3T66072	..110578	M9T60171	..113746	MD034131	..110140	MD124234	..111240
M3T66074	..110578	M9T60371	..113673	MD034132	..110140	MD125096	..110666
M3T70381	..113037	M9T60372	..113673	MD034212	..110157	MD126796	..110956
M3T70382	..113037	M9T60471	..113672	MD041700	..110318	MD127087	..111243
M3T80571	..110865	M9T60671	..113676	MD041701	..110318	MD130329	..110802
M3T90071	..112267	M9T60672	..113676	MD041706	..110405	MD132130	..111243
M3T90072	..112267	M9T61171	..113830	MD050190	..110805	MD133171	..110802
M3T95071	..112342	M9T61471	..114193	MD050205	..110809	MD133513	..110802
M3T95072	..112342	M9T61473	..114193	MD060793	..110805	MD135825	..112331
M3T95073	..112342	M9T61474	..114193	MD061150	..110318	MD136838	..110802
M3T95081	..112342	M9T61571	..113672	MD061151	..110318	MD136839	..110802
M3T95082	..112342	M9T61971	..114031	MD061154	..110809	MD136933	..111241
M4T14572	..110291	M9T62173	..113830	MD064066	..110318	MD139839	..110802
M4T14771	..110291	M9T64171	..113830	MD064067	..110318	MD140189	..111339
M4T14772	..110315	M9T70379	..113550	MD064068	..110318	MD140190	..111476
M4T14872	..110291	M9T80071	..114100	MD066761	..110315	MD140750	..110804
M4T50073	..113129	M9T80271	..112227	MD067411	..110805	MD141119	..111491
M4T50177	..113129	M9T80472	..113851	MD068565	..110805	MD141855	..110956

**STARTERS & ALTERNATORS**



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MD147245	111339	MD309472	111242	MD358421	112327	MEA01-2AR	110283
MD147246	112331	MD309843	111587	MD358607	112327	MEA03-0	110157
MD149750	110804	MD309844	111587	MD359972	113040	MEA03-1	110157
MD150657	111406	MD309845	111375	MD360368	111971	MEA03-2	110157
MD153843	110804	MD310997	113462	MD360635	112327	MEA03-4	110157
MD156986	110809	MD312857	111912	MD361621	111375	MEA06-1	110308
MD156987	111565	MD312858	111912	MD361624	111376	MEA07-0	110144
MD156989	111461	MD313076	113832	MD362207	111242	MEA07-1	110144
MD160671	111238	MD313327	111241	MD362910	113638	MEA07-11	110144
MD161437	110158	MD313392	113507	MD363633	113046	MEA10-07	113128
MD162389	110311	MD313395	111806	MD366050	111594	MEA10-7	113128
MD162836	110158	MD313939	111872	MD366051	112128	MEA13-1	110155
MD162837	110315	MD313940	112128	MD366052	112355	MEA13-2	110155
MD162838	110958	MD313942	112128	MD368519	112328	MEA24-1	110157
MD162839	110811	MD314167	113445	MD371144	114187	MEA95-0	110277
MD162840	111305	MD314235	112065	MD374904	112327	MEC01-0	110277
MD162842	111241	MD314375	114581	MD375853	114357	MEC01-1	110277
MD162843	111242	MD315547	113445	MD667539	110958	MEC01-2	110277
MD162964	112129	MD315548	113445	ME001565	113140	MEC04-2	110277
MD162975	110809	MD316001	110158	ME007578	111344	MED02-0	110157
MD164975	110809	MD316418	113310	ME012995	113195	MED02-1	110155
MD164976	111476	MD317119	112362	ME013008	113195	MED02-2	110155
MD164977	111461	MD317401	111375	ME014418	113195	MED03-1	110157
MD164978	111565	MD317514	112549	ME015237	114424	MED03-2	110157
MD166174	111469	MD317860	112328	ME015766	114418	MED03-3	110157
MD168989	111314	MD317862	112328	ME017001	113194	MED03-4	110157
MD169683	110802	MD318086	110572	ME017004	113194	MED04-2	110277
MD171228	110572	MD318458	113832	ME017034	110576	MES07-1	110144
MD172860	110811	MD318460	114432	ME017035	110576	MEY1R	110155
MD172861	111305	MD320354	112205	ME017036	110576	ME-Y1R	110155
MD172863	111241	MD320618	110572	ME017056	110576	MEY3R	110155
MD172864	111242	MD321445	113040	ME017061	110576	MM115513	110292
MD174482	111305	MD322925	114357	ME017085	110576	MM115514	110292
MD174483	110811	MD324754	111406	ME017089	110576	MM115517	110292
MD177596	111565	MD324755	111406	ME017509	111344	MM115518	113668
MD178511	113615	MD324756	113566	ME017550	111344	MM115519	113668
MD180238	110158	MD325696	112353	ME017560	111344	MM317600	112178
MD180239	110958	MD325699	114581	ME017561	111344	MM409410	110933
MD180241	111305	MD325700	113832	ME017562	112210	MM409411	110947
MD188242	111627	MD327513	113507	ME017614	113497	MM409413	110947
MD189054	110292	MD327514	112128	ME017615	113506	MM409414	110933
MD189658	111375	MD327535	113462	ME037150	113129	MM432804	111832
MD189659	111375	MD327550	113832	ME037330	113129	MM435081	111832
MD190819	111376	MD327551	113832	ME037465	113129	MM435752	111832
MD191402	111375	MD328235	113638	ME037636	113129	MM438844	111832
MD191433	110809	MD329260	112295	ME057200	112342	MN137866	112205
MD191435	110809	MD330332	114573	ME057350	112342	MN137867	111594
MD191437	111565	MD330800	113832	ME057845	112342	MN183450	113782
MD192133	112081	MD331137	113445	ME057985	112342	MQJ1R	110144
MD192134	111587	MD332022	111971	ME057990	112342	MQJ2R	110144
MD192135	111952	MD332546	112065	ME067611	113129	MQJR	110144
MD192136	111587	MD332547	112331	ME070120	113196	MR994325	111971
MD192228	110958	MD334176	112205	ME077048	113129	MW30620657	112474
MD193323	111375	MD334546	112065	ME077407	113129	MW30638577	112471
MD194470	111627	MD335227	112205	ME077790	114425	MWV3R	110142
MD194482	113034	MD335584	113325	ME077796	113669	MWV4R	110142
MD197468	112354	MD336781	112348	ME108080	114280	MXYR	110155
MD197470	111406	MD339608	114367	ME108364	114280	PW501783	110158
MD197475	110660	MD339609	112129	ME110JA	110149		
MD198164	111376	MD340419	112355	ME152487	113746		
MD200695	111626	MD343416	112327	ME200695	111626	<b>MONARK</b>	
MD257744	112418	MD343562	112328	ME200696	111956	337004	110525
MD301348	113040	MD344182	111912	ME200698	111956	523037	110524
MD301348G	113040	MD344183	113445	ME201650	112370	081165106	111694
MD301350	113038	MD344963	111587	ME201650A	112370	081251007	113468
MD301351	111971	MD344964	111952	ME201745	111626	81360038	110527
MD303481	112362	MD348221	111912	ME201837	111626	81366062	110981
MD304129	111872	MD350608	111806	ME201838	111956	81368001	111640
MD304139	110805	MD350609	112362	ME202755	111626	81368024	110524
MD306648	111872	MD351508	113046	ME202970	112370	81380038	110527
MD306649	111594	MD353869	113832	ME202971	111956	81382305	110536
MD306834	112128	MD354786	113034	ME203546	113321	81387004	110525
MD306997	113229	MD354797	111375	ME204424	112370	81387034	110525
MD306998	113234	MD354806	112528	ME204424A	112370	81388001	110523
MD308088	111508	MD354809	113310	ME204425	112370	81388010	110527
MD309333	110659	MD354816	113566	ME204425B	112370	81388020	110524
MD309334	112528	MD356104	111971	ME215097	114418	81388081	111640
MD309335	112528	MD356178	113638	ME220480	114418	81388309	110524
MD309471	111241	MD357744	112418	MEA01-0	110283	81388310	113468

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9AR2747P	112112	9AR2960F	110968	110-124	110173	110-50	110422
9AR2753P	110990	9AR2963	113574	110-128	110173	110-504	110408
9AR2754P	110990	9AR2968	110105	110-140	110371	110-505	110408
9AR2756F	110360	9AR2968K	110105	110-155	110408	110-515	110408
9AR2757K	110992	9AR2973	111074	110-158	110175	110-517	110959
9AR2759K	110358	9AR2973G	111074	110-159	110164	110-534	111761
9AR2759K01	110358	9AR2973L	111074	110-161	110408	110-54	110408
9AR2763F	110913	9AR2974	111074	110-166	110422	110-542	110177
9AR2764L	110913	9AR2977L	110919	110-177	110408	110-543	110177
9AR2765	110358	9AR2978	111289	110-181	110937	110-555	113739
9AR2775	110127	9AR2982	110916	110-183	110175	110-555JHO	114529
9AR2775F	110127	9AR2984	110877	110-184	110176	110-555P	113766
9AR2778K	110744	9AR2984L	110877	110-185	110408	110-555PHO	114647
9AR2779L	111652	9AR2995R	110916	110-189	110422	110-556	110408
9AR2780K	110911	9AR2998P	111156	110-190	110422	110-565	113898
9AR2784K	110358	9AR3649G	112110	110-222	113511	110-567	111761
9AR2785	110358	9AR3711	112110	110-225	110164	110-568	114348
9AR2786K	111948	9AR3711G01	112110	110-228	110937	110-569	110176
9AR2792	111653	9AR3713G	110052	110-229	110937	110-60	110422
9AR2792G	111653	9AR3739G	110052	110-241	110408	110-600	110488
9AR2795	110990	9AR3743G	112110	110-244	110445	110-602	111575
9AR2795T	110990	9AR3790G	112110	110-250	110937	110-603	111576
9AR2796	110990	9AR3806G	110163	110-252	111736	110-629	110408
9AR2803F	110969	9AR3855G	111510	110-254	110937	110-66	110422
9AR2815K	110897	9AR3868G	110043	110-255	110937	110-679	110371
9AR2826K	111948	9AR3921G	110112	110-258	110176	110-683	110371
9AR2830L	110913	9AR3927G	110113	110-258A	110176	110-699	110487
9AR2831P	112112	9AR3947G	112110	110-261	110408	110-720	110131
9AR2835	110360	9AR3952	112097	110-262	110408	110-750	110138
9AR2835G	110360	9AR3952G	112097	110-268	110937	110-775	114530
9AR2838L	111652	9AR3959G	111510	110-269	110408	110-775P	114430
9AR2839G	111653	9AR3961	110163	110-273	110408	110-803	114529
9AR2841	110968	9AR3971G	112110	110-276	110173	110-96	110422
9AR2843G	111289	9AR3987G	110116	110-285	113549	110-98	110422
9AR2845	110358	9AR5006G	111180	110-288	110408	8AL2019F	110408
9AR2846	110358	9AR5019	110179	110-289	110408	8AL2051F	110408
9AR2846K	110358	9AR5021G	111086	110-292	110959	8AL2065K	110138
9AR2851	111948	9AR5022	111289	110-293	110959	8AL2106FA	110408
9AR2851K	111948	9AR5028K	110358	110-294	110959	8AR2018L	110371
9AR2852	111948	9AR5028K02	110358	110-296	110173	8AR2022F	110408
9AR2852K	111948	9AR5030L	110919	110-297	110173	8AR2024F	110408
9AR2853	111948	9AR5037L	110877	110-298	110175	8AR2026F	110408
9AR2853K	111948	9AR5038L	110876	110-302	110175	8AR2033F	110408
9AR2854P	112112	9AR5039L	110876	110-303	110177	8AR2037F	110408
9AR2861K	111948	9AR5040K	111948	110-304	110177	8AR2041F	110408
9AR2862	111948	9AR5044K	111083	110-316	110175	8AR2060F	110408
9AR2862K	111948	9AR5044L	111083	110-324	110408	8AR2066F	110408
9AR2870P	111144	9AR5045L	110913	110-329	110408	8AR2066FA	110498
9AR2872P	111071	9AR5046G	110767	110-330	110408	8AR2069F	110408
9AR2874R	111071	9AR5048	110916	110-331	110408	8AR2073F	110408
9AR2877	110179	9AR5049K	110350	110-333	110408	8AR2073FS	110408
9AR2878	110969	9AR5055P	112162	110-335	110408	8AR2169F	110408
9AR2883	110360	9AR5060	110968	110-336	110408	8EA2018NA	110371
9AR2883G	110360	9AR5062K	111075	110-337	110408	8EA2026FA	110408
9AR2884L	110913	9AR5070K	111948	110-342	110408	8EA65N12	110371
9AR2887	110107	9AR5083G	110107	110-343	110408	8EB2001F	110408
9AR2888	110107	9AR5084L	111074	110-354	110959	8EK2003FA	110487
9AR2895	110759	9AR5086L	111074	110-355	110959	8EK2003FB	110487
9AR2895F	110759	9AR5088L	110919	110-379	110371	8EK2004DA	110487
9AR2896G	110360	9AR5092K	111289	110-380	110408	8EK2004DB	110487
9AR2897L	110913	9AR5099L	110919	110-383	110371	8EK2004DC	110487
9AR2903	110357	9AR5100G	110913	110-385	110371	8EK2005NA	110488
9AR2904	113376	9AR6000	111510	110-386	110959	8EK2005NB	110488
9AR2904K	113376	9AR6012	110117	110-389	110959	8EK2006FA	110487
9AR2913	110969	9AR6012G	110117	110-399	110487	8EK2006FB	110487
9AR2915F	110178	9AR6015K	110766	110-400	110488	8EK2007NA	110488
9AR2916F	110178	9AR6025K	110076	110-402	111575	8EK2007NB	110488
9AR2917G	111086	9BB2KA2A	111083	110-403	111576	8EK2007ND	110488
9AR2918	111185	9BE2KA2A	110913	110-406	110371	8EK2008FA	110487
9AR2919P	113574	9BE2NB2A	110913	110-415	110408	8EK2008FB	110487
9AR2933P	111171	9FB2KB2A	111652	110-431	114347	8EK2009FA	110487
9AR2936P	110754	9FE2NB2A	111652	110-440	110173	8EK2009FB	110487
9AR2944K	111948			110-446	110173	8EK2009FC	110487
9AR2945K	110744	<b>MOTOROLA USA</b>		110-450	114529	8EK2010NA	110488
9AR2948K	111072	10461101	111487	110-459	112294	8EK2010NB	110488
9AR2950P	110889	110-054	110408	110-470	110408	8EK2010NC	110488
9AR2951	111686	110-060	110422	110-487	110371	8EM2001FAS	110408
9AR2951L	111686	110-066	110422	110-492	110408	8EM2002F	110408
9AR2958	112112	110-112	110408	110-498	110408	8EM2002FA	110408

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MOTOROLA USA</b> <i>Continued</i>							
8EM2003K	110959	8SC3011U	110175	0-21000-4390	111393	0-23000-2060	111221
8EM2003KA	110959	8SC3014U	110176	0-21000-4470	110580	0-23000-2070	112668
8EM2004K	110959	8SC3015U	110175	0-21000-4471	110580	0-23000-2100	111254
8EM2004KBS	110959	8SC3019U	110175	0-21000-4850	110560	0-23000-2101	111254
8EM2007K	110959	8SC3029Z	110176	0-21000-4851	110560	0-23000-2102	111254
8EM2012	110371	8SC3068V	114347	0-21000-4934	111393	0-23000-2103	111254
8EM2012N	110371	8SC3068VC	114347	0-21000-4935	111393	0-23000-2140	112268
8EM2012NA	110371	8SC3110V	114348	0-21000-5230	110412	0-23000-2201	111254
8EM2012NAS	110371	8SC3110VC	114348	0-21000-5231	110412	0-23000-2230	112253
8EM2012NB	110371	8SC3157V	110176	0-23000-0030	113385	0-23000-2234	112253
8EM2013N	110371	8SC3238VC	114349	0-23000-0031	113385	0-23000-2260	113452
8EM2013NA	110371	8SC4006U	110408	0-23000-0032	113385	0-23000-2340	112649
8EM2017K	110959	8TA2003D	110422	0-23000-0040	111212	0-23000-2341	112649
8EM3002GA	113769	8TA2009E	110422	0-23000-0041	111212	0-23000-2342	112649
8EM3002GB	113769	8TA2009EE	110422	0-23000-0042	111212	0-23000-2350	111982
8EM3002GC	113769	8TA2010E	110422	0-23000-0050	111212	0-23000-2358	111982
8HA2003F	110164	8TA2010ES	110422	0-23000-0051	111212	0-23000-2380	112253
8HA2003FS	110164	8TA2011	110422	0-23000-0052	111212	0-23000-2400	114636
8HA2006F	110164	8TA2021E	110422	0-23000-0053	111212	0-23000-2430	112267
8HA2008FA	110177	9AL2024L	110371	0-23000-0060	111212	0-23000-2434	112267
8HA2009K	110177	9BE2KA2A21	110913	0-23000-0061	111212	0-23000-2440	112253
8HA2009KA	110179	9FB2LD2A05	110975	0-23000-0062	111212	0-23000-2444	112253
8HC3017G	113511	9FE2KB2A12	110357	0-23000-0063	111212	0-23000-2450	112267
8HC3017GS	113511	9FE2NC2A	111652	0-23000-0130	110568	0-23000-2460	112267
8HC3022F	113549	9FE2NF2A37	111652	0-23000-0150	110557	0-23000-2470	111760
8HC3022FS	113549	9JG2N02F45	111652	0-23000-0240	113385	0-23000-2480	112253
8HC3025F	113549	A12N451	110408	0-23000-0241	113385	0-23000-2540	111254
8LHA2057V	114529	A12NTK451	110408	0-23000-0260	110568	0-23000-2541	111254
8LHA2057VA	114529	A12NTK452	110408	0-23000-0261	110568	0-23000-2561	110656
8LHA2057VGH	114529	MDA3920	112159	0-23000-0262	110568	0-23000-2570	111050
8LHA2070V	113739	RA12N451	110408	0-23000-0270	110557	0-23000-2571	111050
8LHA2070VA	113739	RA12N453	110408	0-23000-0271	110557	0-23000-2590	111982
8LHA2070VB	113739	TA12N325	110422	0-23000-0272	110557	0-23000-3000	110580
8LHA2070VE	114529	TA12N327	110422	0-23000-0278	110557	0-23000-3010	110580
8LHA2070VF	114529	TA12NJD325	110422	0-23000-0330	111212	0-23000-3016	110580
8LHA2275V	114530	TA12NJD400	110422	0-23000-0331	111212	0-23000-3150	110555
8LHA3025P	110173			0-23000-0332	111212	0-23000-3151	110555
8LHA3071P	110173	<b>MWM</b>		0-23000-0333	111212	0-23000-3152	110555
8LHA3073PS	110173	01180302	112747	0-23000-0727	110557	0-23000-3153	110555
8LHA3096U	112294	12270186	112098	0-23000-1030	110580	0-23000-3160	110556
8LHA3096UC	112294	12270612	111978	0-23000-1031	110580	0-23000-3162	110556
8LHC2004Z	110937	305710100004	110766	0-23000-1032	110580	0-23000-3163	110556
8LHC2010Z	110937	605710100109	110641	0-23000-1033	110580	0-23000-3170	110556
8LHP2170VE	114647	605710100112	110766	0-23000-1070	112649	0-23000-3172	110556
8LHP2170VF	114647	605710100130	111662	0-23000-1071	112649	0-23000-3180	110555
8LHP2276V	114430	605710100136	110641	0-23000-1073	112649	0-23000-3184	110555
8MA2010PA	110170	605710100146	110766	0-23000-1230	111050	0-23000-3185	110555
8MA2014P	110170	605720100016	110512	0-23000-1231	111050	0-23000-3186	110555
8MA2014PA	110170	605720100071	111332	0-23000-1260	111254	0-23000-3270	110555
8MA2015T	113548	605720100105	111332	0-23000-1270	111050	0-23000-3280	114164
8MA2015TA	113548	905720100079	113346	0-23000-1290	110656	0-23000-3285	110555
8MR2033T	111736			0-23000-1292	110656	0-23000-3286	114164
8MR2039K	110959	<b>NEW HOLLAND</b>		0-23000-1310	111254	0-23000-3290	113499
8MR2049KA	110959	8210242	112718	0-23000-1410	110656	0-23000-3291	113499
8MR2051F	110408	82003307	112718	0-23000-1550	110656	0-23000-3292	113499
8MR2051FA	110408	82010242	112718	0-23000-1571	112341	0-23000-3331	111020
8MR2051FAS	110408	82010243	113529	0-23000-1581	112341	0-23000-3332	111020
8MR2069T	111575	82014508	113529	0-23000-1588	112341	0-23000-3340	114396
8MR2070T	111576	82032859	114050	0-23000-1670	110580	0-23000-3341	114396
8MR2091KSS	110959	82980757	110813	0-23000-1700	111254	0-23000-3360	114396
8MR2129L	110371	84043545	110368	0-23000-1750	110656	0-23000-3661	110580
8MR2175F	110487	86992395	114224	0-23000-1752	110656	0-23000-6070	114442
8MR2185L	110488	87751000	113570	0-23000-1810	112267	0-23000-6071	114442
8MR2401U	111761	87774252	112773	0-23000-1818	112267	0-23000-6072	114442
8MR2401UA	111761	323019050	114021	0-23000-1830	111041	0-23000-6340	111019
8SA2017R	110937	500364130	114384	0-23000-1840	110602	0-23000-6341	111019
8SA2022R	110937			0-23000-1850	112268	0-23000-6342	111019
8SA3005P	110173	<b>NIKKO</b>		0-23000-1860	110590	0-23000-6343	111019
8SA3006P	110173	0-21000-3291	110580	0-23000-1870	111041	0-23000-6510	110556
8SA3008P	110173	0-21000-3433	111393	0-23000-1880	110604	0-23000-6513	110556
8SA3065P	110173	0-21000-3600	110580	0-23000-1890	110604	0-23000-6530	111020
8SC2007ZR	110937	0-21000-3650	110580	0-23000-1900	110590	0-23000-6531	111020
8SC2010Z	110937	0-21000-3660	110580	0-23000-1940	113435	0-23000-6532	111020
8SC2282VG	113898	0-21000-3661	110580	0-23000-1990	112653	0-23000-6533	111020
8SC3002U	110175	0-21000-3730	110412	0-23000-2000	111222	0-23000-6590	110556
8SC3003U	110175	0-21000-4132	110560	0-23000-2010	112268	0-23000-6690	110556
8SC3005V	110176	0-21000-4230	110412	0-23000-2020	112267	0-23000-6691	110556
8SC3009Z	110176	0-21000-4231	110412	0-23000-2031	111760	0-23000-6692	110556
8SC3009ZA	110176			0-23000-2040	111760	0-23000-6693	110556



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0-23000-7020	111020	23100-00Q1A	113248	23100-0M010	111704	23100-43G04	110700
0-23000-7021	111020	23100-00Q1C	113403	23100-0M012	111704	23100-43G05	111316
0-23000-7022	110555	23100-00Q1D	113403	23100-0M800	111726	23100-43G06	110700
0-23000-7160	114165	23100-00Q1J	113403	23100-0M810	111726	23100-43G07	111316
0-23000-7161	114165	23100-00Q2J	114354	23100-0M811	111726	23100-43G08	110700
0-23000-7162	114165	23100-00QA0	113403	23100-0M901	111294	23100-43G09	111316
0-23000-7270	114393	23100-00QA1	112457	23100-0Q02H	112457	23100-46512	110129
0-23000-7271	114393	23100-00QA5	114122	23100-0S300	113197	23100-47N70	111953
0-23000-7272	114393	23100-00QA9	112457	23100-0U060	111280	23100-47R10	111264
0-23000-7910	110556	23100-00QAB	113940	23100-0W000	113374	23100-47R11	111264
0-23000-8300	111020	23100-00QAC	112199	23100-0W001	113375	23100-4B400	111726
0-23000-8360	111019	23100-00QAJ	113245	23100-0W002	113375	23100-4M510	113317
0-24000-3120	114324	23100-00QAK	112471	23100-0W003	113375	23100-4M610	111726
0-24000-3122	114324	23100-00QAL	113248	23100-0W004	113374	23100-4M611	113439
0-24000-3123	114324	23100-00QAM	112471	23100-0W400	113425	23100-4M800	113419
0-24000-3150	114267	23100-00QAN	113837	23100-0W401	113425	23100-4S100	113427
0-24000-3151	114267	23100-00QAP	113245	23100-0Y710	111871	23100-50K10	112068
0-24000-3200	112253	23100-00QBA	113940	23100-10B10	110168	23100-50K15	112069
0-24000-3250	114324	23100-00QBB	113945	23100-10G03	110707	23100-50Y05	110631
0-24000-3251	114324	23100-00QBE	112471	23100-10S00	111280	23100-50Y06	110631
0-24000-3260	114483	23100-00QBF	113245	23100-11T10	110701	23100-50Y08	110631
0-24000-3261	114483	23100-00QOB	113248	23100-11T13	110701	23100-50Y09	110631
0-33000-2200	110800	23100-01400	113373	23100-11T15	114370	23100-50Y18	110631
0-33000-2280	110800	23100-01B00	110264	23100-126000	112968	23100-50Y19	110631
0-33000-2281	110800	23100-01B05	110264	23100-12C10	111433	23100-51S00	111433
0-33000-2290	110800	23100-01B10	110264	23100-12C11	111433	23100-51S10	111433
0-33000-2860	110562	23100-01B15	110264	23100-12C12	111433	23100-51S11	111433
0-33000-3070	110562	23100-01N03	110307	23100-12G01	111266	23100-53A00	110693
0-33000-3450	110800	23100-01N06	110307	23100-12G02	111266	23100-53A10	110693
0-33000-3500	110800	23100-01N16	110307	23100-14E00	111236	23100-53A11	110693
0-33000-3700	111051	23100-02E10	112968	23100-15P01	112208	23100-53F00	112975
0-33000-5280	110562	23100-02N12	110701	23100-15P11	112208	23100-54A01	111692
0-33000-5670	113212	23100-02N13	111316	23100-15P12	112208	23100-54A02	111692
0-33000-5840	110657	23100-02N14	112093	23100-15P13	112208	23100-54A03	111692
0-33000-5850	110657	23100-02N15	112093	23100-17B10	110691	23100-54B61	111280
0-33000-5860	110562	23100-02N16	110701	23100-17B11	110691	23100-54B62	111280
0-33000-5870	110562	23100-02N17	111316	23100-17C70	113411	23100-54G01	110700
0-33000-5880	110657	23100-02N18	112093	23100-17S15	110457	23100-56A10	110693
0-33000-6000	111051	23100-02N19	112093	23100-18A00	110457	23100-56A11	110693
0-33000-6510	110657	23100-02N20	110701	23100-18A01	110457	23100-56C00	111692
0-33000-6511	110562	23100-02N21	111316	23100-1B000	113369	23100-56C01	111692
0-33000-6540	112168	23100-02N22	112093	23100-1E800	113426	23100-56G00	111958
0-33000-6541	112168	23100-02N23	112093	23100-20W01	110307	23100-57J01	111294
0-33000-6542	112168	23100-03B00	110264	23100-21G10	110131	23100-57J02	111294
0-33000-6550	113386	23100-04M00	110307	23100-22J10	111747	23100-57J03	111294
0-33000-6551	113386	23100-04M10	110307	23100-26E90	112973	23100-57J04	111294
0-33000-6552	113386	23100-05B10	110168	23100-27G00	110168	23100-58S00	111433
0-33000-6580	110657	23100-05P00	112970	23100-27G10	110168	23100-58S11	111433
0-35000-0390	112160	23100-05P01	112970	23100-2F200	111633	23100-5C301	113309
0-35000-0391	112160	23100-05P03	112970	23100-2F201	111633	23100-5C310	113309
0-35000-0392	112160	23100-05P11	112970	23100-2F210	111633	23100-5M000	113372
0-35000-0460	112160	23100-05P12	112970	23100-2J010	111726	23100-5M310	113324
0-35000-0461	112160	23100-05P13	112970	23100-2J011	111726	23100-5V410	113439
0-35000-0471	112160	23100-06N00	112092	23100-2J600	112351	23100-5Y700	111381
0-35000-0480	112160	23100-06T10	110264	23100-2J601	112351	23100-64J00	111264
		23100-0B000	113368	23100-2Y005	111381	23100-64J02	111264
		23100-0C000	111955	23100-2Y006	111381	23100-64J03	111264
		23100-0C001	111955	23100-2Y900	111381	23100-64J04	111264
		23100-0C401	112659	23100-30P00	112971	23100-64J05	111264
		23100-0E400	111294	23100-30R00	112969	23100-64J10	111264
		23100-0E402	111294	23100-30R60	111264	23100-64J11	111264
		23100-0E700	110631	23100-31P10	111966	23100-64J12	111264
		23100-0E705	110631	23100-31U00	111381	23100-64J13	111264
		23100-0E706	110631	23100-31U01	111381	23100-64J15	111264
		23100-0E711	110631	23100-31U02	113161	23100-64J16	111264
		23100-0E712	110631	23100-32J01	112206	23100-69T02	112330
		23100-0E715	110631	23100-32J03	112206	23100-69T03	112330
		23100-0E716	110631	23100-34E00	111265	23100-69T04	112330
		23100-0E717	110631	23100-34E01	111265	23100-69T05	112330
		23100-0F000	112086	23100-35500	113197	23100-69T10	112394
		23100-0F610	113784	23100-35F10	111434	23100-69T15	112330
		23100-0L700	111381	23100-37M00	110307	23100-69T20	112394
		23100-0L701	111381	23100-3831R	113862	23100-6J111	113439
		23100-0M003	111704	23100-3M200	113371	23100-6J112	113439
		23100-0M005	111704	23100-3S500	113197	23100-6P000	112981
		23100-0M006	111704	23100-3W400	113420	23100-6P005	112981
		23100-0M007	111704	23100-40U00	113161	23100-70F00	113583
		23100-0M008	111704	23100-42L71	111433	23100-70F05	113583
		23100-0M009	111704	23100-42L72	111433	23100-70N00	111294

**NIPPONDENSO → DENSO**

**NISSAN**

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>NISSAN</b> <i>Continued</i>							
23100-70N01	111294	23100-D9709	111812	23100-P4503	110129	23100-W5803	110168
23100-71J00	111361	23100-D9710	111812	23100-P4512	110129	23100-W5805	110168
23100-71J10	111361	23100-D9711	112087	23100-Q4501	110168	23100-W5806	110168
23100-72J00	111268	23100-D9712	112087	23100-Q4511	110168	23100-W5807	110168
23100-72J10	111268	23100-D9713	112087	23100-Q4600	110307	23100-W5807L	110168
23100-77A00	110632	23100-EB310	114244	23100-Q4601	110307	23100-W5807R	110168
23100-77A10	110632	23100-FF110	112069	23100-Q4610	110307	23100-W5810	110168
23100-77P00	111266	23100-G3716	110457	23100-Q4611	110307	23100-W5811	110168
23100-7B000	113370	23100-G5503	111777	23100-Q9000	110968	23100-W5816	110168
23100-7C000	113786	23100-G5504	111777	23100-R2000	110307	23100-W5817	110307
23100-7C001	113786	23100-G5700	112092	23100-R9000	110256	23100-W7015	110168
23100-7F000	111980	23100-G5701	112092	23100-R9011	110168	23100-W7100	110168
23100-7F001	111980	23100-G5702	112092	23100-S6000	110129	23100-W7101	110168
23100-7F700	112351	23100-G5704	112092	23100-S6901	110129	23100-W7110	110168
23100-7F701	112351	23100-G9903	112329	23100-S6902	110129	23100-W7111	110168
23100-7T400	113383	23100-G9904	112207	23100-S6910	110129	23100-W7510	110307
23100-7T402	113383	23100-H0299	110129	23100-U0100	110128	23100-Y0102	110458
23100-7T403	113383	23100-H0300	110129	23100-U0101	110128	23300-00H00	110256
23100-80G08	112972	23100-H0310	110128	23100-U0102	110128	23300-00H10	111452
23100-80G09	112972	23100-H5810	110129	23100-U0103	110128	23300-00Q0B	112475
23100-80W00	112967	23100-H5811	110129	23100-U0104	110128	23300-00Q0D	114074
23100-84W00	112967	23100-H6200	110129	23100-U0110	110128	23300-00Q0F	113897
23100-85E00	111265	23100-H6201	110129	23100-U0111	110128	23300-00Q1H	113897
23100-86A00	111704	23100-H6202	110129	23100-U0112	110128	23300-00QA0	113897
23100-86R00	111704	23100-H6203	110129	23100-U0113	110128	23300-00QAC	112474
23100-88G00	111266	23100-H6204	110129	23100-U0114	110128	23300-00QAF	112475
23100-8E100	113788	23100-H6206	110129	23100-U0514	110129	23300-00QAL	111251
23100-90060	110128	23100-H6210	110129	23100-U5800	110129	23300-00QAM	111641
23100-90074	112477	23100-H6211	110129	23100-U5801	110129	23300-00QAV	112475
23100-91004	110128	23100-H6212	110129	23100-U5802	110129	23300-00QAW	113927
23100-91109	112270	23100-H6213	110129	23100-U5803	110129	23300-00QAY	114095
23100-92G01	110700	23100-H6214	110129	23100-U5810	110129	23300-00QAZ	113927
23100-96E00	111265	23100-H6215	110129	23100-U5812	110129	23300-01B00	111441
23100-96E01	111265	23100-H7200	110131	23100-U5813	110129	23300-01E00	110310
23100-9C600	111812	23100-H7201	110131	23100-U6500	110131	23300-01E10	110310
23100-9E000	113373	23100-H7202	110131	23100-U6501	110131	23300-01E11	110310
23100-9F510	111726	23100-H7203	110131	23100-U6502	110131	23300-01E12	110310
23100-9F511	113439	23100-H7204	110129	23100-U6503	110131	23300-01E13	110310
23100-9Y500	111381	23100-H7204	110131	23100-U6504	110131	23300-01N00	111566
23100-9Z000	113197	23100-H7205	110131	23100-U6506	110131	23300-03J00	111731
23100-A4600	110128	23100-H7206	110131	23100-U6510	110131	23300-06E00	110310
23100-A4601	110128	23100-H7211	110131	23100-U6511	110131	23300-06E10	110310
23100-A4602	110128	23100-H7212	110131	23100-U6513	110131	23300-06J01	113191
23100-A4611	110128	23100-H7700	110168	23100-U7500	110129	23300-07500	110280
23100-A4800	110128	23100-H7701	110168	23100-U7510	110129	23300-09600	110156
23100-A5500	110128	23100-H7702	110168	23100-U7511	110129	23300-09601	110156
23100-A5501	110128	23100-H7703	110168	23100-U9500	110168	23300-0B001	113614
23100-A5502	110128	23100-H7710	110168	23100-U9501	110168	23300-0B711	113136
23100-AM610	112069	23100-H7711	110168	23100-U9502	110168	23300-0C010	111728
23100-AN000	113697	23100-M0400	110128	23100-U9503	110168	23300-0M200	111459
23100-AP000	113697	23100-M0401	110128	23100-U9510	110168	23300-0M210	111312
23100-AU000	113439	23100-M0402	110128	23100-U9511	110168	23300-0M301	111459
23100-AU400	113316	23100-M0403	110128	23100-U9512	110168	23300-0M302	111459
23100-AU40A	113316	23100-M0410	110128	23100-U9513	110168	23300-0M30A	111459
23100-AU40D	113316	23100-M0412	110128	23100-U9601	110307	23300-0W010	113045
23100-AU420	113316	23100-M0413	110128	23100-U9602	110307	23300-0W011	113045
23100-AU424	113316	23100-M0414	110128	23100-U9610	110307	23300-0Y000	111445
23100-AX62B	114293	23100-M5960	110168	23100-U9612	110307	23300-0Y001	111445
23100-B9800	110264	23100-M6600	110168	23100-V0101	110458	23300-0Y005	111445
23100-B9801	110264	23100-M6601	110168	23100-V0102	110458	23300-10605	110332
23100-B9802	110264	23100-M6610	110168	23100-V0106	110458	23300-10615	110332
23100-B9805	110264	23100-N3302	110129	23100-V0107	110458	23300-10G02	110719
23100-B9810	110264	23100-N9500	110168	23100-V2800	110307	23300-10T01	110574
23100-BN300	113440	23100-N9502	110168	23100-V2810	110307	23300-10T02	111805
23100-BN305	113440	23100-N9510	110168	23100-VB310	112359	23300-12G02	111762
23100-BN700	112457	23100-N9511	110168	23100-VB311	112359	23300-12G03	111762
23100-BU00A	113317	23100-N9512	110168	23100-VC100	113787	23300-12G05	111762
23100-BU010	113439	23100-P0100	110129	23100-VC10A	113787	23300-15800	110155
23100-BU015	113317	23100-P0101	110129	23100-VC10B	113787	23300-15805	110155
23100-BU500	113439	23100-P0102	110129	23100-W1608	110307	23300-15810	110155
23100-C8604	111614	23100-P0103	110129	23100-W1615	110307	23300-15815	110155
23100-CN100	111381	23100-P0110	110129	23100-W1701	110702	23300-16E01	112983
23100-D0800	110307	23100-P0111	110129	23100-W1702	110702	23300-16E02	112983
23100-D0810	110307	23100-P0112	110129	23100-W1710	110702	23300-16E03	112983
23100-D4400	110630	23100-P0113	110129	23100-W1805	110458	23300-16E04	112983
23100-D4405	110630	23100-P1811	110129	23100-W3400	110702	23300-18000	110142
23100-D4410	110630	23100-P3013	110307	23100-W5800	110168	23300-18005	110142
23100-D4415	110630	23100-P4500	110131	23100-W5801	110168	23300-18015	110142
23100-D9704	112087	23100-P4501	110131	23100-W5802	110168	23300-18016	110142

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23300-18V10	110278	23300-40513	110277	23300-74Y10	111312	23300-C0600	110617
23300-1E400	112844	23300-40700	110277	23300-78503	110144	23300-C6800	110467
23300-1E410	112844	23300-40710	110277	23300-78504	110144	23300-C6801	110467
23300-1F710	114199	23300-41B15	110279	23300-78505	110144	23300-C8601	111558
23300-1F715	111821	23300-41B70	113644	23300-79E10	111473	23300-C8703	110467
23300-1F770	114199	23300-41B71	113644	23300-7C625	114318	23300-C8704	110467
23300-1F771	114199	23300-45N50	110574	23300-7F400	110574	23300-D0100	110278
23300-1F772	114199	23300-45N51	110574	23300-80100	110144	23300-D0110	110278
23300-1F77A	114199	23300-47500	110280	23300-80200	110279	23300-D0111	110278
23300-1F77B	114199	23300-47501	110280	23300-80F00	111549	23300-D0200	110278
23300-1F77C	114199	23300-47502	110280	23300-80G00	110574	23300-D0210	110278
23300-1M211	113139	23300-47510	110280	23300-80G01	110574	23300-D0211	110278
23300-1M212	113139	23300-47511	110280	23300-80G10	111485	23300-D0212	110278
23300-1M215	111312	23300-47601	110156	23300-80W00	110277	23300-D0213	110278
23300-1M216	111312	23300-48301	110156	23300-81N00	111459	23300-D0214	110278
23300-1S710	112368	23300-4E100	112844	23300-81N01	111459	23300-D0511	111472
23300-1S711	112368	23300-4E210	111608	23300-81N10	111459	23300-D0512	111472
23300-1S715	113037	23300-4S100	114626	23300-81N11	111459	23300-D0513	111472
23300-1S716	113037	23300-4S102	114626	23300-81W00	110308	23300-D0514	111472
23300-1S770	112368	23300-50Y00	111459	23300-8310	111728	23300-D1700	110278
23300-1S771	112368	23300-50Y01	111459	23300-83W00	110719	23300-D9700	114318
23300-1S772	112368	23300-50Y02	111303	23300-84A07	111459	23300-D9701	114318
23300-1S900	112365	23300-50Y10	111459	23300-84A11	111312	23300-D9702	114318
23300-1W400	110574	23300-50Y11	111459	23300-84A17	111459	23300-DB000	114032
23300-20H12	110415	23300-50Y12	111303	23300-84A18	111459	23300-DB00A	114032
23300-20P00	111452	23300-50Y14	111303	23300-85E00	111023	23300-E3000	110277
23300-20P05	111452	23300-52F00	111549	23300-85E01	111023	23300-E3001	110277
23300-21000	110144	23300-52F01	111549	23300-86G10	111485	23300-E3010	110277
23300-21005	110144	23300-52F05	111549	23300-86G11	111485	23300-E3011	110277
23300-21006	110144	23300-52F10	111549	23300-86G12	111485	23300-E3100	110277
23300-21007	110144	23300-52H00	111586	23300-88G00	111763	23300-E3101	110277
23300-21008	110144	23300-53F11	111488	23300-88G01	111763	23300-EB300	114232
23300-21009	110144	23300-53J00	111473	23300-8H801	113323	23300-EB30A	114232
23300-21010	110144	23300-53J11	111608	23300-8H80A	113323	23300-EB30B	114232
23300-21015	110144	23300-53J12	111608	23300-8J000	114329	23300-F6610	113817
23300-21016	110144	23300-53Y00	111303	23300-8J001	114329	23300-FU410	114479
23300-21017	110144	23300-53Y01	111303	23300-8J120	114653	23300-G2403	111805
23300-21800	110386	23300-54A00	110575	23300-90060	110616	23300-G2404	111805
23300-25504	110616	23300-54A01	110575	23300-90067	112365	23300-G2405	111805
23300-2Y900	111382	23300-54A05	110575	23300-90069	112365	23300-G2406	111805
23300-30F10	111562	23300-54A06	110575	23300-94850	110279	23300-G8400	112985
23300-30F11	111562	23300-54C00	111473	23300-96504	114421	23300-G8401	112985
23300-30P14	111488	23300-54T00	112365	23300-97104	114422	23300-GS20A	114479
23300-30P15	113041	23300-57J00	111506	23300-97E00	113614	23300-H0100	110142
23300-30P16	113041	23300-57J05	111506	23300-97E01	113614	23300-H0101	110142
23300-30P17	113041	23300-57J11	111506	23300-99B00	110279	23300-H3900	110142
23300-30R01	111488	23300-57J13	111506	23300-99B10	113644	23300-H5000	110142
23300-30R02	111488	23300-60S10	111452	23300-99B15	111821	23300-H5001	110142
23300-30R12	111488	23300-62C10	111312	23300-99B16	111821	23300-H5002	110142
23300-30R13	111488	23300-63J00	111473	23300-9C600	114318	23300-H5003	110142
23300-30S30	113644	23300-63J01	111473	23300-9E010	114625	23300-H5004	110142
23300-30S60	113644	23300-63J02	111473	23300-9F600	113267	23300-H5010	110142
23300-31U00	111382	23300-63J10	111608	23300-9F660	113267	23300-H5011	110142
23300-31U01	111382	23300-63J11	111608	23300-9F661	113267	23300-H5012	110142
23300-31U02	111382	23300-65F05	111549	23300-9F662	113267	23300-H5013	110142
23300-31W00	110386	23300-65F10	111549	23300-9F66A	113267	23300-H5014	110142
23300-31W01	110386	23300-65Y00	111459	23300-9F66B	113267	23300-H5015	110142
23300-31W02	110386	23300-65Y01	111459	23300-A3200	110155	23300-H6900	110142
23300-31W03	110386	23300-65Y10	111303	23300-AU600	113323	23300-H6901	110142
23300-31W04	110386	23300-6K200	110574	23300-AU601	113323	23300-H6902	110142
23300-3400A9	114074	23300-6T000	110574	23300-AX000	114199	23300-H6903	110142
23300-37500	110386	23300-6T001	110574	23300-AX002	114199	23300-H6904	110142
23300-37502	110386	23300-6T00A	112365	23300-AX00A	114199	23300-H7301	110142
23300-37503	110386	23300-70J00	111303	23300-AX010	113644	23300-H7302	110142
23300-37504	110386	23300-70J01	111303	23300-AX01A	113644	23300-H9101	110280
23300-37505	110386	23300-70J02	111303	23300-B03G0	110279	23300-H9112	110280
23300-37506	110386	23300-70J03	111303	23300-B0700	110156	23300-JG70A	114074
23300-37507	110386	23300-70J10	111608	23300-B5000	110332	23300-K9160	111108
23300-37508	110386	23300-70J11	111608	23300-B5001	110332	23300-KA470	111560
23300-37J00	111731	23300-70J12	111608	23300-B5002	110332	23300-KA471	111560
23300-37J05	111731	23300-70Y00	111312	23300-B5010	110332	23300-L1110	110256
23300-3M000	111506	23300-70Y01	111312	23300-B5011	110332	23300-L1111	110256
23300-3M010	111506	23300-70Y10	111312	23300-BC400	113897	23300-L1800	110386
23300-3T700	110574	23300-72F10	111488	23300-BC40B	113897	23300-L2911	110256
23300-40500	110277	23300-73C00	111312	23300-BN301	113319	23300-L2912	110256
23300-40501	110277	23300-73C10	111312	23300-BN302	113319	23300-L6000	110616
23300-40510	110277	23300-73Y00	111303	23300-BN700	113927	23300-L6600	110616
23300-40511	110277	23300-73Y01	111303	23300-BN701	113927	23300-M8000	110279
23300-40512	110277	23300-74Y00	111312	23300-BN70A	113927	23300-M8001	110279

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>NISSAN Continued</b>							
23300-M8010	110279	23300-VB3C0	111445	381864	111043	984456	110216
23300-M8011	110279	23300-VK500	113964	382138	111863	985237	111864
23300-M8100	111441	23300-VK50A	113964	382220	111863	711D1130C	110645
23300-M8101	111441	23300-VM00A	113964	383691	110240	<b>ONAN</b>	
23300-M8110	111728	23300-W0400	110277	384163	110647	119-2211	112267
23300-M8111	111728	23300-W0401	110277	385401	111043	185-2166	110552
23300-M8200	110279	23300-W0402	110277	385529	110644	191-0543	110408
23300-M8201	110279	23300-W0403	110277	386430	113524	191-0665	110408
23300-M8202	110279	23300-W0410	110277	386465	110644	191-0933	112567
23300-M8210	110279	23300-W0411	110277	386591	111043	191-1052	113128
23300-M8211	110279	23300-W0412	110277	386597	111043	191-1529	113015
23300-M8212	110279	23300-W0413	110277	386657	110240	191-1567	113015
23300-M8300	111441	23300-W0415	110277	386671	110240	191-1630	112832
23300-M8301	111441	23300-W0417	110277	387094	110645	191-1667	112832
23300-N3300	110308	23300-W1800	110717	387277	111864	191-1682-03	113128
23300-N3301	110308	23300-W1810	110717	387684	110647	191-1682-04	113141
23300-N3302	110308	23300-W1811	110717	389275	110647	191-1798	113476
23300-N3303	110308	23300-W2803	111448	389380	110644	191-1804-04	113141
23300-N3304	110308	23300-W2804	111448	389954	110644	191-1808-03	113128
23300-N5900	110280	23300-W3410	111448	391264	111864	191-1808-04	113141
23300-N5901	110280	23300-W7001	110280	391511	112145	191-1808-06	113141
23300-N5902	110280	23300-W9810	111108	391554	110644	191-1925	110408
23300-N5903	110280	23300-WD000	113319	391735	110240	191-1926	110173
23300-N5910	110280	23300-WD001	113319	392133	111043	191-1949-03	113128
23300-N5911	110280	23300-Y0102	110308	393259	111864	191-1949-04	113141
23300-O4000	110256	23300-Y0500	110277	393570	112154	191-1949-06	113141
23300-OM301	111459	23300-Y0501	110277	393988	110644	191-1949-07	113141
23300-OM302	111459	23300-Y0510	110277	394176	111864	191-1949-08	113141
23300-P0613	110256	23300-Y0511	110277	395207	110645	191-2132	112832
23300-P0614	110256	23300-Y0512	110277	396235	112145	191-2158	112832
23300-P1114	110256	23300-Y0513	110277	396313	111864	191-2212	113429
23300-P5110	110155	23300-Y0700	110277	397023	112145	191-2312	113476
23300-P5111	110155	23300-Y0701	110277	432925	112157	191-2346	112267
23300-P5112	110256	23300-Y0702	110308	434795	111864	191-2347	113429
23300-P5113	110256	23300-Y0710	110277	438878	112157	<b>OPEL</b>	
23300-P5114	111452	23300-Y0711	110277	582047	111864	1200172	111123
23300-R2000	110280	23300-Y0712	110277	582155	110644	1202000	110847
23300-R2002	110280	23300-Y0713	110277	583473	112156	1202001	111055
23300-R2010	110280	23300-Y0714	110277	583482	110647	1202002	111055
23300-R9000	110256	23300-Y0715	110277	584613	113525	1202005	110847
23300-S0500	110144	23300-Y9700	114318	584799	112145	1202007	110364
23300-S0510	110144	23300-Z5000	110616	584818	113590	1202008	110341
23300-T5070	110256	23300-Z5005	110616	585050	110240	1202009	111136
23300-T9000	113210	23300-Z5504	110616	585051	110644	1202010	110847
23300-T9005	113210	23300-Z5505	110616	585056	110647	1202011	111127
23300-T9007	113210	23300-Z5507	110616	585057	110644	1202015	111274
23300-T9009	113210	23300-Z5508	110616	585058	110240	1202016	110839
23300-T9010	113210	23300-Z5509	110616	585059	112156	1202017	111559
23300-U0100	110144	23300-Z5514	110616	585059	112156	1202019	111055
23300-U0101	110144	23300-Z5515	110616	585060	112154	1202020	111055
23300-U0102	110144	23300-Z5517	110616	585061	111043	1202021	110341
23300-U0110	110144	23300-Z5520	110616	585062	110645	1202024	112459
23300-U0111	110144	23300-AA300	111451	585063	110647	1202026	111136
23300-U0112	110144	23300-AA40A	111552	585196	110644	1202027	111056
23300-U0113	110144	23300-AA41A	111454	585197	110240	1202028	111056
23300-U6000	110308	31A66-00101	110947	586257	112157	1202033	111534
23300-U6001	110308	31A66-00102	110947	586274	113525	1202034	110341
23300-U6002	110308	33100-51H00	113418	586276	113524	1202035	110341
23300-U6003	110308	34466-03200	111275	586277	113590	1202037	110364
23300-U6004	110308	34466-15202	111275	586278	111043	1202045	110839
23300-U6006	110308	34466-20102	111913	586279	110647	1202047	110364
23300-U6007	110308	34466-20201	111275	586280	110647	1202048	110844
23300-U7500	110280	34466-18200	112270	586281	110240	1202049	110341
23300-U7501	110280	34468-28200	112270	586283	110644	1202100	110341
23300-U7502	110280	34766-10903	112323	586285	112154	1202101	110341
23300-U7510	110280	34766-20900	112323	586286	112157	1202102	110364
23300-U7511	110280	52810-31000	113317	586287	112157	1202103	110364
23300-V0600	110386			586288	110645	1202109	111055
23300-V0603	110386	<b>OMC</b>		586289	112145	1202110	113276
23300-V0605	110386	277432	111043	586411	112145	1202113	111056
23300-V0606	110386	278024	111043	593019	111864	1202125	110847
23300-V0607	110386	278232	111043	594613	113525	1202126	111055
23300-V0711	110717	378674	111043	594818	113590	1202127	111123
23300-V4361	111010	379091	111043	921288	112232	1202128	111123
23300-V4362	111010	379818	111043	980820	112232	1202129	111055
23300-V7200	111445	380139	111043	981289	112233	1202130	110847
23300-V7260	111445	380238	111043	982058	112562	1202131	111127
23300-V8200	110279	380239	111043	982202	112233		
23300-VB300	111445	380361	111863	982706	112562		
				983019	111864		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1202134	110364	1204091	112056	1204618	114121	6204010	111514
1202136	111136	1204092	111170	1209002	111055	6204013	111186
1202137	111123	1204100	111166	1776346	111800	6204014	111788
1202139	112819	1204105	111169	3493771	112056	6204023	111997
1202140	111848	1204107	112056	3493814	111514	6204034	111514
1202141	113446	1204108	112229	3493815	111514	6204042	111515
1202142	111123	1204109	111166	3493823	111426	6204043	111831
1202143	110839	1204112	110925	3493824	111426	6204045	111767
1202145	111848	1204116	112801	3493848	112229	6204046	111515
1202147	111559	1204120	110925	4402600	112473	6204047	111831
1202148	113674	1204121	112229	4403540	112471	6204057	111291
1202152	111559	1204122	111178	4404174	112473	6204060	111788
1202154	112083	1204123	111990	4404221	112475	6204062	112558
1202156	110839	1204126	112689	4404331	113248	6204063	111732
1202157	111690	1204128	112775	4405286	113837	6204071	111824
1202159	111848	1204129	111891	4411316	112471	6204073	112416
1202161	111534	1204130	111166	4411318	113245	6204074	112720
1202162	112819	1204131	112056	4412045	113248	6204075	111824
1202163	111559	1204132	111187	4414332	112474	6204076	111990
1202166	112821	1204133	111467	4414402	112474	6204077	113879
1202168	113446	1204134	113879	4415001	114032	6204079	111514
1202169	112459	1204136	111824	4415443	112475	6204088	112689
1202172	111123	1204137	112077	4416485	114122	6204098	112416
1202173	111123	1204138	111467	4416774	114074	6204099	113352
1202174	111123	1204143	112801	4417538	114074	6204102	111824
1202179	112431	1204144	111186	4417846	113248	6204105	112415
1202184	111559	1204146	111732	4419037	114032	6204106	111515
1202591	112320	1204150	111656	4430569	113245	6204107	113264
1202950	110364	1204151	111656	4430591	112471	6204109	111426
1202951	110341	1204154	111656	4500044	111937	6204112	113352
1202953	111055	1204157	112272	4500045	112057	6204113	113352
1202954	111056	1204158	112271	4500256	112103	6204118	113352
1202956	110839	1204165	110925	4506175	112475	6204123	114431
1202957	110341	1204168	110925	4506176	113245	6204140	112271
1202958	110847	1204170	111767	4709920	114247	6204141	111514
1202959	111127	1204174	111656	4805518	111848	6204145	111732
1202962	111055	1204191	111656	4808607	114235	6204148	113264
1204002	110914	1204192	111656	4811552	114235	6204155	111990
1204003	110914	1204197	110972	6202000	112320	6204160	112558
1204004	111168	1204198	110972	6202001	111559	6204173	113352
1204005	111168	1204203	111166	6202007	112431	6204179	111824
1204006	111656	1204208	111170	6202008	111848	6204180	113720
1204007	113376	1204209	112056	6202009	113674	6204181	113722
1204008	110972	1204213	111170	6202013	113276	6204183	113941
1204009	110972	1204216	112056	6202014	113674	6204184	113352
1204010	110972	1204217	112805	6202015	114341	6204185	113264
1204011	110972	1204219	112775	6202016	113276	6204187	113955
1204012	110914	1204220	112775	6202017	113446	6204188	114204
1204013	111168	1204221	112801	6202020	113276	6204189	113904
1204014	111656	1204222	111168	6202037	114341	6204192	111990
1204018	110925	1204310	110925	6202043	112320	6204193	111824
1204020	110972	1204313	111656	6202048	111724	6204197	114121
1204021	110972	1204314	111656	6202055	114341	6204198	114121
1204033	112056	1204315	110914	6202060	113674	6204199	113956
1204035	111164	1204316	111168	6202061	113276	6204200	113956
1204036	111164	1204317	110972	6202064	113276	6204202	114076
1204037	111164	1204318	110972	6202066	111848	6204204	112416
1204039	112056	1204319	110972	6202071	113843	6204207	113352
1204040	112056	1204320	110972	6202072	113276	6204209	112416
1204041	111166	1204321	111168	6202073	114058	6204251	113941
1204042	111166	1204326	112056	6202074	113931	6204252	114121
1204043	111800	1204327	111800	6202075	111123	6204284	112271
1204044	111800	1204328	111166	6202077	113276	6204664	113720
1204054	112720	1204330	111164	6202079	113276	9000762	111786
1204056	111164	1204331	111166	6202083	113843	9000902	114341
1204058	111170	1204332	111178	6202087	112320	9110411	113481
1204059	111170	1204333	111800	6202088	113276	9111540	112471
1204062	111187	1204335	111168	6202103	112320	9112221	112475
1204064	112056	1204336	111656	6202105	114029	9112331	113248
1204067	112056	1204337	111656	6202125	114341	9112333	112475
1204069	111656	1204339	112056	6204000	111426	9115191	111123
1204070	111169	1204340	111800	6204002	111426	9115192	111123
1204072	111166	1204341	111166	6204003	112229	9115197	113276
1204081	111178	1204344	111166	6204004	112558	9117031	111123
1204084	111235	1204345	112056	6204005	112558	9117691	112431
1204086	111166	1204349	112056	6204006	111514	9117930	111824
1204087	111169	1204433	113955	6204007	111514	9117932	113879
1204088	111166	1204434	113904	6204008	112229	9117933	112077
1204090	112056	1204436	114204	6204009	111514	9119309	112720

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>OPEL</b> <i>Continued</i>							
9119793	111534	55556070	112416	90519331	113674	93189496	114121
9121119	113837	55556071	112416	90519332	110839	93190827	113352
9129823	111990	55556130	113276	90540209	112558	93190828	113352
9130838	111123	55556245	114341	90540586	110839	93190956	112475
9131264	113352	55564491	114029	90541527	112819	93190996	112475
9132653	112720	90094133	111055	90542409	111788	93191079	114029
9133599	111824	90140179	111056	90542412	113446	93191541	113248
9133600	111990	90244663	111170	90542532	112459	93191922	114088
9152247	113352	90244664	111170	90542967	112459	93194153	114247
9160344	111937	90247986	111170	90542980	112558	93196800	114032
9160345	112057	90247987	111170	90542981	111732	93198179	112471
9160556	112103	90277934	110847	90543234	111824	93260364	112689
9161247	112057	90289247	111891	90543871	111123	93603136	111891
9173570	112459	90295212	111164	90543872	111123	93604828	111123
9192364	112459	90297846	110847	90561167	113879	93857703	114074
9192815	111824	90297896	111164	90561169	112415	93858918	112474
9192823	111990	90337036	111170	90561967	111824	93859136	114074
9192826	112077	90337037	111170	90561970	111990	93859444	112475
9195753	112416	90337043	111656	90561971	112416	93863426	114074
9195822	112459	90337044	111166	90566073	112459	94332586	111274
9198664	112103	90337045	111168	90586916	112431	94382059	111267
9199321	113276	90337046	111800	90589566	112077	94386328	111136
9199574	113352	90337047	110972	90589721	111824	94387653	112083
9199575	113352	90337048	112056	91154217	111724	94405044	110697
9200956	111824	90337074	111166	91167270	112474	94413997	110679
9200959	112415	90338170	112801	91167474	112474	94433912	111559
9200960	112431	90338188	112801	91167635	112475	94448959	111683
9200961	111848	90341777	111123	92059984	111426	94449054	111291
9200962	113674	90348290	110847	93160665	112471	94452739	111291
9201039	113264	90348291	111055	93160666	113245	94454891	111136
9201489	112416	90348292	111123	93160829	113248	94471996	111187
9201491	111732	90348696	111169	93161425	112471	94483918	111136
9201825	112475	90348697	111166	93161427	113245	96627035	111848
9201826	113245	90348698	111166	93169014	112320	96673046	114235
9512861	113248	90349207	111168	93169024	113722	97034899	113076
10464476	113777	90349208	111800	93169026	113720	97041790	111186
10480384	111426	90349210	110972	93169028	113955	97042325	111467
12567585	114341	90349328	112056	93169029	113955	97043064	111467
12572716	111034	90349835	111166	93169030	113904	97074611	112228
12575626	114341	90349850	111170	93169031	113904	97112549	111559
13117236	113904	90349851	111170	93169032	114204	97113118	111186
13117278	113720	90349852	112056	93169033	114204	97113770	111267
13117279	113722	90349853	111166	93169257	113955	97117769	111274
13117340	113955	90356665	111732	93169258	114204	97117770	111136
13117341	114204	90356897	111732	93169259	113904	97121180	113076
13129850	113352	90365665	111732	93171526	113674	97133369	111534
13153236	113904	90371766	111848	93171936	113276	97133854	111767
13156051	111990	90378503	112801	93171945	113446	97134762	112228
13156052	111824	90379322	112801	93171950	113276	97134866	111767
13156055	114076	90389246	112689	93172075	113352	97136688	112083
13197577	113720	90389247	111891	93174028	112320	97146338	111559
13229987	113352	90413763	112558	93174469	114431	97147851	112228
13229992	114088	90421876	111123	93175799	112271	97150200	111515
13256930	113720	90442072	112775	93175803	111514	97150201	111831
13283343	113720	90443097	112801	93175996	113276	97150203	111534
13283344	113722	90443488	110839	93176034	113674	97150204	111690
13308508	114088	90443760	112229	93176035	113352	97187655	112228
24256224	113264	90443927	112801	93176051	113276	97189112	112272
24421812	112459	90443929	111732	93176061	111848	97189113	112271
24430294	113352	90443930	112229	93176396	113248	97189118	112320
24430295	113352	90443931	111732	93177835	111824	97204326	113563
24436553	113264	90444194	111514	93178138	113843	97210505	111559
24436877	113276	90444195	112558	93178167	113276	97223653	111559
24437119	111824	90449689	111848	93178173	112272	97241021	111515
24439410	111426	90451825	111848	93179580	114032	97326180	112271
24439411	111732	90465731	113446	93180098	113955	97355198	113941
24447429	114431	90487345	111848	93180102	114204	97363832	114121
24451624	112468	90487546	112459	93180104	113904	97363833	114121
24454172	113446	90488053	111800	93180415	111990	97369507	113956
24463063	111990	90508036	111123	93180416	111824	97369508	113956
24463064	113879	90508037	111848	93183432	114076	97386062	112320
55351608	113276	90511442	111788	93183436	112416	98014743	112320
55351630	113674	90511445	112689	93184052	113352	98056439	114121
55351638	111848	90511446	111891	93184064	112416	98056441	113956
55352882	114058	90511841	110839	93184533	113276	R1030041	110925
55353257	113843	90512189	111848	93184535	113276	R1030105	112057
55353857	113931	90512216	111997	93186246	113843	R1040015	111136
55358857	113931	90512467	113674	93188332	114122	R1040024	111136
55556065	113352	90518627	111848	93189495	113941	R1040032	111534

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
R1040037	113446	3586847	114387	2871A165	111289	555782	110769
R1530001	112229	7523002	110442	2871A166	111361	555799	111071
R1530024	112416	7523821	110442	2871A167	112698	555807	111066
R1530037	112271	37701400	110615	2871A168	113763	555826	111063
R1530041	111514	185046220	111048	2871A301	113763	555833	111109
R1530052	111426	185046320	113562	2871A302	113763	555836	111070
R1530089	113941	185046360	111355	2871A303	113763	555838	111070
R1530090	114121	185046500	113763	2871A305	113967	555848	110790
R1530098	113955	185046522	113763	2871A310	113967	555893	111066
R1530099	113904	185086291	111300	2871A411	110968	557024	111076
R1530100	114204	185086321	110552	2871A602	112112	557082	110769
R1540010	112320	185086410	111300	2871A651	111569	557291	112162
R1540011	113276	185086500	111300	2871C105	110891	558007	111066
R1540015	113446	185086510	111300	2871C202	113186	558033	111109
R1540025	113843	185086530	113696	2871D031	110770	558093	111066
R1540027	112320	185086540	110315	2871D032	110107	5702E2	113640
R1610391	112416	185086600	112534	2871D033	110107	5705E2	112782
		185086610	110552	2872D002	110442	570511	111075
		1447732MI	110615	2873303R	112091	570525	111076
		1871A154	110968	2873A001	110615	570563	110993
		1871A163	110968	2873A010	110443	570570	110993
		1873A010	110443	2873A012	110439	570582	111659
		1873A012	110439	2873A015	110442	570589	111841
		1873A013	110442	2873A016	110464	570590	112754
		1873A015	110442	2873A017	110439	570591	112162
		1873A052	110819	2873A029	111346	570593	112162
		1873A053	110615	2873A030	111737	570597	112162
		1873A054	111346	2873A031	111346	5802E2	111070
		1873A055	111346	2873A101	110565	580236	111070
		1873A056	110615	2873A102	110443	580253	110837
		23737R	111289	2873A103	110442	580285	111115
		23962R	111289	2873A104	110439	580292	111070
		23963R	110179	2873A105	110464	5426014	111100
		24123R	111948	2873A15	110442	5433495	111100
		26283R	110443	2873B052	110819	5446241	110743
		26294R	111737	2873B053	110460	5446248	110743
		26295R	110460	2873B055	111346	5473145	110743
		26358R	110460	2873B056	110615	5490308	111100
		26410R	110565	2873B057	110460	5490438	110743
		26414R	111346	2873B059	112277	5490668	110743
		27432R	110439	2873B061	110819	5491319	110743
		27533R	112136	2873B071	110615	5491448	111100
		2871A007	111569	2873B072	111346	5702E3	113640
		2871A101	111184	2873B073	111346	5802E3	111421
		2871A102	111185	2873D001	110565	5705E4	112793
		2871A103	110178	2873D003	110443	5802E4	111130
		2871A105	110178	2873D004	110819	75491667	110743
		2871A107	110178	2873D005	110439	75491721	110743
		2871A109	111289	2873D201	111793	75491723	111100
		2871A110	110969	2873D202	111793	75491911	111144
		2871A112	110969	2873D304	112037	75492505	111144
		2871A116	110178	2873K062	112091	75492566	111100
		2871A118	110178	2873K401	113132	75492583	110743
		2871A120	111185	2873K404	113654	90041021	111175
		2871A121	111184	2873K405	113655	91040098	111070
		2871A122	111289	2873K621	114387	91510299	110769
		2871A123	110969	2873K624	114388	91517980	111076
		2871A124	110968	2873K625	114388	91517981	111076
		2871A126	110969	2873K626	114388	91517982	111076
		2871A128	110968	2873K632	114387	91536242	110584
		2871A129	111184	2873K634	114388	95050627	110618
		2871A131	111185	3181A084	113763	95125288	111070
		2871A132	110178	3873K625	114388	95155198	110584
		2871A134	110178	OD166001	113334	95492810	110743
		2871A136	110178	TPN758	113763	95494135	111071
		2871A137	110179	TPN771	113763	95494137	111071
		2871A138	110968			95494138	111144
		2871A139	110612	<b>PETTER</b>		95494247	111100
		2871A141	110770	282250	110483	95495512	111075
		2871A142	111364			95495989	111071
		2871A145	112112	<b>PEUGEOT</b>		95508644	110587
		2871A147	110770	5802E0	111129	95514125	111070
		2871A148	110770	5702E1	113640	95580160	110743
		2871A149	112238	5705E1	110619	95580161	111100
		2871A154	110770	555711	111075	95580176	111144
		2871A156	113763	555724	111076	95580177	111659
		2871A160	111355	555756	111076	95580183	110860
		2871A161	111368	555763	110993	95598732	111659
		2871A163	110770			95598734	111144

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PEUGEOT</b> <i>Continued</i>							
95607229	110587	9559976380	110907	9631318380	113485	9648242180	113926
95607231	111076	9600282180	110587	9631318480	112688	9648644680	110584
95607232	1111075	9602174480	111841	9631318580	112298	9649611280	113946
95607233	111066	9603138880	111173	9631318680	112299	9649611480	113575
95607234	111070	9603139280	110907	9631324980	111723	9649611580	113575
95618728	110743	9603503580	111070	9631325080	111723	9649611680	113246
95619190	110916	9603552180	111076	9631919180	111941	9649611780	113872
95619191	111076	9603552680	112231	9632489280	111944	9649611880	113872
95619192	111075	9605062780	110618	9633292480	110584	9650358580	113640
95619195	110860	9605062980	110619	9633782580	113405	9650582080	113948
95619197	111115	9605219380	110584	9633782680	113575	9651927480	113872
95619682	111144	9607641280	112298	9634475880	111944	9654343080	113872
95624061	111841	9608719280	110584	9634476880	112782	9655249280	112298
95624960	110584	9609313280	110584	9634561480	113404	9655296080	113946
95624961	111841	9610205880	113443	9635342080	112460	9655858280	113946
95632024	111841	9610601580	112299	9635557780	113404	9656003780	112469
95632727	112754	9610601880	112772	9635772780	113603	9656262780	114460
95635804	111144	9610870880	111175	9635772880	112480	9656299480	114460
95653968	112162	9610870980	112231	9635772980	113503	9656955880	113250
95653974	111071	9611365980	112298	9636204480	113405	9656956080	113405
95656486	112762	9611366880	112298	9636204680	112469	9656956280	113872
95656487	111130	9611369580	112298	9636254180	112461	9656956380	113575
95656488	111129	9612257180	112298	9636545580	112467	9657363780	114044
95656490	111029	9612259680	112292	9637075380	113404	9658308780	110584
95667742	110619	9612259880	112230	9637398980	113575	9660055080	113872
95667744	112793	9612264280	112793	9637813680	113254	9662854080	113933
95667745	112793	9612264380	113438	9638275380	113575	9663528880	113933
95667746	112793	9612264680	112793	9638275580	113405	9664016980	113254
95667747	112292	9613015980	111130	9638275680	113575	9665067980	113872
95667748	114026	9613230280	111130	9638275780	112469	9665577480	113250
95667749	114026	9613496680	112292	9638275880	113405	9665577580	113405
95667750	112231	9615519880	111130	9638275980	113575	9665577780	113575
95667752	110584	9615735880	112231	9638276180	112648	9688268480	113254
95667753	110584	9615736080	111173	9638276280	113404	9751377680	110837
95667754	111130	9615736180	110907	9638543580	113250	5705E7	112299
95668060	110618	9616862980	112299	9638543680	113872	5705E8	112772
96009847	112762	9617002980	112231	9638543780	113246	5802E8	110584
96016744	112162	9617842880	111893	9638544180	113250	5802E9	111029
96017849	111029	9617842980	113485	9638544280	113872	5702A0	112461
96028857	110584	9617843180	112703	9638544580	113872	5702A1	112461
96035033	111130	9617849180	112688	9639362380	112460	5702A2	113250
96054384	111070	9617861280	111318	9640623580	113755	5702A3	113872
96113668	112298	9617861380	111318	9640628880	113755	5702A4	113246
96122596	112292	9618725080	110584	9640825280	113254	5702A6	113755
96170025	112231	9618946480	112703	9640878780	112461	5702A7	113755
96262614	110584	9618952880	112688	9641302580	112461	5702C0	113247
96288707	111029	9618961380	111318	9641398480	113405	5702C5	113755
96460654	113640	9618961480	113604	9641398680	113575	5702C6	113755
96460654	113755	9618961580	111318	9641727480	113404	5702C8	113250
96463218	113640	9618961680	113604	9642147380	113503	5702C9	113872
97517545	110837	9619310280	111130	9642879480	113250	5702F0	113872
97530824	110584	9619333080	112299	9642879680	113872	5702F3	113755
98490185	112681	9619333280	112299	9642879780	113246	5702F6	114044
98490186	111498	9619429380	112782	9642879980	113405	5702G9	113946
5705E5	113438	9619916180	112703	9642880080	113575	5702H0	113946
5802E5	113443	9620170280	112704	9642880180	112469	5702H4	113948
1475489080	112053	9620332580	112287	9642880280	112058	57051G	111941
5702E6	113872	9621191780	113485	9642880380	113603	57051J	111723
5705E6	112298	9621791480	112460	9642880480	112480	57051N	112467
7910004942	111066	9621791680	112058	9644103580	113640	57051P	112703
7910027938	111066	9623727180	112058	9644529680	113948	57051Q	112703
9150747780	110587	9623727280	113603	9644927080	113405	57051X	111723
9150747880	110587	9623727281	113603	9645100680	113933	57051Y	111723
9150803080	111109	9623727380	112480	9645907580	112461	57052A	112058
9150864480	110587	9623727780	113603	9645907680	112460	57052B	113603
9150864580	110587	9623727880	112480	9645907780	112460	57052C	112480
9150866480	110584	9623727980	113503	9645907880	112460	57052D	113503
9151082480	111109	9624141480	113485	9646049980	113755	57052E	110618
9151095080	111076	9624141580	112688	9646065480	113640	57052F	110619
9151412580	111070	9625382480	112053	9646068880	113755	57052H	110993
9151424580	111068	9625382680	114460	9646153680	112058	57052J	111841
9151431280	111070	9625382780	111070	9646321780	113640	57052K	111076
9151589980	111155	9626261480	111994	9646321880	113640	57052N	112230
9151798380	111076	9627727180	112058	9646476280	113755	57052N	112292
9151798480	111173	9628925380	110619	9646477580	113755	57052P	113485
9467560280	112460	9630080280	112703	9646679980	113254	57052Q	111318
9467560380	112461	9630204580	113575	9646972280	113926	57053B	112231
9555507680	113926	9631318180	111318	9647157980	113926	57054C	112681
9558385480	111115	9631318280	113604	9648111680	114460	57054E	111498

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
57054F	112460	5705CW	113872	5705L7	113485	5802M4	111070
57054H	113405	5705EA	113958	5705M6	112701	5802M5	112053
57054J	113575	5705EL	113404	5705M7	112701	5802M7	114460
57054K	112469	5705EN	113872	5705M8	112298	5802M9	111994
57054N	112648	5705ER	112461	5705M9	112298	5802N3	110584
57054P	113404	5705ES	113755	5705N0	112287	5802P8	110584
57054Q	113404	5705EV	113247	5705N1	112287	5802Q0	111129
57054R	112058	5705EW	113755	5705N2	111532	5802Q1	110584
57054T	112058	5705EX	113640	5705N3	111532	5802Q2	111130
57054U	113603	5705EY	113640	5705N4	112704	5802Q3	111029
57054V	113603	5705F2	112754	5705N6	112793	5802Q7	111994
57054W	112480	5705F3	112230	5705N7	112299	5802Q9	111994
57054X	112480	5705F3	112292	5705NA	113946	5802R3	111994
57054Y	113503	5705F4	112230	5705NE	113755	5802R4	110584
57054Z	113503	5705FA	113872	5705P7	112772	5802R5	111029
57055A	113405	5705FF	112467	5705R2	112162	5802R6	110587
57055B	113575	5705FK	111723	5705R5	113485	5802R8	111130
57055C	112469	5705FN	113485	5705R6	112688	5802S3	111070
57055E	111944	5705FP	111318	5705R7	112688	5802S3	114460
57055F	111941	5705FV	113603	5705S0	111568	5802S4	110837
57055G	111941	5705FW	112058	5705S1	112772	5802S8	112053
57055H	112460	5705FX	112480	5705S2	111318	5802V4	113451
57055J	112460	5705FY	113503	5705S3	111318	5802V5	114460
57055M	112648	5705G0	112782	5705S4	111318	5802V6	111070
57055N	112648	5705G4	111175	5705T6	113438	5802W4	114460
57055P	113404	5705G5	112231	5705W4	111318	5802W9	114460
57055Q	113404	5705GA	111941	5705W5	111318	5802X6	111641
57055R	113404	5705GC	112460	5705W7	111318	5802Y3	110584
57055T	113405	5705GF	112648	5705W9	113604	5802Y4	113254
57055U	113575	5705GG	113404	5705X0	113604	5802Y5	113254
57055V	112469	5705GH	113404	5705X2	112782	5802Y6	113254
57055X	112648	5705GJ	112648	5705X3	111532	5802Y9	112026
57055Y	113404	5705GK	113404	5705X7	111893	5802Z0	112436
57055Z	113404	5705GL	113404	5705X8	111893	5802Z1	112026
57056A	111944	5705GN	113405	5705X9	110619	5802Z3	112436
57056C	113250	5705GP	113575	5705Y0	112782	5802Z5	113926
57056D	113872	5705GQ	112469	5705Y1	112230	5802Z6	113926
57056E	113246	5705GR	112772	5705Y1	112292	5802Z7	113926
57056M	113404	5705GT	111944	5705Y2	112230	5802Z8	113933
57056P	113755	5705GV	111416	5705Y9	110916	5802Z9	113933
57056S	112648	5705GW	111568	5705Z0	111076	5802AA	113933
57056T	112648	5705GZ	113250	5705Z3	111841	AM532010AR	110743
57056U	113404	5705H5	112793	5705AA	112461	AM532-010AR	110743
57056V	113404	5705H6	113438	5802A0	110584		
57056W	113404	5705H7	112299	5802A8	111129		
57056X	113404	5705H8	112770	5802A9	111129		
57056Y	113405	5705HC	113755	5802AS	113959		
57056Z	113405	5705HH	112754	5802AZ	113254		
57057A	113575	5705HJ	112782	5802C2	110584		
57057C	113575	5705HK	112793	5802C9	110584		
57057E	112469	5705HL	113438	5802CC	110584		
57057F	112469	5705HN	112299	5802CG	110584		
57057G	113404	5705HQ	112230	5802CK	111029		
57057H	113404	5705HS	112701	5802CL	112053		
57057K	112772	5705HT	112298	5802CP	111070		
57057P	111944	5705HV	112287	5802CR	111994		
57058A	113250	5705HW	111532	5802CS	110587		
57058C	113872	5705HY	112688	5802CY	114460		
57058E	113246	5705HZ	112772	5802EF	113926		
57058G	113755	5705J0	112230	5802EG	113933		
5705A0	110907	5705J9	112701	5802EP	110584		
5705A2	112762	5705JA	111318	5802EQ	111070		
5705AC	113755	5705JC	113604	5802ER	111029		
5705AF	113247	5705JE	111893	5802ES	111130		
5705AJ	111944	5705JK	110618	5802ET	113443		
5705AL	113755	5705JN	111841	5802F3	111029		
5705AP	113250	5705JR	112230	5802F6	112053		
5705AQ	113872	5705JR	112292	5802FC	113959		
5705AR	113640	5705JS	110619	5802G2	111029		
5705AS	113640	5705K1	111659	5802G4	112053		
5705AT	113403	5705K7	112703	5802H4	113443		
5705AW	113872	5705KX	113405	5802H5	112053		
5705AZ	113575	5705KY	113575	5802H6	112053		
5705C3	111071	5705L1	112287	5802H8	111070		
5705C5	112762	5705L2	111532	5802J2	111129		
5705C6	111175	5705L3	112772	5802J3	113443		
5705CK	114044	5705L4	112704	5802L9	111029		
5705CO	112469	5705L5	111893	5802M0	111029		
5705CS	113946	5705L6	113485	5802M3	111070		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
101-235C	111130	103-146	110811	103-277BA	111349	104-122A	110142
102-200	110826	103-146A	110811	103-278	111312	104-122B	110142
102-201B	111106	103-146B	110811	103-280	111312	104-123	110142
102-203	110338	103-150	110810	103-282	113615	104-124	110156
102-204	110825	103-151	110295	103-284	112368	104-125	110249
102-210	111010	103-152	111451	103-286	110808	104-126	110277
102-211	111911	103-152A	111451	103-288	111306	104-128	110278
102-212	111104	103-156	111246	103-289	111307	104-129	110279
102-215	112309	103-156A	111246	103-291	111970	104-130	110277
102-308	110522	103-157	111005	103-295	111552	104-131	110308
102-308A	110522	103-158A	111472	103-296	113504	104-132	110279
102-309	110518	103-159	111475	103-298	113646	104-134	110477
102-310	110521	103-160	111586	103-299	111451	104-134A	110477
102-310A	110521	103-161	111241	103-306	111913	104-135	110477
102-311	110529	103-161A	111242	103-306A	111913	104-136	110145
102-311A	110529	103-162	110394	103-309	111273	104-137	110145
102-312	110529	103-163	110807	103-321	113638	104-137A	110145
102-313	110813	103-163A	110807	103-322	113521	104-138	110160
102-316	110529	103-165	111488	103-323	113020	104-139	110249
102-317	110529	103-165A	111488	103-326	111730	104-139A	110249
102-322	110529	103-167	111608	103-327	113616	104-140	111182
102-323	110530	103-167A	111608	103-330	112177	104-140A	111182
102-324	110521	103-167B	111608	103-331	111300	104-141	110485
102-325	110520	103-168	111459	103-336	111971	104-142	110552
102-327	111001	103-168A	111303	103-339	112276	104-143	111459
102-330	110813	103-172	111557	103-340	112267	104-143A	111459
103-083	110421	103-174	110810	103-341	110389	104-143D	111303
103-085	110572	103-176	111241	103-343	110578	104-143E	111303
103-088	110277	103-176A	111241	103-343A	110578	104-143F	111459
103-088A	110277	103-176B	111241	103-343B	110578	104-143G	111459
103-094	110144	103-176C	111241	103-344	110578	104-144	111488
103-094A	110144	103-176D	111242	103-344A	110578	104-147	111098
103-094B	110144	103-178	110958	103-345	111275	104-151	111473
103-096	110310	103-178A	110958	103-346	111461	104-152	111312
103-097	110310	103-180	111108	103-347	110809	104-157	111312
103-098	110277	103-180A	111108	103-352	111300	104-159	111836
103-100	110315	103-182	111485	103-352A	111300	104-160	110617
103-100A	110315	103-183	110808	103-352B	111703	104-165	112008
103-101	110394	103-183A	110808	103-354A	113129	104-166	113494
103-101A	110394	103-185	111310	103-359	110947	104-171	111840
103-102	110278	103-186	110182	103-370	110576	104-172	110160
103-102A	110278	103-188	111552	103-373	110576	104-174	112659
103-106	110279	103-190	112846	103-374	111272	104-175	110719
103-110	110157	103-192	110292	103-375	112323	104-176	111382
103-114	110158	103-194	112301	103-375A	112323	104-176A	111382
103-115	110291	103-195	110394	103-376	112342	104-176B	111382
103-116	110157	103-197	110810	103-377	112342	104-183	110485
103-116B	110157	103-201	112845	103-383	112342	104-184	110718
103-119	110311	103-201A	112845	103-384	111300	104-195	113661
103-119A	110311	103-203A	110158	103-386	113618	104-196	111274
103-120	110149	103-204	110958	103-388	112300	104-196A	111690
103-120A	110149	103-209	110572	103-389	113638	104-199	111136
103-120B	110149	103-212	110809	103-391	110809	104-199A	111534
103-121	110149	103-215	111312	103-395	113047	104-200	110280
103-133	110158	103-217	112844	103-423	113818	104-200A	110280
103-133A	110479	103-218	111311	103-428	113819	104-200C	110280
103-133B	110158	103-224	110933	103-5018	113642	104-200E	110280
103-134	110315	103-224A	110933	103-5018A	113820	104-206	110573
103-135	110149	103-225	110824	103-5019	113642	104-209	110719
103-135A	110808	103-227	111349	103-5026	113618	104-210	112983
103-135B	110808	103-227A	111349	103-5026A	113618	104-218	111441
103-135C	110808	103-227B	111349	103-5053	113795	104-218A	111441
103-135D	110808	103-227BA	111349	103-511	113669	104-219	112983
103-136	110149	103-233	110947	104-084	110145	104-223	110386
103-136A	110149	103-234	110415	104-085	110145	104-224	110386
103-136E	110808	103-235	113668	104-092	111766	104-225	110717
103-137	110158	103-242	110572	104-106	112674	104-226	111762
103-137A	110479	103-243	112178	104-110	112296	104-226A	111762
103-137B	110315	103-243A	112178	104-116	110308	104-227	110386
103-137C	110315	103-244	110280	104-117	110332	104-228	110355
103-137D	110315	103-245	113817	104-117A	110332	104-228A	110355
103-138	112215	103-249	111182	104-118	110277	104-232	110443
103-139	111310	103-250	111182	104-118A	110277	104-235	110412
103-140	110256	103-255	111305	104-119	110308	104-236	110719
103-140A	110155	103-255A	111305	104-120	110144	104-236A	111559
103-141	110256	103-261	110279	104-120A	110144	104-240	111023
103-142	111452	103-261A	110279	104-120D	110144	104-254	110723
103-144	110182	103-265	113816	104-121	110155	104-256	110723
103-145	110292	103-271	111311	104-122	110142	104-259	110310

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
104-263	110574	106-075	112827	108-261	111307	120-115	111010
104-265	110485	106-077	111701	108-262	110856	120-115A	111010
104-267	111276	106-079	110649	108-262B	110856	120-116	110858
104-269	110412	106-080	113476	108-263	111306	120-118	110864
104-272	110573	106-200	110635	108-264	111015	120-121	110364
104-272A	110573	106-202	110634	108-269	111123	120-121A	110364
104-273	111731	106-203	112832	108-270	111334	120-123	110341
104-274	110820	106-203A	112832	108-272	111129	120-123A	110341
104-274C	110820	106-204	110634	108-273	110587	120-124A	111693
104-276	112373	106-205	111804	108-278	113478	120-125	111061
104-276A	112373	106-206	112242	108-279	111029	120-125A	111061
104-277	110565	106-210	113539	108-282	111335	120-126	110772
104-281	111120	106-212	113539	108-287	112295	120-127	111052
104-284	113614	106-301	112312	108-289	111070	120-131	111052
104-286	113614	106-302	112312	108-292	111068	120-131A	111052
104-287	112844	106-302A	112312	108-292C	111068	120-132	110368
104-291A	112374	106-305	112313	108-294	111064	120-139	111059
104-292	113191	106-306	112564	108-302	113735	120-141	110997
104-294	110616	106-505	110647	108-304B	110793	120-142	110869
104-295	110439	106-505A	110647	108-324A	112295	120-142A	110869
104-297	110485	106-506	112156	108-324B	112295	120-142B	110997
104-299	112478	106-506 PIC	112156	108-334B	110585	120-142C	110869
104-300	112985	106-507	113590	108-336A	110835	120-143	110838
104-301	111763	106-509	112154	108-336B	110835	120-149	111855
104-304	112986	106-510	112157	108-364	111909	120-149A	111855
104-307	112216	106-511	112145	108-374	110587	120-151	112534
104-307A	112216	106-512	112826	108-375B	111100	120-152	112172
104-309	111010	106-515	110648	108-375C	111100	120-158	111069
104-314	111473	106-516	112825	108-377	111104	120-164	110868
104-322	111559	106-526	113017	108-377A	111104	120-164A	110868
104-331	110417	106-526A	113017	108-378	110439	120-167	110825
104-331A	110417	108-192A	113269	108-393	110363	120-169	111106
104-333	111706	108-195	111398	120-032	110840	120-171	110363
104-351	110723	108-198	110367	120-033	110836	120-171A	110363
104-352	111247	108-198C	110866	120-033A	110836	120-171B	110363
104-356	113675	108-201	110790	120-037	110838	120-177	110870
105-200	110640	108-201A	110793	120-041	111025	120-177A	110336
106-010	110510	108-203	110367	120-042	110869	120-177C	110870
106-011	111700	108-204	111066	120-044	111107	120-179	111053
106-012	110654	108-204A	111066	120-053	110337	120-180	110996
106-013	112567	108-205	110585	120-055	111055	120-181	112286
106-014	110647	108-205D	110585	120-056	110364	120-181A	112286
106-015	110647	108-208	110367	120-057	110771	120-182	110865
106-016	110510	108-209	110367	120-058	110771	120-182A	110865
106-017	111702	108-212	111063	120-059	110771	120-183	111059
106-019	110240	108-213	110856	120-062	110997	120-183A	111059
106-019A	110240	108-213A	110856	120-063	110774	120-186	110868
106-020	110949	108-213B	110856	120-064	110336	120-186A	110868
106-021	110241	108-213C	110856	120-064A	110336	120-187	111066
106-024	111701	108-213D	110856	120-064D	110336	120-187A	111066
106-025	110644	108-214	112295	120-065	110831	120-188	110771
106-025A	110644	108-216	111109	120-065A	110831	120-188A	110771
106-026	111043	108-217	111063	120-065B	110831	120-188B	110771
106-028	112247	108-218	110824	120-065C	110831	120-188C	110771
106-030	113015	108-219	110824	120-069	110337	120-188D	110771
106-032	110634	108-219A	110824	120-070	112034	120-190A	111748
106-034	111012	108-220	111124	120-076	111104	120-190B	111059
106-034A	111012	108-222	110790	120-081	110637	120-191	112131
106-035	110636	108-222A	110790	120-084	110341	120-193A	111751
106-036	113524	108-223	111066	120-087	110862	120-194	111054
106-037	110645	108-224	110587	120-096	111104	120-195	111112
106-038	110648	108-225	110835	120-106	111054	120-199	111120
106-039	110648	108-227	110866	120-106A	111054	120-200	111400
106-042	110241	108-227A	110866	120-106B	111054	120-200A	111400
106-044	112150	108-228	111114	120-106C	111209	120-202	111911
106-047	110650	108-230	110367	120-107	111054	120-205	111065
106-048	110650	108-230C	110774	120-107A	111054	120-206	110862
106-051	112830	108-230D	110774	120-107B	111054	120-207	111851
106-052	112244	108-234	110856	120-107C	111054	120-213	112166
106-055	112831	108-236	110439	120-109	110997	120-218	110587
106-056	113591	108-236A	110439	120-109B	110997	120-220	111120
106-057	112146	108-237	110565	120-110	110824	120-222A	112537
106-060	112568	108-237A	110565	120-110A	110824	120-230	112306
106-061	112568	108-246	111047	120-110B	110824	120-231	112439
106-062	112829	108-250	110354	120-110C	110824	120-232	111865
106-066	112157	108-252	110584	120-111	110997	120-234	110865
106-068	113592	108-259	111064	120-112	110368	120-236	111131
106-070	113594	108-259D	111064	120-112A	110368	120-238	111694
106-074	113525	108-260	111404	120-112E	110775	120-238A	111694

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
120-238B	111694	120-377	113282	120-553B	112074	120-6085A	110532
120-240A	112133	120-385	111900	120-556A	110530	120-6087	112119
120-259	111129	120-385A	112167	120-561	111791	120-6088	110205
120-260	110351	120-388	111848	120-561A	111791	120-6088A	110207
120-261A	110851	120-390	111769	120-561B	111791	120-6088B	110205
120-261B	110851	120-391	112005	120-562	112074	120-6089	111231
120-274	111751	120-392	111909	120-564	113726	120-6094	112499
120-284	111131	120-397	112429	120-565	110521	120-6098	110980
120-291A	111053	120-429C	111619	120-565A	110521	120-6114	113900
120-292A	112817	120-433	112453	120-565B	110521	120-6123	112249
120-301	111030	120-454	112295	120-566	111885	120-6126	111332
120-301A	111030	120-463A	111750	120-567	110517	120-6126A	111332
120-301B	111030	120-473	112340	120-568	111001	120-6126B	111332
120-301C	111030	120-476A	111029	120-568A	111001	120-6131	110536
120-302	110867	120-485	112431	120-568B	111001	120-6132A	112249
120-302A	110867	120-490	112542	120-570	110520	120-6153A	111070
120-302B	110867	120-497	111755	120-570A	110520	120-6276	114021
120-302C	110867	120-497A	111755	120-571	110518	120-800	110999
120-304	111749	120-498	111755	120-571A	110518	120-800A	110999
120-307	112309	120-500	111755	120-579	111003	120-803	110347
120-309	112308	120-500A	111755	120-581A	110537	120-803A	110347
120-310	110844	120-501	112249	120-581B	110537	120-811	110209
120-310A	110844	120-504	111752	120-581C	110537	120-821	110347
120-311	111490	120-504A	111752	120-581D	110537	120-831	111219
120-311A	111490	120-504B	111752	120-582	110205	120-831A	111219
120-311B	111490	120-504C	111752	120-582A	110533	120-833B	110538
120-312	111425	120-504G	111752	120-582B	110534	120-833C	110538
120-312A	111425	120-505	110530	120-589	110206	120-837	110539
120-312B	111425	120-5051	111115	120-589A	110210	120-840	112074
120-313	111456	120-5052	111423	120-589B	110210	130-114	110223
120-314	111055	120-5053	112454	120-589C	110210	130-115	110223
120-316	111270	120-505A	110530	120-590	112555	130-118	110222
120-318A	110341	120-5063	110212	120-591	110531	140-0101	110241
120-318B	110847	120-5063A	110212	120-591A	110531	140-0103	110241
120-319	110842	120-5067	111218	120-596	110439	140-0104	110241
120-319A	110842	120-5067A	111218	120-597	110813	140-0150	111277
120-320	111489	120-5067B	111218	120-597A	110813	140-0150A	111277
120-321	111456	120-5068	112116	120-599	111885	140-0151	112233
120-321A	111456	120-507	110536	120-599A	111885	140-0152	110216
120-323	112295	120-5070	110461	120-6002	110536	140-0152A	111786
120-327	111456	120-5070A	110461	120-6002A	110536	140-0152D	110216
120-330	112290	120-5072	111123	120-6002C	110529	140-0254	111277
120-330A	112290	120-5075	110367	120-6004	110818	140-0254A	111277
120-331A	111015	120-5078	110365	120-6005	110409	140-0256	112233
120-332	112321	120-5079	110367	120-6007	110212	140-0257	112233
120-332A	112321	120-509	111109	120-6007A	110212	140-0257A	112233
120-335	111396	120-5091	110519	120-6009A	111249	140-0258	112233
120-336	111396	120-5091A	110519	120-6009B	111249	140-0258A	112233
120-336A	111396	120-512	111638	120-6010	110550	140-0259	112232
120-337	113587	120-512A	111638	120-6010A	110208	140-0259A	112232
120-338	113613	120-512B	111638	120-6018	112670	140-0261	112233
120-338A	113613	120-513	110536	120-6030	112034	140-0262	112232
120-338B	113613	120-514	110525	120-6037	111793	140-092	110216
120-339	112553	120-516	110536	120-6039	113534	140-100	110216
120-342	111817	120-518	110525	120-6045	112071	140-101	110216
120-344	112125	120-518B	110525	120-6052	112132	140-102	110216
120-344A	112125	120-518C	110525	120-6052A	112132	140-105	110216
120-345	112816	120-523	111004	120-6058	110524	140-106	110216
120-345A	112816	120-524	110525	120-6058A	110524	140-110	110218
120-349	111851	120-526	110529	120-6058B	110524	140-177	111277
120-350A	111269	120-526A	110529	120-6059B	111636	140-178	111258
120-351	111851	120-527	112660	120-6059C	111636	140-183	110216
120-353	110847	120-527A	112660	120-6061A	110214	140-300	110216
120-354	110847	120-528	110522	120-6063	110443	140-301	110216
120-355	112819	120-529	111004	120-6067	110524	140-303	112897
120-358	112818	120-530	110536	120-6071A	110582	140-305	112897
120-359	112818	120-531	112660	120-6071B	110582	140-306	112897
120-359A	112818	120-535A	110529	120-6072	110582	140-310	110218
120-361	111911	120-536	110527	120-6075	110436	140-377	111258
120-362	111900	120-536B	110527	120-6078	110368	140-381	112897
120-362A	111900	120-536D	110527	120-6079	110535	140-381A	112233
120-364	111900	120-536E	110527	120-6079A	110535	140-500	110414
120-365	112455	120-539	112135	120-6080	110812	140-501	110414
120-365A	112459	120-539A	112135	120-6081	110209	140-502	112910
120-368	111347	120-539B	112135	120-6081A	110209	140-502A	112910
120-368A	111347	120-543	110522	120-6082	111640	140-520	110221
120-370	112013	120-548	110462	120-6083	110213	140-522	110221
120-371	112013	120-550	112041	120-6083A	110213	140-524	112911
120-373	112819	120-553	112074	120-6085	110532	140-530	110221

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
140-531	110221	140-741	110491	141-131	110799	142-121B	110436
140-532	110221	140-741A	110491	141-204	110569	142-121D	110436
140-532A	110221	140-744	110506	141-205	111224	142-121F	110436
140-536	110221	140-744A	110469	141-206	110569	142-121J	110436
140-537	111684	140-745	110469	141-209	111224	142-122	110436
140-537A	112898	140-745A	110469	141-211	111224	142-122B	110436
140-542	111034	140-761	111259	141-212	111007	142-124	110346
140-543	112912	140-761A	111259	141-213	111224	142-125	110436
140-556	111041	140-762	111259	141-254	111007	142-125H	110999
140-558	112909	140-771D	112897	141-257	111007	142-131	110436
140-560	111786	140-773	110469	141-267	112243	142-131B	110436
140-562	111034	140-774A	110469	141-267B	110436	142-132	110436
140-562A	111034	140-801	112341	141-269	112243	142-132B	110436
140-564	112913	140-802	110604	141-281	111224	142-133	110436
140-565	111127	140-802A	110604	141-308	112255	142-141	111000
140-565A	111127	140-812	112267	141-312	112255	142-141B	110999
140-568	110221	140-815A	112268	141-312A	112255	142-141J	111000
140-570	111786	140-822	111286	141-312D	112255	142-141K	111000
140-570A	111699	140-828	111041	141-313	112255	142-142	111000
140-571	111786	140-828D	111041	141-313A	112255	142-142B	111000
140-572	112898	140-828E	111041	141-313C	112255	142-144	112089
140-572A	112898	140-828G	111041	141-313D	112255	142-151	111000
140-576	112239	140-831	112267	141-313G	112255	142-151B	110999
140-577	111786	140-833	110953	141-317	111021	142-152	110999
140-578	112240	140-833A	110953	141-328	112255	142-152A	110999
140-579	111786	140-834	110604	141-330	112243	142-153	111000
140-580	112897	140-834A	110604	141-330B	112243	142-158	111000
140-580A	111699	140-834B	110604	141-330D	112243	142-159	111000
140-582	112898	140-834C	110604	141-330F	112243	142-161	110999
140-584	112904	140-834D	110604	141-331	112243	142-162	110999
140-584A	112904	140-836	110602	141-331A	112243	142-162B	110999
140-585	111699	140-839	112660	141-331C	112243	142-164	112243
140-586	111786	140-840	111221	141-348E	111007	142-167	112243
140-588	112906	140-840A	111221	141-350	111224	142-167A	112243
140-589	112902	140-840B	111221	141-350A	111224	142-167B	112243
140-590	112907	140-842	110472	141-350D	111224	142-171	110999
140-590A	112907	140-842A	110472	141-351	111224	142-171B	110999
140-590B	112907	140-846	112268	141-351A	111224	142-172	110999
140-591	112907	140-846A	112268	141-351B	111224	142-177	110999
140-592	112900	140-849	110590	141-351D	111224	142-180	112089
140-594	112908	140-853	110590	141-351E	111224	142-182	110347
140-596	112241	140-853A	110590	141-353	112169	142-186	110347
140-599	112847	140-853D	110590	141-353D	112256	142-187	110347
140-6005	112901	140-853E	110590	141-353F	112169	142-188	110347
140-6008	112906	140-853J	110590	141-353J	112256	142-188A	110347
140-6010	112902	140-854	112268	141-355	112256	142-190	112254
140-6010C	112902	140-854A	112268	141-355E	112256	142-192	110346
140-6017	112901	140-860	110590	141-392	112165	142-194	110347
140-6020	112902	140-860A	110590	141-400	111224	142-197	110347
140-6022	111786	140-881	111760	141-450	113682	142-206B	112089
140-6023	112905	140-884	112269	141-476	113827	142-211	112089
140-6023A	112905	140-891	111222	141-701D	113918	142-212	112089
140-6028	112898	140-891A	111222	141-703A	113550	142-212H	112089
140-6034	112906	140-902	112269	141-722	113915	142-213	112089
140-6039	112899	140-903	112652	141-725	113917	142-218	112089
140-6040	112898	140-906	111222	141-728D	113916	142-219	110436
140-6047	111123	140-907	112653	142-035	111000	142-221	110436
140-6048	111848	140-908	112268	142-037	112089	142-222	110436
140-6051	112546	140-915	111221	142-043	110999	142-222D	110436
140-6065	113811	140-917	111760	142-047	112089	142-225	110436
140-6068	113679	140-918	111760	142-075	112089	142-226	110436
140-700	112007	140-919	111760	142-095	112089	142-226D	110436
140-700A	112007	140-920	112267	142-101	112089	142-229	112258
140-702	110216	140-921	110602	142-101B	112089	142-229A	112258
140-714	111260	140-922	112341	142-101D	112089	142-241	110999
140-714D	111260	140-923	112341	142-101F	112089	142-241A	111000
140-720D	111049	140-924	110590	142-101I	112089	142-242	111000
140-724	111190	140-925	112268	142-102	112089	142-244	111000
140-724A	111190	140-926	111041	142-102B	112089	142-253	110347
140-728	110588	140-927	110604	142-102D	112089	142-257	110999
140-729	111190	140-932	112267	142-102F	112089	142-258	110999
140-730	110468	140-933	110590	142-106F	112089	142-261	112258
140-730A	110468	140-934	112253	142-107	110346	142-261F	110999
140-731	110468	140-935	112667	142-110	112089	142-262	110999
140-731A	110468	140-936	112668	142-111	112089	142-262F	110999
140-734	111190	140-938	113435	142-115	112089	142-268	110999
140-737	111190	140-9849	110347	142-115D	112089	142-279	110436
140-740	110506	140-9873	111000	142-116	112089	142-295	110436
140-740A	110506	140-9882	110218	142-121	110436	142-295D	110436

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
142-308	112258	160-138	110644	180-360B	110439	185-232	110556
142-309	112258	160-139	110649	180-361	110443	185-235	111212
142-309D	112258	160-141	110240	180-362	110818	185-253	110412
142-311	112258	160-141A	110240	180-363	111131	185-260	111254
142-311B	112258	160-162	111043	180-366	110438	185-260A	111254
142-311D	112258	160-163	110636	180-375	113670	186-108	112503
142-311F	112258	160-165	111043	180-383	110465	190-007	110396
142-313B	111000	160-168	110647	180-383A	110465	190-009	110253
142-317	110436	160-173	112105	180-385	110438	190-009A	110253
142-326	110436	160-203	111000	180-387	111574	190-011	110421
142-332	110436	160-321A	112130	180-389	110442	190-011A	110421
142-364	110436	160-321B	112130	180-389A	110442	190-018	110154
142-368	112089	160-3321B	112130	180-389D	110442	190-022	110152
142-368H	112089	160-337	112249	182-104	110536	190-022A	110152
142-371	111000	160-377	112249	182-105	110521	190-024	110152
142-372D	110999	160-524A	111043	182-106	110529	190-024A	110152
142-392	112254	160-535	110647	182-107	110439	190-025	110152
142-605	111000	160-540	110645	182-108	113454	190-032	110158
142-608	111000	160-541	110648	182-110	110585	190-091	110145
142-612A	112089	160-551	110649	182-118	110518	190-103	110249
142-612B	112089	160-552	110649	182-120	112555	190-104	110145
142-618	112089	160-556	112130	182-121	110565	190-104A	110145
142-625	112089	170-250	112667	182-124	112651	190-112	110323
142-627	110999	170-251	112253	182-134	110517	190-113	110421
142-679	112089	170-270	111221	182-136	110367	190-114	110154
142-693A	110436	180-110	111102	182-138	110530	190-114A	110154
142-769	111000	180-110A	111103	182-140	110813	190-114B	110152
142-781	111000	180-111	111102	182-144	112173	190-114D	110154
142-795	110999	180-112	110336	182-146	111001	190-115	110421
142-797	110999	180-112A	110336	182-148	110522	190-117	110421
150-0182	110225	180-118	110336	182-150	110368	190-117A	110421
150-025	113728	180-126	110831	182-154	110529	190-122	110323
150-034	110226	180-126A	110831	182-158	110524	190-131	110149
150-124	110227	180-131	110868	182-160	110529	190-139	111310
150-131	110226	180-133	110336	182-162	110525	190-139A	111310
150-132	110224	180-159	110440	182-166	111053	190-142	110245
150-142	110229	180-173	111865	182-170	110814	190-143	110709
150-148	110230	180-240	111755	182-176	110819	190-148	110397
150-149	110228	180-300D	110462	182-178	110530	190-149	110411
150-151	110230	180-300H	111499	182-184	110615	190-150	110411
150-153	110225	180-301	110462	182-186	112249	190-152	110411
150-168	110225	180-302	111573	182-188	110536	190-153	110411
150-175	112963	180-302A	111573	182-192	112041	190-159	110708
150-184	112963	180-303	110462	182-194	111755	190-164	110253
150-185	112965	180-305	110819	182-202	110813	190-165	110253
150-185A	112965	180-305B	110819	182-206	110462	190-189	113597
150-188	112016	180-306	111346	182-208	112074	190-191A	110713
150-191	112963	180-306A	111346	182-212	110818	190-193	110323
150-198	112966	180-307	112660	182-224	111332	190-199	110473
150-207	110509	180-307B	112660	182-234	112135	190-201	113725
150-209	110231	180-308	110460	182-236	110527	190-209	110934
150-312	111183	180-308C	111346	182-240	111755	190-212	110389
150-312A	111183	180-309	110565	182-245	111909	190-214	111785
150-314	111370	180-310	110565	182-246	112135	190-216	111387
150-316	112030	180-313	110615	182-248	112136	190-218	111387
150-316A	112030	180-313A	110615	182-256A	110537	190-220	111551
150-317	111844	180-313B	110615	182-260B	110523	190-221	110713
150-317A	111844	180-313C	110615	182-272	112119	190-224	110713
150-318	113225	180-315	110462	182-278	110206	190-225	110399
150-321A	112646	180-316	110460	182-298	112116	190-226	111551
150-321B	112646	180-319	110464	185-113	111393	190-226A	111783
150-329	111374	180-319A	110464	185-197	111050	190-226C	113110
150-329A	111374	180-335	110459	185-197A	111050	190-227	111546
150-329B	111374	180-335A	110459	185-199	112649	190-228	110399
150-330A	111374	180-335B	110459	185-201	111020	190-228A	110399
150-335	112235	180-349	110565	185-202	110556	190-229	111544
150-337	112340	180-349A	110565	185-204	110656	190-229B	111544
150-338	112608	180-349B	110565	185-207	110556	190-229C	111544
150-351	113703	180-349C	110565	185-208	110556	190-229D	111544
150-353	113813	180-349E	110565	185-209	110656	190-230	110396
150-355	112821	180-349F	110565	185-209A	110656	190-230A	110396
150-366	112821	180-352	110818	185-210	110560	190-230B	110396
151-351B	111224	180-352B	110818	185-210A	110560	190-231	111446
160-122	111835	180-353	110442	185-211	110580	190-233	111310
160-130	111043	180-358	110444	185-212	110568	190-234	110260
160-130A	111043	180-359	112136	185-216	111212	190-234B	113109
160-132	110644	180-359A	112136	185-216A	111212	190-234C	113108
160-135	110648	180-360	110439	185-219	111019	190-235	110411
160-137	111043	180-360A	110439	185-224	110557	190-235A	110411

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
190-235C	110411	190-422	110485	190-804	110961	202-145	113621
190-236	110290	190-425	111197	190-810	113428	203-102	111042
190-237	111456	190-429	111622	190-813	110507	203-107	110140
190-238	111386	190-432	110447	190-813E	112502	203-107A	110140
190-239	111556	190-437	111021	190-817	110581	203-109	110318
190-239A	111682	190-458	113620	190-818	110941	203-109A	110318
190-239B	111556	190-460	111131	190-820	110580	203-115	110134
190-239C	111556	190-468	113630	190-830	110942	203-116	110134
190-240	110713	190-470	113704	190-830A	110942	203-119	110136
190-241	111386	190-475	113810	190-832	110490	203-121	110811
190-243	110712	190-490	113681	190-834	112036	203-123	110405
190-245	111681	190-493	111915	190-835	111022	203-123A	110405
190-245A	111681	190-500	111683	190-840	113214	203-124	110128
190-246	112214	190-500A	110485	190-840A	113214	203-124A	110128
190-264	111551	190-501	110573	190-840B	113214	203-126	110383
190-265A	111679	190-501B	110573	190-846	111224	203-127	110383
190-267	110713	190-502	110485	190-850	111224	203-128	110134
190-268	112033	190-505	110485	190-854	111224	203-129A	110318
190-274	110295	190-506	110486	190-878	110999	203-134	111495
190-274A	110295	190-508	111087	190-878A	110999	203-150	110128
190-275	111451	190-515	110260	190-885	111000	203-152	110264
190-275A	111451	190-518	111189	190-895	110490	203-152B	112270
190-275B	111451	190-521	111028	190-899	110474	203-152R	112270
190-276	111451	190-524	110626	190-9011	111224	203-165	110129
190-282	111464	190-525	110437	190-9016	111638	203-166	112270
190-288	112213	190-528	110486	191-000	111923	203-167	113562
190-288A	112213	190-529	111920	191-009	113540	203-168	112069
190-289	110934	190-531	113596	191-010	111917	203-169	110168
190-296	110720	190-533	111928	191-011	112010	203-264	111237
190-301	110720	190-538	111765	191-012	112011	203-264A	111237
190-301B	110720	190-541	112546	191-013	112010	203-266	111832
190-301C	110720	190-544	113663	191-017	111917	203-272	110448
190-302	110938	190-545	111918	191-092	113541	203-275	111714
190-306	110720	190-548	110940	191-110	113527	203-283	110691
190-307	110940	190-548A	110940	191-111	111922	203-286A	110692
190-309	110245	190-556	110246	191-117	111924	203-291	113027
190-310	110720	190-560	111021	191-118	111927	203-294	110631
190-311	110720	190-560A	111021	191-119	111921	203-295	112068
190-312	110356	190-561	110485	191-120	111925	203-297	111375
190-313	110938	190-568	110962	191-121	111926	203-297A	111375
190-316	110447	190-569	110485	191-125	111442	203-300	111173
190-316A	110447	190-569A	110485	191-126	111442	203-300A	111173
190-316B	110447	190-574	113696	191-127	111543	203-301	110907
190-317	110940	190-575	110246	191-127A	111543	203-302	111309
190-318	110940	190-578	110940	191-128A	111458	203-302A	113657
190-327	113113	190-581	110485	191-129	110312	203-303	111309
190-330	113170	190-582	110485	191-129A	110312	203-303A	111309
190-336	113629	190-583	111021	191-135	111543	203-304	111405
190-351	111458	190-586	110356	191-138	113508	203-305	112031
190-354	111442	190-587	110246	191-143	110312	203-306	112031
190-354A	111442	190-593	111197	191-152	113398	203-308	113656
190-355	111458	190-6023	110447	191-154	110312	203-310	111434
190-358	110312	190-6031	113732	191-160	113398	203-314	111337
190-358A	110312	190-6032	110397	191-175	113648	203-319	111395
190-359	111456	190-6048	112544	191-179	113821	203-320A	110660
190-361	111456	190-6112	113828	191-181	113617	203-322	110660
190-362	111456	190-6128	112547	191-292	113538	203-326	111395
190-362A	111456	190-6131	113550	191-304	113538	203-328	111408
190-362B	111456	190-6135	113730	191-343	113545	203-328A	111408
190-363	111492	190-6140	113809	199-112	110452	203-328C	110406
190-363A	111492	190-6180	113681	199-114	110566	203-329	110692
190-364	111456	190-753	113892	199-116	110449	203-329A	110692
190-365	111764	190-757	111197	199-116A	111024	203-329B	110662
190-365A	113116	190-774	113132	199-119A	110454	203-330	111469
190-369A	113619	190-775	113725	200-308	113865	203-330A	111469
190-372	112582	190-776	110583	200-5005	112413	203-331	111376
190-374B	110720	190-787	110944	201-102	110754	203-334	110630
190-375	112582	190-788	110474	201-103	110754	203-334A	110630
190-382	111552	190-793	112489	202-100	111035	203-335	112208
190-382A	111552	190-796	110436	202-101	110912	203-335A	112970
190-384	111454	190-798	110961	202-102	111035	203-336	110693
190-385	111492	190-800	110627	202-103	110611	203-337	112297
190-386	113402	190-801A	113725	202-108	110612	203-340	110664
190-388	110356	190-801B	113725	202-110	112097	203-341	113507
190-393D	112367	190-801D	113725	202-112	111180	203-346C	110696
190-404	111784	190-801F	113725	202-116	110890	203-346D	110696
190-405	113665	190-801H	113725	202-117	112768	203-347	111578
190-405B	113649	190801J	113725	202-120	112025	203-347C	111285
190-407	111550	190-801J	113725	202-128A	111036	203-347D	111285

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
203-347E	111285	203-5016	112328	204-346	111266	208-185	111989
203-347F	111285	203-5020	111237	204-347	111611	208-186	112002
203-348	110927	203-5025	113027	204-348	112972	208-187	111078
203-348A	110927	203-5033	112327	204-349	112975	208-191A	110920
203-349	110659	203-5035	113652	204-350	112971	208-196A	112728
203-350	110957	203-5036	113782	204-352	111266	208-196B	111082
203-350A	110957	203-5037	112328	204-352A	111266	208-196C	111082
203-351	110692	203-5050	112362	204-353A	111264	208-197	113800
203-351B	110692	203-5081	113781	204-354	110631	208-204	113801
203-351D	110406	204-103	112112	204-354A	110631	208-204	113801
203-354	112100	204-103A	112112	204-354B	110631	208-380	113600
203-354A	112100	204-110	110128	204-354C	110631	208-385	111948
203-355	111342	204-112	110129	204-354E	110631	208-387	111940
203-355A	111342	204-115	110168	204-357	111958	208-388	111716
203-357	110666	204-116	110168	204-358	111264	208-391	111948
203-358	110689	204-116A	110383	204-361	112973	208-392	111940
203-359	110802	204-117	110264	204-365	112977	208-394	111226
203-359A	110802	204-118	110168	204-367	113583	208-396	112183
203-360	110802	204-119	110168	204-368	113583	208-399	111658
203-360A	110802	204-120	110307	204-369	111726	208-400	113477
203-361	112531	204-123	110168	204-373	112979	208-400A	113477
203-362	110659	204-124	110107	204-373A	112979	208-401	111397
203-363	110632	204-130	110458	204-382	112002	208-401A	111397
203-363A	110631	204-130A	110458	204-4011	113556	208-401B	111397
203-365	111279	204-134	112967	204-4016	113563	208-401D	110048
203-365A	111279	204-134A	112967	204-4020	113643	208-401E	111397
203-366	111279	204-135	110128	204-4022	113555	208-402	111397
203-366A	111279	204-142	112270	204-4030	111807	208-402	111397
203-366C	111279	204-142A	112270	204-4034	113372	208-403	111397
203-373	110664	204-142B	112270	205-204	112162	208-405	111355
203-373A	110664	204-142C	112270	205-5013	113792	208-406	111355
203-376A	111726	204-142D	112270	205-5013A	113792	208-409	111171
203-377	110692	204-152	110129	208-100	111144	208-417	112162
203-379	110663	204-153	110267	208-105	110754	208-420	112108
203-379A	110663	204-154	110703	208-106	110754	208-422	111085
203-379B	111807	204-155	110131	208-106A	110754	208-433	112688
203-379C	111807	204-157	112270	208-114B	110745	208-436	112679
203-379D	111807	204-162	111692	208-114F	110745	208-438	112695
203-380	110804	204-163	110134	208-114H	110745	208-445B	111075
203-380A	110804	204-164	110107	208-117	111156	208-450	110744
203-381	110956	204-168	110697	208-117A	111156	208-450C	110744
203-382	110956	204-170	110694	208-117A	111156	208-455A	111075
203-383	111406	204-194	110264	208-118A	110897	208-469B	110744
203-383A	111406	204-195	112270	208-118C	110897	208-469C	110744
203-383B	111406	204-200A	111291	208-120	110931	208-474	111163
203-384	110803	204-200B	111291	208-121	111327	208-474A	111072
203-384A	110803	204-208A	111291	208-122	111179	208-474B	111072
203-385	111535	204-212	113822	208-123	111179	208-474C	111072
203-385A	111535	204-213	112375	208-124	111144	208-478	111661
203-386	111535	204-232	112477	208-124A	111319	208-486	112756
203-388	111433	204-247	110696	208-129	112755	208-487	112751
203-390	111966	204-250	111267	208-131	110140	208-487	112751
203-392	111342	204-251	110700	208-132	111094	208-498	112792
203-397	110803	204-295	112671	208-133	110990	208-501	112681
203-401	111807	204-316	111381	208-134	111152	208-505	112782
203-402	111959	204-316A	111381	208-136	111658	208-512	112715
203-403	111384	204-318	112981	208-142	111226	208-557A	111153
203-404	112067	204-318A	112981	208-143	110896	208-558	112804
203-405	113553	204-319	111381	208-143B	112763	208-574	111478
203-406	113554	204-327	111515	208-144	111659	208-575	112399
203-408	113558	204-328	111186	208-145A	111288	208-576	112398
203-412	112377	204-331	112973	208-149	111152	208-581	112193
203-417	113634	204-331A	112973	208-151	111154	208-583	112462
203-420	111529	204-332	112973	208-151A	110902	208-587	111093
203-421	111315	204-332A	112973	208-153	112735	208-588	112529
203-438	111959	204-334A	111265	208-157	111095	208-589	111354
203-442	113462	204-334B	111265	208-158A	111288	208-589A	112529
203-443	111806	204-335	110693	208-159	110902	208-590	111477
203-444	111530	204-336	110630	208-159A	111154	208-590A	111477
203-444A	111530	204-336A	110630	208-160	112692	208-592	112094
203-444B	111530	204-338	112970	208-161	112735	208-594	112687
203-445	113360	204-340	110631	208-162	111352	208-594A	111776
203-446	111308	204-341	112974	208-163	111479	208-597	112529
203-446A	111308	204-341A	112974	208-164	111353	208-598	111946
203-451	111787	204-341B	112974	208-165	110880	208-599	112683
203-461	111317	204-342	111433	208-166	112287	208-613	110754
203-467	111406	204-344	112969	208-168	111513	208-689	111144
203-468	113566	204-344A	112969	208-169	110916	208-689A	111144
203-5014	112353	204-345	111264	208-173A	112739	208-700	110048
				208-174	110920	208-701	111397
				208-177	111720	208-701A	111397
						208-701C	111397

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
208-705	110745	210-343	110408	220-187	110077	220-305	112804
210-094	110408	210-351	110371	220-188	110641	220-306	112557
210-114	110408	210-357	112112	220-188A	111662	220-310	111076
210-116	110408	210-372	110937	220-189	112742	220-312	111352
210-124	110408	210-373	110175	220-191	110358	220-312A	111352
210-126	110164	210-375	111761	220-192	111085	220-315	111479
210-128	110177	210-385	110408	220-192A	112753	220-315A	111479
210-129	110177	210-396	110937	220-192B	112810	220-316	112802
210-130	110408	210-398	110937	220-195	112777	220-317	112802
210-130A	110408	210-400	110487	220-195A	112777	220-321	110803
210-135	110408	210-400A	110487	220-195B	112777	220-322	112345
210-147	110408	210-401	110488	220-197	111157	220-325	112809
210-147A	110408	210-407	110488	220-198	111149	220-327	112806
210-147B	110408	210-408	110487	220-202	111686	220-329	111478
210-147C	110408	210-408B	110487	220-203	112815	220-333	112692
210-147D	110408	210-408C	110487	220-203A	112746	220-335	112195
210-147E	110408	210-412	110487	220-204	111149	220-340	111298
210-147F	110408	210-415	110408	220-205	112774	220-341	111298
210-148	110408	210-417	110371	220-209	112740	220-343	111843
210-148A	110408	210-417A	110371	220-211	112812	220-344	113716
210-156	110170	210-509	110173	220-211A	112812	220-344A	111216
210-163	110408	211-120	110075	220-220	112804	220-345	111888
210-170	110422	220-009	110357	220-223	112777	220-345A	111888
210-172	110422	220-021	112046	220-224	111094	220-347	112159
210-174	110422	220-074	112784	220-224D	112735	220-349	110105
210-181	113511	220-085	111799	220-225	112797	220-350	111649
210-184	110177	220-095	110358	220-226	111288	220-351	111649
210-194	110408	220-098B	110726	220-226A	110902	220-352	112742
210-194A	110408	220-101	110887	220-226D	112763	220-353B	112098
210-211	110357	220-102	111153	220-227	111160	220-356	110801
210-211B	111652	220-103	110726	220-228	112750	220-357	111419
210-211C	111652	220-105A	112729	220-229	110913	220-365	110591
210-212	110975	220-107	110726	220-234	112760	220-366	110882
210-214A	110877	220-108	110913	220-238	111156	220-366A	110890
210-215	110913	220-111	110990	220-241	112693	220-367	112493
210-218	111652	220-113	110990	220-250	112692	220-368	111834
210-219	111652	220-113A	110990	220-251	110913	220-369	110766
210-220	110357	220-114	111035	220-254	112699	220-369A	110766
210-221	110975	220-115	110887	220-256	112687	220-375	112773
210-223B	110913	220-115A	110887	220-256A	112804	220-377	110882
210-227	111652	220-119	110877	220-257	112692	220-378	112170
210-229	111736	220-121	110876	220-259	112538	220-380	111141
210-232	110176	220-121A	110876	220-261	112693	220-385	110891
210-246	111948	220-122	111147	220-262	112806	220-387	112736
210-247	112112	220-122A	111147	220-265	112765	220-389	112747
210-248	112294	220-124	111813	220-270	111813	220-391	110890
210-249	110127	220-126	110759	220-270A	111813	220-391A	110890
210-253	110131	220-128	111086	220-272	111988	220-393	112747
210-257	110138	220-132	111148	220-273	111353	220-393A	110895
210-259	110175	220-134	111138	220-274	111353	220-397	110766
210-262	110175	220-134A	110875	220-275	111733	220-399	112097
210-264	110175	220-134D	111138	220-275A	111733	220-399A	112097
210-266	110175	220-136	110759	220-275B	111991	220-402	111280
210-268	110445	220-138A	111086	220-275E	112709	220-402A	111280
210-272	110176	220-140	110358	220-276	111353	220-406	112747
210-275	110173	220-140A	110358	220-276A	111477	220-409	110751
210-277	112112	220-140B	110923	220-277	112806	220-413	112747
210-280	110052	220-144	110899	220-277A	112806	220-420	111180
210-281	110048	220-144A	110899	220-277B	112806	220-420A	111180
210-284	110769	220-146	112098	220-278	112785	220-423	111287
210-290	111948	220-147	110735	220-278A	112785	220-427	112730
210-294	110769	220-148	110358	220-279	111354	220-427A	112730
210-297	1110908	220-150	111149	220-280A	112194	220-431	111987
210-298	110754	220-150A	111149	220-281	112194	220-433A	112453
210-298A	110754	220-154	110925	220-281A	112194	220-434	112725
210-300	110937	220-157	110911	220-285	112557	220-435	112765
210-302	110937	220-159	110360	220-288	112557	220-438	112764
210-302B	110937	220-159C	110360	220-289	112557	220-439	112759
210-303	110176	220-165	111096	220-290	110641	220-442	112757
210-304	110937	220-167	110919	220-292	112712	220-447	112771
210-308	110937	220-168	111670	220-294	111850	220-451	110880
210-311	110937	220-169	111074	220-295	111369	220-466	112779
210-312	110937	220-176	110881	220-295A	112529	220-466A	112732
210-316	110937	220-178A	112729	220-295B	111369	220-470	111656
210-317	110173	220-179	111093	220-299	111675	220-481	112775
210-318	110173	220-179A	110923	220-299A	112708	220-482C	110113
210-323	110408	220-181	111154	220-299B	112708	220-487	110360
210-336	111575	220-182B	112788	220-300	112803	220-490B	110925
210-339	111576	220-183	112730	220-304	112558	220-5007	112193

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
220-5010	111895	240-207	110233	240-5020	112126	240-5162A	110502
220-5010A	111895	240-208-6	110233	240-5021	112126	240-5163	111090
220-5016	112194	240-209	111250	240-502152	112126	240-5170	111389
220-5016A	112539	240-210	110505	240-5025	112126	240-5175	111389
220-5016B	112530	240-210-3	110505	240-502542	112126	240-5210	111390
220-5017	112530	240-211	110505	240-5030	110499	240-5225	112643
220-5017C	112530	240-211-3	110505	240-503152	110500	240-5230	112642
220-5018	112530	240-213-6	110233	240-5031A	110500	240-5231	112642
220-5020	111902	240-214	110505	240-5032	112338	240-5234	110499
220-5021	111902	240-215	110505	240-5032A	112639	240-5235A	110499
220-5033	112193	240-216	110505	240-5033	110500	240-5236	111388
220-5042	111895	240-217	110233	240-5034	110500	240-5237	111388
220-5045	112557	240-217-3	110504	240-5035	110500	240-5380	112894
220-5047	112072	240-218	110505	240-503560	110500	240-5389	112874
220-5050	112078	240-219	110505	240-503563	110500	240-5390	112875
220-5065	112197	240-220	110075	240-503564	110500	240-5390A	112875
220-5067	111629	240-222	110505	240-503565	110500	240-5392	112893
220-5070	112691	240-225	110075	240-503566	110500	240-5396	112894
220-5072	112400	240-241	110235	240-5036	110500	240-5400	112880
220-5075	112426	240-241-3	110235	240-5036A	112639	240-5415	112880
220-5080	113798	240-241-6	110235	240-5037A	110500	240-5432	112877
220-5082	113808	240-241-9	110235	240-5037C	111711	240-543262	112877
220-5087	112543	240-242	110235	240-5038	112627	240-5433	112878
220-5088B	111828	240-242-3	110235	240-5039	110500	240-5436	112878
220-5095	113568	240-242-6	110235	240-503942	110500	240-5442	112980
220-5096	113564	240-242-9	110235	240-5040	112338	240-5443	112873
220-5100	112075	240-244	110234	240-5041	110499	240-5443A	112873
220-5101	113340	240-244A	110234	240-5042	110499	240-5443B	112873
220-5102	112079	240-246	112448	240-504255	110499	240-5443C	112873
220-5103	111353	240-247	111713	240-504264	110499	240-5443D	112873
220-5104	112402	240-247-6	111713	240-5043	111388	240-5457	112888
220-5106	111878	240-250	110235	240-504554	110499	240-5458	112882
220-5106A	111353	240-252	110508	240-504562	110499	240-5460	112883
220-5107	111820	240-253	110505	240-504564	110499	240-5465	112877
220-5115	112193	240-256	110952	240-5046	111202	240-5468	112877
220-5121	112198	240-257	110505	240-504660	111202	240-5470	112882
220-5124	112399	240-261	110952	240-5048	110499	240-5472	112886
220-5158	112159	240-299	110508	240-5049	111388	240-5475	112885
220-5161	111834	240-299-3	110508	240-5050	110498	240-5479	112884
220-5180	112302	240-299-9	110508	240-5055	110498	240-5485	112980
220-5201	112689	240-300	110471	240-5060	110498	240-5489	112893
220-5239	112680	240-300-3	110471	240-5074	111090	240-5492	112875
220-5258	112694	240-300-6	110508	240-507462	111090	240-5497	113502
220-5265	112720	240-300-9	110471	240-5075	111090	240-5499	112892
220-5277	112728	240-301	110233	240-5081	112449	240-5502	110724
220-5278	112728	240-301-3	110505	240-5085	110985	240-5504	111800
220-5280	112727	240-301-6	110508	240-5090	110985	240-5510	110984
220-5284	112744	240-301-9	110508	240-5095	110985	240-5511	110724
220-5285	112756	240-306-3	110471	240-5110	110986	240-5512	110724
220-5300	113807	240-306-9	110508	240-5115	110986	240-5513	112858
230-101	110074	240-307-3	110471	240-5120	112637	240-5514	112855
230-102	110236	240-307-9	110471	240-5123	111220	240-5518	110503
230-102A	110236	240-308	110471	240-5124	112638	240-5520	112858
230-110	110236	240-308-3	110471	240-5125	112638	240-5522	110724
230-110A	110236	240-308-6	110471	240-5126	111220	240-5538	112859
230-111	110236	240-308-9	110471	240-5127	111220	240-5550	112860
230-112	110236	240-309	110471	240-5128	111220	240-5551	112860
230-120	110514	240-309-3	110471	240-5130	112447	240-6036	112338
230-125	110514	240-309-9	110471	240-5132	112447	240-6040	110985
230-125A	110514	240-310	110471	240-5135	112641	240-6041	110500
230-126	112848	240-311-3	110471	240-5137	111854	240-6046	111202
230-361A	112531	240-315	110492	240-5138	111854	240-6122	112872
230-5061	111797	240-315-6	110492	240-5140	110502	240-6137	112615
230-5475	113904	240-316	110492	240-5140A	110502	240-6138	112615
240-095	110075	240-316-3	110492	240-5141	110984	240-6139	112873
240-120	110075	240-316-6	110492	240-5144	110984	240-6139A	112873
240-120A	110075	240-316-9	110492	240-5147	110984	240-6142	112869
240-122	110075	240-318	112988	240-5148	110984	240-6144	112868
240-145	113724	240-321	110235	240-5149	110984	240-6144A	112868
240-200	110233	240-4008C	112834	240-514952	110984	240-6155	111392
240-200-3	110233	240-4020	113579	240-514962	110984	240-6160	111392
240-200-6	110233	240-4021	113579	240-5150	110984	240-6165	112614
240-200-9	110233	240-4022	113579	240-515052	110984	240-6166	111223
240-201-3	110233	240-4040	113694	240-5152	112126	240-6168	112613
240-201-9	110505	240-5002	111486	240-5153	112644	240-6170	112616
240-206	110233	240-5008	111486	240-5155	110503	240-6172	111223
240-206-3	110502	240-5010	110502	240-5158	110503	240-6179	112665
240-206-6	110233	240-5015	111390	240-5159	110503	240-6193	113498
240-206-9	110233	240-5018	110502	240-5162	110984	240-6195	113498

## STARTERS &amp; ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
240-6196	111514	240-866	112160	250-176	112917	270-314	113823
240-6223	113777	240-866A	112160	250-176A	112917	270-323	110937
240-6236	113774	240-866B	112160	250-185	112843	270-419	110937
240-6300	112861	240-867	112160	250-185A	112843	270-420	110937
240-6311	113694	240-868	112992	250-200	112923	270-421	110937
240-6312	113693	240-870	111232	250-201	112922	270-422	110937
240-6312A	113692	240-870A	111232	250-202	112929	270-423	110937
240-6313	113685	240-872	111232	250-203	111199	270-425	110937
240-6315	113691	240-872A	111232	250-203A	111199	270-434	110937
240-6319	113685	240-874	111232	250-205	112920	270-435	110937
240-6400	112851	240-874A	111232	250-206	112921	270-513	113713
240-6400A	112851	240-877B	111232	250-207	112922	280-099	110178
240-6410	112853	240-880	111232	250-208	112922	280-100	111185
240-6410A	112853	240-883	111232	250-209	112926	280-101	110178
240-6410B	112853	250-109	110237	250-210	112938	280-102	110178
240-6415	112850	250-110	110237	250-212	112931	280-102A	110969
240-6415A	112850	250-110A	110237	250-213	112936	280-104	110179
240-6415B	112850	250-110C	110237	250-215	112924	280-104A	110179
240-6420	111426	250-110D	110237	250-216	112924	280-111	111185
240-6425	112852	250-110E	110237	250-217	112924	280-112	110179
240-6425A	112852	250-116	110238	250-220	112927	280-119	111184
240-729	112263	250-117B	110238	250-221	112962	280-127	110179
240-730	112263	250-118	110238	250-222	112962	280-128	111289
240-732	112263	250-118A	110238	250-225	112921	280-134	111361
240-785	110591	250-118B	110238	250-234	112940	280-301	111948
240-798	112265	250-118C	110238	250-236	112918	280-303	111185
240-800	112260	250-121	112914	250-239	112941	280-306	110968
240-800A	112260	250-121A	112914	250-244	111200	280-306A	110770
240-801	112303	250-121B	112914	250-245	111200	280-307	111363
240-801A	112303	250-121C	112914	250-247	112946	280-307A	111363
240-802	110300	250-121D	110239	250-247A	112946	280-308	111289
240-803	110300	250-121E	112914	250-252	112935	280-309	111739
240-806	110591	250-130	110239	250-253	112933	280-309A	111739
240-807	111261	250-130A	110239	250-254	112933	280-310	111740
240-809	110937	250-142	110641	250-255	112932	280-312	111364
240-811	110937	250-150	112835	250-260	112928	280-312A	111738
240-813	110937	250-150A	112835	250-261	112928	280-312C	111176
240-815	110591	250-150B	112835	250-262	112928	280-313	110107
240-816	110591	250-150C	111252	250-263	112928	280-318	110107
240-816A	110591	250-150D	112835	250-264	112928	280-320	113623
240-819	112264	250-151	112837	250-265	112928	280-321	113623
240-819A	112264	250-151A	112837	250-265A	112928	280-324	113623
240-820	112264	250-151B	112837	250-266	112934	280-325	112718
240-821	112262	250-151C	112837	250-267	112936	280-327	112722
240-821A	112262	250-155	112837	250-268	112936	280-328	113623
240-823	112261	250-155A	112837	250-270	112942	280-329	113623
240-824	112263	250-156	112835	250-270A	112942	280-330	111740
240-825	112265	250-157	111252	250-270B	112942	280-331	111184
240-829	110937	250-157A	111252	250-272	112943	280-331A	111184
240-830	110937	250-158	112842	250-272A	112943	280-332	111366
240-834	112989	250-158A	112842	250-273	112942	280-333	110770
240-835	110801	250-160	112836	250-275	112944	280-334	111366
240-835A	110801	250-160A	112836	250-275A	112944	280-337	111355
240-836	112989	250-160B	112836	250-277	113779	280-342	113683
240-837	112993	250-160C	112836	250-280	112939	280-347	112718
240-837A	112993	250-160D	112836	250-280A	112939	280-350	110891
240-837B	111232	250-160E	112836	250-281	113780	280-579	112557
240-840	111232	250-161	112838	250-283	112954	282-101	110357
240-842	111232	250-161A	112838	250-400	112947	282-102	110612
240-844	111232	250-161F	112838	250-401	112949	282-107	111083
240-848	111232	250-165	112838	250-402	112953	282-108	110766
240-848A	111232	250-165B	112838	250-404	112950	282-129	111086
240-849B	111232	250-165E	112838	250-405	112951	282-132	111662
240-850C	112993	250-166	112836	250-405A	112951	282-143	111833
240-850D	112993	250-166A	112836	250-406	112952	282-143A	111833
240-851	111232	250-166C	112836	250-407	112960	282-144	110113
240-852	111232	250-166D	112836	250-407A	112960	282-148	111686
240-854	111232	250-167	112841	250-408	112956	282-152	111686
240-856	112991	250-167A	112841	250-408A	112956	282-154	110890
240-856A	112991	250-167B	112841	250-409	112961	282-156	110641
240-858	113432	250-167C	112841	250-410	112958	282-157	111141
240-858A	111232	250-167D	112841	250-415	112958	282-160	111841
240-859	111232	250-167E	112841	250-415A	112958	282-163	110766
240-859A	111232	250-168	112839	250-416	112959	282-164	112097
240-861	111232	250-168B	112839	250-416A	112959	282-170	112097
240-862	111232	250-170	112916	250-802	110300	282-172	110890
240-864	111232	250-175	112840	260-300	110427	282-174	110882
240-865	112160	250-175A	112840	260-301	110427	282-177	112098
240-865A	112160	250-175B	112840	260-5000	110664	282-186	111528

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
282-190	111888	290-220	110678	290-342	112181	900-004	110213
282-208	112389	290-220A	110678	290-343	111482	900-014	110206
282-224	112170	290-221	111428	290-350	111965	900-023	111217
282-234	111368	290-222	111428	290-354A	111468	900-091	111219
282-242	112343	290-224	110496	290-355	111517	900-139	111636
285-105	110562	290-224A	110496	290-357	111597	900-149	111637
285-106	110800	290-227	110628	290-358	111517	900-184	110837
285-108	110562	290-227A	110628	290-358A	111517	900-191	110771
285-109	110562	290-228	110681	290-363	111537	900-231	111208
285-119	111051	290-228A	110496	290-365	111597	900-236	110536
285-142	110800	290-230	113056	290-366	111597	900-248	112135
285-158	112168	290-231	110496	290-366A	111579	900-295	110520
290-080	110137	290-231A	110496	290-367	111579	900-312	110524
290-093	110258	290-232	111428	290-369	111285	900-316	110527
290-101	110138	290-233	111578	290-369A	111285	900-322	110527
290-102	111796	290-234	111191	290-380	113584	900-337	110771
290-104	110248	290-235	110682	290-386	111678	900-355	110774
290-108	110138	290-235A	110678	290-386D	111678	900-356	110774
290-108A	110137	290-236	111191	290-387	111468	900-358	110774
290-110	110137	290-236A	111191	290-402	110445	900-382	111637
290-112	110138	290-237	111580	290-402A	110445	900-388	110826
290-112A	110138	290-238	111432	290-405	111215	900-393	110826
290-112B	110138	290-238A	111609	290-419	112252	900-424	110953
290-112C	110139	290-240	110967	290-437	111048	900-428	111637
290-114	110139	290-240C	110967	290-439	111048	900-447	112074
290-115	110139	290-241	111432	290-442	113715	900-612	110537
290-126	110274	290-245	110675	290-461	110563	900-633	110856
290-127	113806	290-249	111480	290-468	111278	900-634	110856
290-128	110137	290-251	110682	290-473	111261	900-644	111212
290-130	110138	290-251A	110682	290-480	111507	900-645	111212
290-133	110140	290-252	111705	290-484	110676	900-683	110386
290-138	110563	290-254	111705	290-487	113433	900-719	110308
290-140	110258	290-255	111194	290-5000	113627	900-720	110144
290-140A	111195	290-256C	111193	290-5010	113094	900-748	110145
290-140B	110258	290-257	111193	290-5010A	113094	900-800	110465
290-140D	110258	290-257A	111193	290-5016	111779	900-802	110465
290-143	111195	290-257B	111193	290-5018	113571	900-810	110818
290-155	111278	290-259	113053	290-5020	111779	900-830	110439
290-162	110684	290-261	111194	290-5036	113645	900-836	110460
290-168	110685	290-261A	111194	290-5037	113628	900-837	111573
290-171	110801	290-262	111194	290-5037A	113628	900-842	110565
290-172	111261	290-263	113059	290-5044	111468	900-843	110615
290-175	113856	290-264	111194	290-5047	113626	900-848	110460
290-186	111018	290-265	111194	290-5068	113902	900-853	110461
290-187	111017	290-265A	111194	290-5095	113027	900-854	110461
290-189	111830	290-266	111192	290-5103	111194	900-869	110459
290-193	111048	290-267	111192	290-5110	111194	900-911	110809
290-193	113921	290-267A	111192	290-5112	113559	900-916	110578
290-194	111048	290-267C	111192	290-5112A	113607	900-924	111565
290-196	111048	290-275	111193	290-5112C	113607	900-942	111475
290-198	111048	290-275A	111193	290-5118	113803	900-946	111310
290-198A	111048	290-275B	111193	290-5119	113606	900-957	110315
290-198B	111048	290-275C	112833	290-5126A	113564	900-993	110292
290-199	111048	290-275D	111193	290-5166	113921	900-994	110277
290-199	113921	290-275E	112833	290-5201	113804	901-003	110860
290-199A	111048	290-277	113054	290-5401	113903	901-016	110826
290-199A	113921	290-284	111435	290-5475	113904	901-018	110365
290-199B	113921	290-284A	111435	293-11	110959	901-020	110826
290-200	110680	290-286	111435	293-12	110540	901-029	110365
290-202	111951	290-288A	111435	293-13	111710	901-045	110338
290-203	111578	290-291	112101	293-13A	111710	901-047	110365
290-204	110374	290-302	111193	293-14	111710	901-049	110826
290-205	110564	290-305A	113077	293-18	110959	901-053	110352
290-206	110629	290-306	110681	293-18A	111710	901-054	110352
290-207	111018	290-306A	110496	340-07	110505	901-055	110352
290-209	110620	290-306B	110681	340-111	110505	901-070	110352
290-212	110965	290-307	111435	340-13	110505	901-077	110521
290-212A	110965	290-307A	111435	340-33	110505	901-078	110518
290-212B	110965	290-307B	111435	340-38	110505	901-079	110529
290-213	110927	290-309	113557	340-43	110505	901-086	110813
290-215	110927	290-311	112102	340-47	111388	901-087	110814
290-216	110677	290-312	110496	340-55	110233	901-088	110517
290-217	111429	290-313	113636	340-73	110505	901-096	110814
290-218	111577	290-314	111536	340-85	110505	901-097	110812
290-218A	111577	290-316	110679	340-94	110505	901-100	110517
290-219	111705	290-317	112746	340-99	110505	901-102	110521
290-219A	111705	290-318	113495	50-157A	111252	901-103	110521
290-219B	111705	290-319A	113496	900-001	111059	901-106	110529
290-219C	110678	290-332	110682	900-003	110212	901-111	110529

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
901-116	112289	902-218	111072	904-294	110640	910-436	110168
901-118	112289	902-220	111071	904-331	110152	910-437	110168
901-125	110312	902-221	111071	904-333B	111100	910-438	110168
901-188	110708	902-225	111156	904-333F	111100	910-442	110383
901-190	110708	902-227	111144	904-344	111053	910-554	111339
901-191	110708	902-230	111397	904-377	110154	910-575	111042
901-196	111447	902-232	111397	904-478	111291	910-580	111653
901-213	110421	902-236	111686	904-484	111613	910-581	111653
901-236	110154	902-237	111156	904-592	111546	910-623	112097
901-282	110145	902-252	111010	904-822	112303	910-651	112730
901-294	110474	902-254	112455	904-829	110300	910-672	111428
901-301	111681	902-275	111052	904-830	112260	910-695	110179
901-319	111561	902-282	110368	904-831	112260	910-696	110179
901-324	111022	902-293	110336	904-832	112260	910-702	111035
901-355	110860	902-372	110998	904-862	110371	910-704	111176
901-390	110367	902-373	110565	904-863	111065	910-705	111176
901-470	110835	902-406	110210	904-989	112649	910-708	111368
901-509	111068	902-413	110932	905-002	110911	910-712	111754
901-513	111208	902-422	110205	905-024	112110	910-713	111754
901-570	112249	902-457	110205	905-030	111074	910-714	111364
901-579	110367	902-500	110218	905-039	110759	910-715	111362
901-581	110856	902-702	110522	905-040	110759	910-718	111740
901-605	110355	902-711	112258	905-052	111078	910-721	111360
901-620	110440	902-800	112089	905-053	112719	910-725	110745
901-627	110817	902-823	112089	905-054	111035	910-725B	110745
901-635	110439	902-940	110347	905-055	110612	910-725C	110745
901-641	110461	902-976	110347	905-056	110612	910-727	110745
901-642	110461	902-977	110347	905-057	112719	910-728	110745
901-655	111737	903-136	110436	905-059	110991	910-733	110754
901-657	110459	903-239	112269	905-060	111035	910-749	110897
901-682	110826	903-483	112243	905-061	111036	910-768	110913
901-683	110826	903-517	112255	905-062	111078	910-773	110887
901-685	110518	903-757	111131	905-064	111035	910-777	111072
901-692	110814	903-811	111100	905-066	111035	910-778	112728
901-693	110812	903-815	110364	905-068	110912	910-779	111082
901-695	110312	903-828	110608	905-069	112719	910-780	111082
901-697	110312	903-829	110608	905-071	111654	910-790	110800
901-702	110421	903-840	111003	905-076	111621	910-795	110562
901-747	112742	903-850	111304	905-082	111654	910-820	111565
901-777	112747	903-865	110412	905-085	111654	910-831	110256
901-786	110707	903-866	110144	905-086	111620	910-842	110386
901-801	110128	903-867	110617	905-088	111620	910-904	110075
901-808A	110178	903-876	111393	905-089	111654	910-945	110075
901-809	110969	903-881	110580	905-092	111686	910-951	110075
901-813	110179	903-896	110154	905-095	112719	910-952	110075
901-826	110179	903-898	110152	905-108	110975	910-992	110075
901-828	110726	903-907	110278	905-118	110726	911-010	110075
901-844	110136	903-919	110865	905-121	111083	911-020	110724
901-845	110672	903-926	111310	905-126	110913	911-117	110745
901-847	110405	903-938	111488	905-132	110173	911-126	111082
901-849	110140	903-957	111461	905-144	110175	911-127	110882
901-856	111433	903-971	110774	905-161	110408	911-133	112270
901-879	110970	903-972	110774	905-173	110408	911-138	111314
901-890	110975	903-979	110367	905-284	110173	911-140	110307
901-907	110877	903-980	110367	905-608	110371	911-141	110168
901-919	110913	903-982	110774	905-609	110408	911-151	111433
901-923	110876	903-986	111064	905-676	110408	911-156	111071
901-963	111144	903-990	110717	905-682	110408	911-158	111397
901-964	111179	903-998	110156	905-709	110408	911-182	111539
901-984	111163	904-001	110617	905-719	110487	911-215	111705
902-022	111072	904-020	110717	905-720	110488	911-228	110447
902-027	112755	904-021	111448	908-101	111171	911-358	110696
902-058	110612	904-029	110868	908-102	111171	911-437	110445
902-071	110882	904-036	111103	910-108	110218	911-449	111435
902-081	111433	904-045	110640	910-144	110218	911-601	112260
902-086	111578	904-057	111102	910-156	110218	911-614	110801
902-103	110881	904-065	110771	910-161	112897	911-621	110408
902-104	112753	904-071	110868	910-284	110347	911-624	110408
902-123	112771	904-097	110365	910-307	110814	911-632	110408
902-139	111364	904-106	110708	910-323	111254	911-634	110408
902-142	111364	904-107	110708	910-406	110131	911-641	110408
902-145	110770	904-115	110253	910-407	110702	911-694	110205
902-147	110770	904-118	110154	9104-203	112537	911-723	112775
902-148	111362	904-124	110152	910-422	112270	911-732	111539
902-162	111138	904-125	110152	910-423	110264	911-759	112788
902-172	111428	904-197	112290	910-424	110264	911-770	110145
902-185	111428	904-244	111562	910-433	112270	911-781	110152
902-206	111144	904-276	110521	910-434	110168	911-796	111189
902-214	111075	904-278	110522	910-435	110168	911-823	111050

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
920-032	110771	859232	110895	20110305	111888	20500839	110517
920-088	111100	859327	111295	20110341	110701	20500847	110529
920-098	110212	859371	113342	20110342	110701	20500849	111274
920-101	112159	860053	110173	20110372	112806	20500899	113346
920-200	110856	860141	112097	20110381	111797	20500923	110523
920-205	110585	860177	110043	20110386	111820	20500968	110615
920-206	110793	860507	111231	20110387	111820	20500969	111346
920-208	110585	860541	111219	20110410	112860	20500974	111534
940-360	110347	860543	111218	20110413	111237	20510100	111241
940-530	112165	860557	111886	20110438	112058	20510101	111508
940-531	112165	860561	112189	20110501	112351	20510107	111848
940-532	111426	860650	112224	20130102	112206	20510110	111214
940-534	111514	860705	111771	20130116	112718	20510134	111851
940-541	111426	860715	114388	20130131	111043	20510165	111680
950-003	110226	860803	112656	20130133	110077	20510167	111906
980-005	110461	860807	113351	20130136	111843	20510168	111485
980-006	110525	860809	113284	20130137	112046	20510169	111865
980-007	110814	1277700	112343	20130140	111238	20510171	113662
9801-363	113804	1285515	111808	20130141	111491	20510172	111904
983-001	113269	1286500	111976	20130142	110759	20510174	113605
983-004	110551	1286590	111976	20130146	111747	20510177	111909
990-027	111449	2011061	111623	20130157	111826	20510178	112005
PIC 204-211	113415	11925115	110793	20130160	112334	20510202	112821
<b>POLARIS</b>							
3084403	113527	20100190	110912	20130161	112207	20510204	111306
3084981	113528	20100220	111948	20130163	112506	20510224	112320
3085393	113527	20100270	110612	20130164	111714	20513003	112233
3240110	112010	20100328	111667	20130165	111308	20513012	111047
3240281	112010	20100394	110693	20130166	111787	20513013	111312
3585393	113527	20100397	112756	20130167	111469	20513015	110552
4010675	112010	20100507	110921	20130169	111956	20513016	111300
4060118	112010	20100517	111176	20130171	111871	20513017	111913
<b>POONG SUNG</b>							
02121-8025	112506	20100518	111741	20130174	112327	20513018	112435
02121-8026	112506	20100520	111711	20130175	112359	20513019	111912
02121-8027	112506	20100521	111360	20130177	112270	20513020	113327
02121-8070	112506	20100522	111739	20130178	110540	20513021	110947
02121-8071	112506	20100527	111361	20130179	111710	20513022	111703
02121-8072	112506	20100530	111739	20130181	112087	20513023	111242
02121-8073	112506	20100542	111578	20130184	112332	20513025	110417
02121-8074	113903	20100547	112297	20130190	111314	20513026	110572
02131-9040	112334	20100550	110682	20130191	111626	20513027	111971
02131-9070	113213	20100555	111729	20130192	110179	20513030	112533
02131-9110	113328	20100603	110612	20130217	112789	20513035	111679
02131-9111	113328	20100628	110913	20130225	110233	20513036	111401
02131-9112	113328	20100693	110969	20130231	110916	20513038	112366
02131-9113	113328	20100718	111149	20140101	112068	20513039	111108
02131-9310	113328	20100721	113866	20140107	112069	20513040	110245
02131-9311	113328	20100727	111799	20140109	111495	20513043	112441
02142-5070	114414	20100729	112760	20140110	111048	20513045	111885
03101-3030	111683	20100743	111074	20140111	113716	20513046	113521
03101-3031	111683	20100765	112754	20150113	113631	20513047	112221
03101-3050	110389	20100780	110607	20150114	110052	20513048	112251
03101-3051	110389	20100789	111337	20200100	110482	20513049	111130
03101-3170	113329	20100790	110664	20200101	110483	20513051	112041
03101-3190	113329	20100807	110990	20500106	111573	20513052	110820
03101-3220	113329	20100808	110744	20500120	110817	20513053	112368
03111-4040	111065	20100918	110911	20500124	110443	20513055	112014
03111-4041	111065	20100940	110607	20500139	110440	20513058	111752
03111-4140	113327	20100958	110968	20500147	110545	20513059	111021
03111-5020	112344	20100966	111321	20500155	110464	20513062	113282
03111-5021	112344	20100983	110913	20500157	110818	20513067	111272
03112-7021	112502	20110134	110881	20500190	110439	20513069	111855
37300-2W000	113903	20110151	110689	20500195	110615	20513070	112166
37300-2W001	113903	20110154	111186	20500212	110462	20513073	113408
<b>PRESTOLITE</b>							
110127	110127	20110161	111743	20500429	110396	20513074	110602
110441	110441	20110170	111280	20500463	110866	20513150	111906
110663	110663	20110194	111294	20500484	113380	20550101	112277
462237	112105	20110221	111756	20500507	110708	20550102	111047
462415	111861	20110223	112680	20500514	110402	20550103	114397
463592	112105	20110232	111309	20500552	110462	35213675	110754
855694	111000	20110234	111806	20500574	110441	35213750	111652
858320	110518	20110236	111594	20500605	110394	35213795	111652
858884	112345	20110238	111807	20500673	110461	35213955	111322
		20110249	111846	20500706	111574	35214095	111477
		20110250	111708	20500708	113346	35214350	111319
		20110252	111676	20500722	111310	35214355	112463
		20110256	112086	20500738	111136	35214370	111884
		20110262	111767	20500762	110536	35214410	111353
		20110299	111831	20500785	111055	35214445	111175
		20110303	111515	20500789	110807	35214830	112229

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
35214930	111426	66021424	110357	66925266	111055	MF7034	112317
35214955	111676	66021429	110968	66925293	110866	MF4001	112317
35214965	111699	66021434	110925	66925299	111751	MF4004	112317
35215030	110889	66021436	110972	66925301	110292	MF4005	112317
35215040	111321	66021437	110357	66925309	110155	MF4012	112317
35215200	110769	66021438	110969	66925319	111055	MF4020	110999
35215205	111321	66021440	111166	66925321	111127	MF4021K	110999
35215230	111990	66021445	111356	66925322	111749	MF4040K	110999
35215250	111513	66021456	110968	66925325	110292	MF4041L	110999
35215255	112705	66021459	110972	66925336	111751	MF4060	110999
35215280	112756	66021461	110968	66925342	110292	MF4061K	110999
35215290	112680	66021479	110107	66925378	111061	MGD4002A	111043
35215340	112681	66021483	110577	66925389	112320	MGD4002C	111043
35215345	111498	66021485	110976	10-159	110164	MGD4002M	111043
35216570	110612	66021486	111204	110-376	113769	MGD4007	110647
35257870	110793	66021490	110643	110-872	112159	MGD4007A	110647
35258420	111619	66021507	111295	40-259	111863	MGD4013	110647
35258510	111228	66021543	111355	40-393	112562	MGD4102A	111043
35258640	111749	66021550	111176	40-416	112562	MGD4102C	111043
35258790	113276	66021554	112162	46-2415	111860	MGD4106	110240
35258810	111221	66021555	111176	46-4157	112577	MGD4108	110648
35258840	113752	66021559	112754	51-178	110427	MGD4108A	110648
35258880	110604	66021574	110744	51-212	110427	MGD4110	110240
35258890	112124	66021575	111321	66021126K	110497	MGD4113	110647
35258940	112267	66021577	112769	66021126M	112237	MGD4115	110240
35258950	112253	66021579	110972	66021151M	110127	MGL4001B	110648
35258970	111421	66021584	113378	66021490A	110643	MGL4002	110636
35258990	110604	66021585	111569	66021590M	113152	MGL4004	111835
35259000	110602	66021587	112112	66021616A	110643	MGL4005	111961
35259030	113451	66021588	113713	66925094A	111056	MGL4008	110644
35259040	112439	66021593	111510	859371Z	113342	MGL4012	110649
35259130	111041	66021594	113714	860305Z	111910	MGL4013	110636
35259250	111748	66021595	111741	8AL2014F	110408	MGL4014	110636
35259400	112439	66021605	111739	8AL2025F	110408	MGL4105	111861
35259480	112052	66021606	111216	8AL2026F	110408	MGL4109	110644
35259620	110627	66021636	110968	8LHA3159R	113342	MHA7010	112130
35259630	112253	66021637	110969	8SC3133U	110175	MHA7013	112130
35259650	110604	66021836	112722	AELB697	110895	MHJ7003	112318
35259670	110602	66925050	110439	ANB6001	110427	MHJ7005	112318
35259680	110604	66925051	110442	ANB6002	110427	MHJ7024	112318
35259690	111041	66925056	110585	ANB6004	110427	MHX4001	112318
35259710	111041	66925074	111056	ANB7001	110427	MJL4002	110649
35259860	111750	66925089	110615	ANB7002	110427	MJL4002A	110649
35259920	113451	66925090	110565	ANB7003	110427	MJL4003B	110649
35259930	111996	66925094	111056	ANB7004	110427	MJL4005	110645
35260920	111421	66925099	111117	ETK4102	111863	MKW4001	110644
35261180	111786	66925111	111025	EVC4002	111864	MKW4005	110636
35261420	111047	66925129	110585	EVD4001	112562	MKW4006	110647
35261440	110527	66925137	110864	EVD4002	112562	MKW4007	111861
35261450	110524	66925139	111117	FPOR4001	111861	MKW4008	110647
36215395	111878	66925141	111228	JFZ2110A2	114374	MS1-410A	113333
66021115	110969	66925143	110858	MBJ4201	112577	MUE6102S	112311
66021126	110497	66925146	111080	MBJ4202	112577	OMS121	112341
66021134	110577	66925148	111127	MBJ4209	112577	OMS122	112341
66021136	110968	66925156	110587	MBJ4402	112577	OMS123	110602
66021137	110969	66925157	110363	MBJ4407	112577	OMS124	110627
66021147	110107	66925167	111127	MBJ6201	112577	OMS125	111041
66021149	110972	66925169	110155	MBJ6202	112577	OMS131	110233
66021152	110975	66925170	110462	MBJ6304	112577	OMS138	111710
66021153	110976	66925178	111127	MCD4007	110647	OMS140	111710
66021155	110497	66925181	110149	MDF7024	112318	OMS142	111710
66021160	110976	66925184	110279	MDH4001	111043	OMS143	111710
66021168	110977	66925187	110793	MDH4002M	111043	PBNA0100	110759
66021169	111204	66925189	110864	MDH4102M	111043	PBNA0101	110179
66021174	110977	66925193	111750	MDW4002M	111043	PBNA0102	110759
66021198	110577	66925194	111056	MDW4204M	111043	PBNA0104	110179
66021238	110891	66925198	111055	MDX7047	112317	PBNA0105	110179
66021301	111317	66925201	110279	MDY6116	112317	PBNA0106	110759
66021314	111633	66925208	110793	MDY6139	112130	PBNA0110	110972
66021318	111633	66925211	111055	MDY7037	112317	PBNA0111	110179
66021405	110925	66925216	110155	MDY7039	112317	PBNA0112	110357
66021409	110968	66925229	110585	MDY7040	112317	PBNA0113	110179
66021412	112238	66925232	110585	MDY7054	112130	PBNA0121	110968
66021414	111166	66925233	111055	MDY7055	112317	PBNA0122	113378
66021416	110972	66925237	110587	MDY7061	112317	PBNA0130	110969
66021417	110744	66925240	111025	MDY7066	112317	PBNA0131	110968
66021419	110968	66925251	111228	MEO005A	110934	PBNA0132	113378
66021422	110911	66925263	111749	MEO6005	112249	PBNA0134	110913
66021423	110357	66925264	111080	MEO7003	112105	PBNA0143	110968

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PRESTOLITE</b> <i>Continued</i>							
PBNA0147	.110179	PBNS3040	.110245	244	.112056	1100078	.110591
PBNA0176	.110759	PBNS3043	.112441	273	.112720	1100080	.112260
PBNA0177	.110759	PBNS3045	.111885	384	.111426	1100081	.112260
PBNA0185	.110968	PBNS3046	.113521	394	.111056	1100082	.112303
PBNA0190	.110912	PBNS3047	.112221	409	.111426	1100083	.112303
PBNA0206	.110968	PBNS3048	.111251	454	.111514	1100084	.112260
PBNA0207	.111166	PBNS3049	.111130	455	.111514	1100086	.112260
PBNA0208	.110925	PBNS3051	.112041	456	.112229	1100087	.112260
PBNA0216	.110759	PBNS3052	.110820	604	.111166	1100088	.112303
PBNA0220	.111948	PBNS3053	.112368	606	.111166	1100089	.112260
PBNA0221	.110759	PBNS3055	.112014	619	.111168	1100090	.112260
PBNA0226	.110759	PBNS3058	.111752	620	.111800	1100092	.110325
PBNA0228	.110968	PBNS3059	.111021	621	.111169	1100093	.110300
PBNA0229	.110969	PBNS3062	.113282	634	.111178	1100109	.110233
PBNA0230	.110968	PBNS3067	.111272	639	.111166	1100110	.110233
PBNA0231	.110759	PBNS3070	.112166	641	.112056	1100111	.110233
PBNA0328	.111667	PBNS3073	.113408	704	.112805	1100113	.110233
PBNA0382	.112238	PBNS3101	.110627	706	.111166	1100115	.110233
PBNA0392	.110968	PBNS3102	.110627	706	.112775	1100116	.110233
PBNA0394	.110693	PBNS3103	.112253	714	.111166	1100117	.110233
PBNA0443	.112056	PBNS3150	.111906	716	.111166	1100118	.110505
PBNA0444	.112056	PBNSF101	.110292	717	.112775	1100119	.110233
PBNA0474	.112345	PBNSM102	.111047	719	.111168	1100120	.110233
PBNA0507	.110921	POA4001	.110240	734	.111178	1100121	.110233
PBNA0542	.111578	POA4002	.110240	739	.111166	1100122	.110233
PBNA0550	.110682	POB4001	.111043	741	.112056	1100123	.110505
PBNA0555	.111729	POC4001	.110644	791	.112056	1100124	.110233
PBNA0556	.110701			814	.111514	1100125	.110233
PBNA0565	.112769	<b>REAL</b>		823	.111426	1100127	.110505
PBNA0575	.110632	20401234	.110206	824	.111426	1100128	.110233
PBNA0581	.112769	20404077	.110814	847	.112229	1100129	.110233
PBNA0582	.111355	20404081	.110813	848	.112229	1100130	.110233
PBNA0583	.110759	20404082	.113381	855	.111514	1100131	.110233
PBNA0584	.110077			914	.111514	1100132	.110233
PBNA0586	.110969	<b>REMY (DELCO)</b>		922	.112720	1100133	.110233
PBNA0597	.110912	00E091	.112251	923	.111426	1100135	.110233
PBNS0429	.110396	014	.110925	947	.112229	1100136	.110233
PBNS0557	.110149	023	.111656	955	.111514	1100137	.110233
PBNS1150	.113752	026	.111656	110002	.111709	1100138	.110233
PBNS1162	.111906	032	.110925	110397	.111065	1100139	.110233
PBNS1164	.111906	035	.110925	110566	.112365	1100140	.110233
PBNS1165	.111680	037	.111656	111018	.110807	1100141	.110233
PBNS1167	.111906	048	.111656	111089	.110808	1100142	.110233
PBNS1168	.111485	050	.110972	111534	.111805	1100143	.110233
PBNS1170	.112533	051	.111168	112161	.112251	1100144	.110233
PBNS1171	.113662	052	.110972	112816	.110808	1100145	.110235
PBNS1172	.111904	053	.110914	113136	.113659	1100146	.110233
PBNS1174	.113605	058	.110925	199903	.111000	1100147	.110233
PBNS1175	.113276	059	.111656	219051	.113458	1100148	.110233
PBNS1176	.110461	065	.110914	219053	.112297	1100149	.110233
PBNS1177	.111909	066	.111168	219055	.113457	1100150	.110233
PBNS1178	.112005	067	.110972	219072	.112657	1100151	.110505
PBNS1180	.112258	068	.110972	219091	.111708	1100152	.110233
PBNS1608	.111024	070	.111800	219101	.111308	1100153	.110233
PBNS1613	.110998	105	.111166	219137	.113498	1100154	.110233
PBNS1615	.112090	106	.111166	219138	.113349	1100155	.110233
PBNS1618	.110450	120	.111169	219139	.113350	1100156	.110233
PBNS1644	.110449	121	.111169	219170	.111847	1100157	.110233
PBNS1653	.112090	134	.111178	219170	.114114	1100158	.110233
PBNS1666	.110205	150	.111055	219187	.111846	1100159	.110505
PBNS3003	.112233	155	.111056	219199	.113498	1100162	.110233
PBNS3013	.111312	163	.110364	219202	.113349	1100163	.110233
PBNS3015	.110552	168	.111055	219235	.111847	1100164	.110233
PBNS3016	.111300	169	.111127	219235	.114114	1100165	.110505
PBNS3017	.111913	171	.110364	219251	.111847	1100166	.110233
PBNS3018	.112435	172	.111055	219251	.114114	1100167	.110233
PBNS3019	.111912	173	.111127	219292	.111847	1100168	.110233
PBNS3020	.113327	174	.111122	219292	.114114	1100170	.110505
PBNS3021	.110947	177	.111055	219298	.111708	1100171	.110505
PBNS3022	.111703	188	.111800	323436	.111786	1100174	.110233
PBNS3023	.111242	206	.110914	390049	.113457	1100175	.110233
PBNS3025	.110417	208	.111168	390087	.111647	1100176	.110233
PBNS3026	.110572	214	.112165	455957	.113256	1100179	.110233
PBNS3027	.111971	215	.112165	1100061	.113724	1100181	.110233
PBNS3030	.112533	220	.110914	1100072	.112260	1100182	.110233
PBNS3035	.111679	220	.111169	1100073	.112260	1100183	.110235
PBNS3036	.111401	225	.112416	1100075	.112303	1100184	.110235
PBNS3038	.112366	234	.111178	1100076	.112303	1100185	.112260
PBNS3039	.111108	239	.111166	1100077	.110300	1100187	.110235

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1100188	112260	1100290	110508	1100593	110233	1100702	110075
1100189	112260	1100291	110508	1100595	110233	1100703	110075
1100192	110235	1100292	110505	1100596	110233	1100704	110075
1100196	110233	1100294	110505	1100597	110233	1100705	110075
1100197	110233	1100296	110235	1100598	110505	1100706	110075
1100198	110505	1100297	110505	1100600	110075	1100707	110075
1100199	110233	1100298	110508	1100601	110075	1100708	110075
1100200	110508	1100299	110508	1100605	110075	1100709	110075
1100201	110233	1100300	110505	1100613	110075	1100710	110075
1100201	110505	1100374	110505	1100616	110075	1100711	110075
1100202	110233	1100419	110505	1100617	110075	1100713	110075
1100203	110233	1100422	110505	1100618	110075	1100714	110075
1100203	110505	1100438	110505	1100620	110075	1100719	110075
1100204	110233	1100441	110505	1100621	110075	1100720	110075
1100204	110505	1100444	110505	1100622	110075	1100724	110075
1100205	110508	1100481	110233	1100623	110075	1100725	110075
1100206	110508	1100485	110505	1100624	110075	1100726	110075
1100207	110508	1100486	110233	1100625	110075	1100727	110075
1100208	110508	1100487	110233	1100627	110075	1100728	110075
1100209	110508	1100490	110505	1100628	110075	1100729	110075
1100211	110300	1100491	110505	1100629	110075	1100730	110075
1100212	112260	1100492	110505	1100630	110075	1100731	110075
1100213	112260	1100493	110505	1100631	110075	1100733	110075
1100214	112303	1100494	110233	1100632	110075	1100734	110075
1100217	110508	1100495	110505	1100633	110075	1100735	114531
1100218	110233	1100496	110505	1100634	110075	1100736	110075
1100221	110233	1100497	110233	1100636	110075	1100737	110075
1100222	110233	1100498	110505	1100637	110075	1100738	110075
1100223	110235	1100499	110325	1100638	110075	1100739	110075
1100225	110233	1100533	110075	1100639	110075	1100740	110075
1100226	110233	1100542	110233	1100640	110075	1100741	110075
1100227	110233	1100543	110233	1100642	110075	1100742	110075
1100228	110233	1100544	110233	1100646	110075	1100744	110075
1100229	110233	1100545	110233	1100647	110075	1100745	110075
1100230	110233	1100546	110233	1100648	110075	1100750	110075
1100231	110233	1100547	110233	1100649	110075	1100752	110075
1100232	110233	1100548	110233	1100651	110075	1100755	110075
1100233	110233	1100549	110233	1100655	110075	1100758	110075
1100234	110233	1100550	110233	1100656	110075	1100759	110075
1100235	110233	1100551	110505	1100657	110075	1100760	110075
1100236	110233	1100552	110233	1100658	110075	1100761	110075
1100237	110508	1100553	110075	1100659	110075	1100762	110075
1100238	110233	1100554	110233	1100661	110075	1100763	110075
1100239	110508	1100556	110233	1100662	110075	1100764	110075
1100240	110508	1100557	110075	1100663	110075	1100765	110075
1100241	110508	1100558	110075	1100664	110075	1100767	110075
1100242	110508	1100559	110233	1100665	110075	1100768	110075
1100243	110508	1100560	110233	1100668	110075	1100769	110075
1100246	110508	1100561	110505	1100669	110075	1100770	110075
1100247	110508	1100562	110505	1100670	110075	1100771	110075
1100249	110508	1100563	110233	1100671	110075	1100772	110075
1100250	110508	1100564	110233	1100672	110075	1100773	114531
1100251	110508	1100565	110505	1100674	110075	1100774	110075
1100252	110508	1100566	110075	1100675	110075	1100775	110075
1100254	110508	1100567	110075	1100676	110075	1100777	110075
1100255	110508	1100568	110075	1100677	110075	1100778	110075
1100256	110233	1100569	110075	1100678	110075	1100779	110075
1100257	110508	1100570	110075	1100679	110075	1100780	110075
1100259	110508	1100571	110075	1100680	110075	1100781	110075
1100260	110508	1100572	110075	1100681	110075	1100782	110075
1100263	110508	1100573	110233	1100682	110075	1100784	110075
1100264	110508	1100574	110233	1100683	110075	1100787	110075
1100265	110508	1100575	110233	1100684	110075	1100788	110075
1100266	110508	1100576	111250	1100686	110075	1100789	110075
1100268	110233	1100577	111250	1100687	110075	1100790	110075
1100269	110508	1100578	110233	1100688	110075	1100791	110075
1100270	110508	1100579	110233	1100689	110075	1100793	110075
1100271	110235	1100580	110233	1100690	110075	1100794	110075
1100272	110508	1100581	110233	1100691	110075	1100795	110075
1100273	110508	1100582	110505	1100692	110075	1100796	110075
1100274	110300	1100583	110505	1100693	110075	1100797	110075
1100275	110508	1100584	110505	1100694	110075	1100798	110233
1100276	110508	1100585	110505	1100695	110075	1100799	110233
1100280	110505	1100587	110505	1100696	110075	1100800	110233
1100281	110505	1100588	110233	1100697	110075	1100801	110233
1100282	110235	1100589	110504	1100698	110075	1100802	110075
1100287	110508	1100590	110075	1100699	110075	1100803	110075
1100288	110508	1100591	110075	1100700	110075	1100804	110075
1100289	110508	1100592	110233	1100701	110075	1100805	110075

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1100807	110075	1100906	110075	1101063	110234	1101243	110505
1100808	110075	1100907	110075	1101064	110234	1101244	110471
1100809	110075	1100908	110075	1101066	110235	1101245	110471
1100810	110075	1100909	110075	1101067	110235	1101250	112878
1100811	110075	1100910	110075	1101071	110235	1101251	112260
1100813	110075	1100911	110233	1101072	110235	1101253	110985
1100814	110075	1100916	110075	1101073	110234	1101254	110985
1100815	110075	1100917	110075	1101074	110235	1101255	110985
1100816	110075	1100919	110233	1101075	110235	1101259	111202
1100817	110075	1100920	110233	1101078	110235	1101264	111090
1100818	110075	1100921	110075	1101080	110235	1101266	112447
1100819	110075	1100922	110233	1101081	110235	1101267	112447
1100820	110075	1100923	110233	1101082	110235	1101268	110508
1100821	114531	1100924	110233	1101083	110235	1101271	111486
1100822	114531	1100925	110233	1101084	110235	1101272	112632
1100825	110233	1100926	110505	1101085	110235	1101273	112632
1100826	110505	1100927	110505	1101086	110235	1101274	112878
1100828	110075	1100928	110233	1101087	110235	1101275	112449
1100830	110233	1100929	110505	1101088	110235	1101276	110508
1100831	110505	1100930	110233	1101090	110234	1101277	110499
1100832	110233	1100930	110505	1101091	112448	1101278	110499
1100833	110505	1100931	110075	1101093	110235	1101279	110508
1100834	110075	1100932	110075	1101094	110235	1101282	110505
1100836	110075	1100933	110075	1101095	110235	1101288	112260
1100837	110075	1100934	110505	1101097	110235	1101289	112260
1100838	110075	1100935	110233	1101098	110235	1101290	112988
1100839	110075	1100936	110233	1101101	112637	1101291	110724
1100841	110075	1100937	110233	1101104	112260	1101292	112449
1100842	110075	1100939	110075	1101105	112260	1101293	112338
1100843	110075	1100940	110233	1101107	112637	1101296	112880
1100845	110075	1100943	110075	1101109	112448	1101298	110471
1100846	110075	1100944	110075	1101110	112640	1101299	110471
1100847	110075	1100946	110233	1101111	112640	1101300	110471
1100849	110075	1100947	110233	1101113	110492	1101301	110471
1100851	110075	1100948	110233	1101127	111090	1101303	110508
1100852	110233	1100949	110233	1101134	113767	1101304	110471
1100853	110233	1100950	110233	1101137	110498	1101305	110471
1100854	110233	1100951	110075	1101138	110498	1101307	110508
1100855	110233	1101015	110234	1101139	110499	1101308	113767
1100856	110075	1101016	110234	1101140	110499	1101310	112636
1100857	110075	1101017	110234	1101141	110498	1101317	112338
1100859	110233	1101018	110234	1101142	110499	1101318	112338
1100860	110075	1101019	110234	1101143	110499	1101321	112858
1100861	110233	1101020	112448	1101148	111202	1101323	110235
1100865	110233	1101021	110234	1101149	111202	1101324	110471
1100866	110075	1101022	110234	1101155	110505	1101329	112880
1100870	110075	1101023	110234	1101156	110508	1101332	110471
1100871	110075	1101024	110234	1101157	110471	1101333	110508
1100872	110233	1101025	110234	1101157	110508	1101345	110508
1100873	110233	1101026	110234	1101159	110505	1101346	112621
1100874	110233	1101027	110234	1101162	110499	1101349	112877
1100875	110075	1101028	110234	1101167	110986	1101432	113143
1100878	110075	1101029	110234	1101168	112855	1101434	110234
1100879	110075	1101030	110234	1101170	110986	1101435	112448
1100880	110505	1101031	110234	1101176	110724	1101436	110235
1100881	110233	1101032	110234	1101178	112448	1101437	110235
1100882	110233	1101033	110234	1101181	112632	1101439	111713
1100883	110075	1101034	110234	1101182	112878	1101440	111713
1100884	110233	1101035	110234	1101183	112877	1101442	110235
1100885	110075	1101036	110234	1101184	112126	1101443	110235
1100886	110075	1101037	110235	1101186	112449	1101444	110235
1100887	114531	1101038	110235	1101192	110505	1101445	110235
1100888	110075	1101039	110235	1101194	111713	1101448	110235
1100889	110075	1101040	110235	1101199	111800	1101449	110235
1100890	110233	1101041	110235	1101203	110505	1101454	112877
1100891	110075	1101042	110235	1101204	110952	1101461	110503
1100892	110075	1101043	110234	1101205	111713	1101465	112635
1100893	110075	1101044	110235	1101215	112988	1101466	111389
1100894	111250	1101045	110235	1101222	110505	1101467	111389
1100895	110075	1101046	110234	1101224	110492	1101475	111486
1100896	110075	1101047	110234	1101225	110235	1101483	110724
1100897	110233	1101048	110234	1101228	110508	1101484	110471
1100899	110233	1101049	110235	1101229	112449	1101500	112627
1100900	110233	1101050	112448	1101231	110499	1101518	112880
1100901	110233	1101058	110234	1101239	112880	1101521	112627
1100902	110233	1101059	112448	1101240	110471	1101551	111169
1100903	110233	1101060	110234	1101241	110471	1101565	112858
1100904	110233	1101061	110234	1101242	110471	1101571	110984
1100905	110075	1101062	110234	1101243	110471	1101577	112632

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1101577	112638	1102355	110505	1102551	111713	1102908	110233
1101578	112882	1102356	110505	1102553	112260	1102909	110233
1101579	112883	1102358	110505	1102578	110505	1102910	110233
1101580	112885	1102359	110505	1102581	110233	1102911	110233
1101582	112337	1102361	110505	1102593	110505	1102913	110233
1101583	110499	1102362	110505	1102600	110499	1102914	110233
1101593	110499	1102363	110505	1102601	110499	1102915	110233
1101595	110499	1102364	110505	1102602	111389	1102918	110952
1101596	110499	1102367	110233	1102603	111389	1102919	110952
1101599	112629	1102368	110233	1102604	112638	1102920	110505
1101600	112629	1102369	110233	1102607	111220	1102921	110505
1101601	111090	1102370	110075	1102614	110503	1102922	110505
1101604	112877	1102375	110233	1102615	110724	1102925	110505
1101605	110503	1102375	110505	1102617	111202	1102926	110505
1101606	111389	1102376	110233	1102625	112885	1102927	110505
1101608	111486	1102379	114532	1102629	110984	1102928	110505
1101612	111388	1102380	110233	1102630	110984	1102929	110505
1101616	112627	1102381	110233	1102631	110984	1102930	110505
1101617	112627	1102382	110233	1102644	112447	1102932	110505
1101618	112621	1102382	110505	1102839	110233	1102933	110508
1101620	112338	1102383	110233	1102840	110233	1102935	110508
1101628	112338	1102384	110505	1102841	110233	1102936	110505
1101629	112338	1102385	110233	1102842	110233	1102937	110505
1101632	112640	1102386	110233	1102843	110233	1102938	110233
1101633	112640	1102387	110233	1102844	110233	1102940	110505
1101634	110984	1102388	110233	1102847	110505	1102941	110233
1101635	110984	1102389	110233	1102848	110233	1102942	110508
1101636	110984	1102390	110233	1102849	110233	1102945	110075
1101637	112627	1102391	110233	1102850	110505	1103031	110952
1101642	111390	1102392	110233	1102851	110233	1103033	110233
1101644	111854	1102393	111250	1102852	110233	1103033	110505
1101645	112629	1102394	110505	1102853	110233	1103034	110233
1101646	112629	1102395	110233	1102854	110233	1103035	110505
1101647	112629	1102397	110505	1102856	110233	1103036	110233
1101649	112638	1102399	110233	1102857	110233	1103037	110233
1101650	112638	1102400	110233	1102858	110233	1103039	110505
1101691	113598	1102455	110233	1102859	110233	1103040	110505
1101692	113598	1102457	110233	1102860	110233	1103041	110233
1101694	111388	1102460	110233	1102861	110505	1103042	110233
1101696	111388	1102461	110233	1102862	110233	1103043	110233
1101697	111388	1102462	110505	1102863	110233	1103044	110233
1101700	110235	1102465	110233	1102864	110233	1103045	110233
1101806	110502	1102466	110233	1102865	110233	1103046	110505
1101807	112635	1102467	110233	1102866	110505	1103047	110233
1101810	110499	1102468	110233	1102867	110505	1103048	110233
1101814	110984	1102469	110233	1102869	110233	1103049	110233
1101815	112635	1102471	110505	1102871	110325	1103050	110505
1101818	113502	1102472	110233	1102875	110504	1103051	110233
1101822	110499	1102473	110505	1102876	110505	1103052	110233
1101832	111388	1102474	110233	1102877	110505	1103053	110505
1101843	111090	1102475	110233	1102878	110233	1103054	110505
1101846	111388	1102476	110233	1102879	110505	1103055	110505
1101924	110235	1102477	110505	1102880	110233	1103056	110233
1101925	110235	1102478	110233	1102881	110505	1103057	110233
1101951	113142	1102479	110233	1102882	110233	1103058	110233
1101967	113598	1102480	110233	1102883	110233	1103059	110233
1101986	113142	1102481	110505	1102884	110233	1103060	110233
1101987	111388	1102482	110233	1102885	110233	1103061	110233
1101996	113598	1102483	110505	1102886	110233	1103062	110233
1101997	113598	1102484	110233	1102887	110505	1103063	110233
1101998	113142	1102485	110505	1102888	110233	1103064	110233
1102188	110505	1102486	110233	1102889	110233	1103065	110233
1102210	110505	1102487	110233	1102891	110233	1103066	110233
1102228	110505	1102488	110233	1102892	110233	1103067	110233
1102287	110505	1102489	110505	1102893	110233	1103068	110233
1102311	110505	1102490	110233	1102894	110233	1103069	110505
1102329	110505	1102491	110505	1102895	110233	1103070	110233
1102337	110505	1102492	110505	1102896	110505	1103071	110505
1102343	110233	1102493	110233	1102897	110233	1103072	110508
1102344	110505	1102494	110233	1102898	110505	1103073	110233
1102345	110508	1102495	110233	1102899	110233	1103074	110233
1102346	110233	1102496	111250	1102900	110505	1103075	110505
1102347	110233	1102497	110233	1102901	110233	1103076	110233
1102349	110505	1102498	110233	1102902	110233	1103078	110233
1102350	110233	1102499	110505	1102903	110233	1103078	110505
1102351	110233	1102500	110233	1102904	110233	1103079	110505
1102352	110233	1102548	110233	1102905	110233	1103082	110233
1102353	110233	1102549	110233	1102906	110233	1103083	110233
1102354	110233	1102550	110233	1102907	110508	1103084	110233

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1103085	110233	1103174	110505	1105183	110508	1105471	112303
1103086	110233	1103175	110505	1105185	110233	1105474	110300
1103087	110233	1103180	110508	1105186	110235	1105475	110300
1103088	110233	1103182	110233	1105188	110505	1105476	110300
1103089	110233	1103183	110505	1105189	110235	1105478	111250
1103090	110233	1103184	110505	1105193	110505	1105479	110492
1103091	110233	1103186	110233	1105195	110233	1105481	110492
1103092	110233	1103187	110505	1105196	110235	1105492	113767
1103093	110233	1103188	110505	1105197	110235	1105493	110471
1103094	110233	1103189	110508	1105198	110235	1105494	110508
1103095	110233	1103190	110325	1105199	110235	1105495	110471
1103096	110233	1103195	110233	1105200	110235	1105496	110471
1103097	110505	1103196	110505	1105243	110235	1105497	110492
1103098	110505	1103197	110233	1105244	110505	1105499	112988
1103099	110505	1103198	110233	1105245	110508	1105506	110471
1103100	110233	1103199	110233	1105246	110235	1105507	110471
1103101	110505	1105022	110508	1105249	110235	1105509	110492
1103102	110233	1105023	110508	1105250	110235	1105510	110952
1103103	110233	1105025	110508	1105328	110235	1105511	110508
1103104	110505	1105029	110508	1105330	110235	1105512	110235
1103105	110233	1105033	110233	1105332	110235	1105513	110492
1103106	110233	1105034	110508	1105333	110235	1105514	110505
1103108	110233	1105036	110508	1105335	110235	1105515	110492
1103109	110505	1105041	110508	1105339	110235	1105516	110508
1103110	110233	1105043	110505	1105342	110235	1105520	110505
1103111	110233	1105044	110508	1105343	110235	1105521	110508
1103112	110233	1105045	110508	1105345	112448	1105522	110505
1103116	110505	1105046	110508	1105346	110235	1105523	110508
1103117	110233	1105047	110508	1105347	110235	1105535	111713
1103118	110505	1105048	110508	1105348	110233	1105536	111713
1103119	110233	1105049	110508	1105351	110505	1105537	110952
1103120	110233	1105050	110505	1105354	110492	1105538	111713
1103121	110233	1105056	110233	1105356	110492	1105539	111713
1103122	110233	1105058	110508	1105357	110505	1105540	111713
1103123	110952	1105059	110508	1105360	110233	1105541	110471
1103124	110505	1105060	110508	1105361	110505	1105542	110471
1103125	110505	1105063	110325	1105362	110505	1105543	110471
1103126	110505	1105066	110505	1105363	110505	1105544	110471
1103127	110505	1105067	110233	1105365	110233	1105545	110471
1103128	110505	1105068	110505	1105366	110492	1105547	110471
1103130	110505	1105069	110505	1105371	110508	1105549	110492
1103131	110505	1105070	110505	1105372	110508	1105552	110235
1103133	110505	1105072	110505	1105402	110471	1105553	110492
1103134	110325	1105073	110504	1105415	110235	1105555	110508
1103135	110505	1105074	110505	1105418	111713	1105556	110505
1103138	110505	1105075	110508	1105419	110505	1105558	110505
1103139	110505	1105076	110325	1105420	110505	1105559	110505
1103140	110233	1105078	110233	1105421	110505	1105560	111713
1103141	110505	1105079	110505	1105422	110505	1105561	110471
1103142	110233	1105080	110505	1105423	110505	1105562	110471
1103143	110233	1105081	110508	1105424	110505	1105564	110508
1103144	110505	1105082	110508	1105425	110508	1105565	110471
1103145	110233	1105083	110508	1105426	110508	1105566	110471
1103146	110233	1105084	110508	1105427	110505	1105567	110471
1103147	110233	1105085	110492	1105428	110471	1105568	110471
1103148	110505	1105091	110508	1105429	110505	1105569	110471
1103149	110505	1105092	110508	1105433	110235	1105570	110492
1103150	110505	1105098	110505	1105434	110505	1105571	110492
1103151	110505	1105160	110505	1105441	110471	1105572	110471
1103152	110505	1105161	110505	1105442	110471	1105573	110505
1103153	110233	1105162	110505	1105443	110471	1105574	110505
1103154	110505	1105163	110505	1105444	110471	1105576	110508
1103155	110233	1105164	110505	1105445	110471	1105577	112448
1103156	110233	1105165	110505	1105446	110471	1105578	110234
1103157	110233	1105166	110505	1105447	110471	1105579	111713
1103158	110505	1105167	110505	1105449	110471	1105580	110508
1103159	110505	1105168	110505	1105451	110492	1105581	110471
1103160	110505	1105169	110505	1105457	113711	1105582	110471
1103161	110233	1105170	110505	1105460	112260	1105584	110505
1103162	110505	1105171	110505	1105461	112303	1105587	110492
1103163	110233	1105172	110505	1105462	112260	1105588	110508
1103165	110505	1105173	110505	1105463	112260	1105590	110508
1103166	110505	1105174	110505	1105464	112260	1105591	110508
1103168	110233	1105175	110505	1105465	112260	1105592	110471
1103169	110233	1105176	110505	1105466	112303	1105594	110508
1103170	110233	1105177	110505	1105467	112260	1105597	110508
1103171	110505	1105178	110505	1105468	112303	1105599	110508
1103172	110505	1105181	110505	1105469	112260	1105600	110508
1103173	110505	1105182	110508	1105470	112260	1105602	110471

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1105603	110508	1107260	112897	1108382	111258	1108918	110216
1105604	110471	1107287	110506	1108383	110218	1109022	110218
1105606	113767	1107289	111258	1108386	110218	1109025	110216
1105607	110508	1107293	110218	1108387	110218	1109026	110218
1105608	110508	1107294	110218	1108389	110218	1109029	111258
1105609	111713	1107295	110506	1108391	112897	1109036	110216
1105610	110508	1107298	110218	1108400	111258	1109038	112897
1105611	110508	1107299	110218	1108418	111258	1109052	110216
1105612	112126	1107301	112897	1108421	110469	1109056	110216
1105619	110505	1107302	112897	1108422	110506	1109057	110216
1105620	110508	1107306	112897	1108423	110506	1109059	111258
1105621	110508	1107308	111190	1108427	110216	1109061	112897
1105623	110508	1107320	112897	1108428	110216	1109062	110216
1105624	110508	1107330	110218	1108429	110216	1109064	111034
1105627	110508	1107335	113172	1108430	110216	1109065	110216
1105628	110508	1107336	112897	1108434	110218	1109066	110216
1105629	110471	1107342	111258	1108435	110218	1109067	111258
1105630	110471	1107355	110218	1108436	110218	1109068	110216
1105632	110233	1107365	111258	1108439	112897	1109072	110218
1105633	110508	1107370	112897	1108443	113172	1109074	111258
1105635	110508	1107373	112897	1108445	110218	1109087	111190
1105637	112448	1107374	112897	1108446	110218	1109088	111190
1105639	110492	1107377	110468	1108448	112897	1109090	110468
1105645	110505	1107378	110468	1108450	111258	1109091	110468
1105647	110508	1107379	111190	1108477	112897	1109093	110469
1105648	113767	1107388	111258	1108479	112897	1109095	110506
1105649	110233	1107391	112897	1108480	110216	1109098	110491
1105650	110508	1107396	110218	1108481	110216	1109192	110590
1105651	110471	1107399	112897	1108493	113172	1109199	110953
1105652	110508	1107400	112897	1108495	110218	1109219	112341
1105653	110508	1107496	112897	1108496	112897	1109222	110347
1105654	110471	1107514	110590	1108498	110218	1109251	111221
1105657	112880	1107539	110590	1108500	110218	1109253	110590
1105658	112988	1107540	112268	1108501	110216	1109261	110590
1105661	110984	1107557	110472	1108502	110216	1109263	110590
1105662	112126	1107567	110604	1108503	112897	1109272	110604
1105663	112126	1107577	111221	1108505	110491	1109276	113384
1105664	112126	1107580	111041	1108506	112897	1109281	113384
1105665	112126	1107582	110472	1108508	111190	1109282	113384
1105673	110508	1107587	110604	1108511	111259	1109285	110347
1105674	110508	1107588	110602	1108512	112897	1109286	110347
1105675	110508	1107596	112897	1108513	110216	1109287	110347
1105676	110508	1107599	111221	1108516	110218	1109288	110347
1105677	110502	1107652	110218	1108517	110218	1109289	110347
1105678	110502	1107655	111260	1108519	110218	1109290	110347
1105681	110492	1107681	111260	1108521	112897	1109291	110347
1105686	110505	1107709	112233	1108597	112897	1109292	110347
1105689	110984	1107710	112233	1108692	110602	1109293	110347
1105690	112988	1107711	111258	1108694	110953	1109294	112254
1105691	110508	1107781	110216	1108696	110588	1109296	110347
1105692	110508	1107862	112660	1108745	110216	1109298	110999
1105693	110234	1107863	111221	1108746	110216	1109299	112254
1105694	111388	1107867	112660	1108747	110216	1109356	112233
1105697	110503	1107871	111221	1108748	110216	1109358	112233
1105698	111388	1107872	110590	1108755	111277	1109364	112897
1105701	110503	1108026	110218	1108756	111277	1109365	112897
1105703	110508	1108197	110468	1108758	110218	1109369	112232
1105704	110508	1108224	110218	1108759	110218	1109385	110347
1105705	110508	1108225	110218	1108762	112897	1109415	112897
1105706	110508	1108226	110218	1108765	110218	1109418	113172
1105707	110508	1108278	112233	1108766	110218	1109420	112007
1105708	110508	1108331	112897	1108770	112897	1109422	111190
1105710	112337	1108333	110218	1108774	112897	1109423	113172
1105711	112629	1108335	110218	1108776	111034	1109430	111259
1105715	112629	1108338	111258	1108777	112897	1109431	110218
1105718	112635	1108348	110218	1108778	110216	1109439	113172
1105720	112635	1108349	110218	1108779	110216	1109446	111260
1105722	112621	1108351	112897	1108780	110216	1109482	110216
1107194	110506	1108353	110218	1108781	110216	1109484	112233
1107196	110218	1108361	112897	1108782	110216	1109485	112232
1107203	110469	1108363	112897	1108788	111258	1109486	111277
1107204	110506	1108365	112897	1108790	112897	1109487	111277
1107205	110506	1108366	112897	1108794	110218	1109488	111277
1107209	110491	1108367	112897	1108795	110216	1109489	111277
1107237	112897	1108371	112897	1108796	110216	1109490	111277
1107242	112897	1108373	112233	1108797	112897	1109494	110347
1107247	112897	1108374	112232	1108798	110216	1109521	110414
1107248	112897	1108375	112897	1108799	111258	1109524	110414
1107259	112897	1108380	112897	1108857	111000	1109526	110221

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1109530.....	110221	1109989.....	110346	1113745.....	111000	1113926.....	111000
1109534.....	110414	1113248.....	112668	1113748.....	111000	1113928.....	110999
1109538.....	110221	1113256.....	110799	1113749.....	111000	1113929.....	111000
1109540.....	111222	1113266.....	112341	1113778.....	111000	1113930.....	110999
1109550.....	111041	1113267.....	112341	1113781.....	111000	1113934.....	110999
1109551.....	112909	1113269.....	112341	1113783.....	111000	1113935.....	111000
1109553.....	110347	1113270.....	112341	1113792.....	111000	1113941.....	111000
1109560.....	110221	1113271.....	111221	1113800.....	111000	1113942.....	110999
1109563.....	112341	1113272.....	113007	1113809.....	111000	1113943.....	110999
1109564.....	112911	1113273.....	110602	1113811.....	110999	1113944.....	111000
1109568.....	111259	1113274.....	112268	1113813.....	111000	1113948.....	111000
1109597.....	112897	1113275.....	111041	1113814.....	111000	1113949.....	110999
1109627.....	113384	1113276.....	112267	1113815.....	111000	1113950.....	110999
1109631.....	110347	1113277.....	111760	1113817.....	110999	1113951.....	111000
1109633.....	112254	1113278.....	111041	1113818.....	111000	1113952.....	111000
1109635.....	110346	1113279.....	110604	1113820.....	111000	1113955.....	111000
1109636.....	110347	1113280.....	110604	1113823.....	111000	1113956.....	111000
1109638.....	110347	1113281.....	110590	1113824.....	111000	1113957.....	111000
1109641.....	112254	1113282.....	110590	1113825.....	111000	1113958.....	111000
1109642.....	110347	1113284.....	112668	1113827.....	110999	1113959.....	110999
1109643.....	110347	1113285.....	111383	1113828.....	111000	1113960.....	110999
1109644.....	112254	1113288.....	111222	1113831.....	111000	1113962.....	110999
1109647.....	110347	1113290.....	112268	1113834.....	111000	1113965.....	111000
1109649.....	110347	1113291.....	111760	1113835.....	111000	1113966.....	111000
1109661.....	110347	1113292.....	112267	1113836.....	111000	1113967.....	110999
1109702.....	111000	1113294.....	111760	1113840.....	110999	1113968.....	111000
1109704.....	111000	1113295.....	112341	1113842.....	111000	1113969.....	110999
1109723.....	111000	1113296.....	112341	1113844.....	111000	1113970.....	111000
1109745.....	111000	1113353.....	112243	1113845.....	111000	1113971.....	111000
1109755.....	110347	1113370.....	112243	1113846.....	111000	1113972.....	111000
1109759.....	110347	1113371.....	112243	1113847.....	111000	1113973.....	111000
1109760.....	111000	1113402.....	111224	1113849.....	111000	1113975.....	111000
1109762.....	111000	1113403.....	112243	1113850.....	111000	1113976.....	111000
1109765.....	111000	1113436.....	112243	1113851.....	111000	1113977.....	111000
1109768.....	110347	1113479.....	112243	1113853.....	110999	1113978.....	111000
1109769.....	113384	1113481.....	112243	1113855.....	111000	1113980.....	111000
1109771.....	110347	1113488.....	110436	1113858.....	111000	1113981.....	111000
1109772.....	110347	1113494.....	112243	1113859.....	111000	1113982.....	110999
1109773.....	110347	1113510.....	110241	1113860.....	111000	1113983.....	111000
1109774.....	110347	1113518.....	110241	1113861.....	111000	1113989.....	111000
1109775.....	110347	1113534.....	112243	1113862.....	111000	1113990.....	110999
1109776.....	110347	1113535.....	112243	1113866.....	111000	1113991.....	111000
1109777.....	110347	1113536.....	112243	1113868.....	111000	1113992.....	110999
1109778.....	110347	1113541.....	112243	1113872.....	111000	1113993.....	110999
1109780.....	110347	1113552.....	110241	1113876.....	111000	1113994.....	111000
1109782.....	110347	1113553.....	110241	1113877.....	111000	1113995.....	111000
1109787.....	110347	1113569.....	110241	1113878.....	111000	1113997.....	111000
1109788.....	110347	1113577.....	110241	1113880.....	111000	1113998.....	110999
1109789.....	110347	1113589.....	112341	1113883.....	111000	1113999.....	111000
1109791.....	110347	1113590.....	112341	1113884.....	111000	1114002.....	112089
1109793.....	112254	1113591.....	113435	1113885.....	111000	1114009.....	112089
1109794.....	110346	1113593.....	112267	1113887.....	111000	1114012.....	112089
1109798.....	110347	1113594.....	111760	1113890.....	111000	1114022.....	112089
1109831.....	110999	1113597.....	112268	1113892.....	111000	1114025.....	112089
1109832.....	110346	1113639.....	111007	1113893.....	111000	1114041.....	112089
1109833.....	110347	1113640.....	111224	1113894.....	111000	1114051.....	112089
1109834.....	110347	1113641.....	111224	1113895.....	111000	1114052.....	112258
1109835.....	112254	1113644.....	111224	1113898.....	111000	1114054.....	112089
1109836.....	110347	1113645.....	112089	1113899.....	111000	1114055.....	112089
1109838.....	110347	1113650.....	111224	1113900.....	111000	1114056.....	112089
1109839.....	110347	1113651.....	111224	1113901.....	110999	1114058.....	112089
1109840.....	110347	1113652.....	110569	1113902.....	111000	1114064.....	112089
1109841.....	110347	1113653.....	111224	1113903.....	111000	1114067.....	112089
1109842.....	110347	1113656.....	111224	1113904.....	110999	1114072.....	112089
1109845.....	110347	1113660.....	111007	1113905.....	111000	1114073.....	112089
1109846.....	110347	1113672.....	111224	1113906.....	111000	1114074.....	112089
1109861.....	111000	1113676.....	111224	1113908.....	111000	1114076.....	112089
1109960.....	110347	1113683.....	110569	1113910.....	110999	1114077.....	112258
1109961.....	110347	1113706.....	111000	1113911.....	111000	1114078.....	112089
1109965.....	110347	1113707.....	111000	1113912.....	111000	1114081.....	112089
1109969.....	112254	1113708.....	111000	1113913.....	111000	1114082.....	112089
1109971.....	110347	1113709.....	111000	1113914.....	111000	1114084.....	112089
1109972.....	110347	1113710.....	111000	1113915.....	111000	1114085.....	112089
1109973.....	110347	1113713.....	111000	1113916.....	111000	1114086.....	112089
1109977.....	110347	1113717.....	111000	1113919.....	110999	1114087.....	112089
1109978.....	110347	1113726.....	111000	1113920.....	111000	1114088.....	112089
1109979.....	110347	1113738.....	111000	1113923.....	110999	1114090.....	112089
1109986.....	110347	1113739.....	111000	1113924.....	111000	1114091.....	112089
1109987.....	110347	1113741.....	111000	1113925.....	111000	1114092.....	112089

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1114095	112089	1114725	112089	1114878	111000	1117238	110591
1114096	112089	1114726	112089	1114879	111000	1117239	111261
1114098	112089	1114727	111000	1114880	111000	1117243	111261
1114099	112089	1114728	111000	1114882	110436	1117246	112263
1114101	112258	1114729	110999	1114883	110436	1117248	111261
1114102	112089	1114730	111000	1114885	110436	1117249	110591
1114107	112089	1114735	110999	1114888	110436	1117250	111261
1114109	110436	1114737	111000	1114889	112089	1117253	111261
1114110	110436	1114738	111000	1114890	112089	1117256	110591
1114111	112089	1114740	110999	1114891	112089	1117258	111261
1114113	112089	1114741	112089	1114892	112089	1117274	112998
1114114	110436	1114742	110999	1114893	112089	1117280	112998
1114115	112089	1114747	112089	1114894	112089	1117481	112262
1114118	112089	1114748	110436	1114895	112089	1117483	112262
1114119	112089	1114749	112089	1114896	112089	1117484	112262
1114122	112089	1114750	112089	1114897	112089	1117485	112262
1114124	112089	1114751	112089	1114898	112089	1117611	112989
1114126	112089	1114752	112089	1114899	112089	1117612	112989
1114127	110436	1114754	110436	1114900	112089	1117613	112989
1114128	112089	1114755	111000	1114901	111000	1117615	110801
1114129	110436	1114756	111000	1114903	111000	1117618	112989
1114130	112089	1114759	110999	1114904	112258	1117619	110801
1114131	112089	1114760	111000	1114905	110999	1117620	112989
1114133	112089	1114761	112089	1114906	112089	1117621	112989
1114136	110436	1114762	111000	1114907	112089	1117622	110801
1114138	110436	1114766	112089	1114909	111000	1117623	110801
1114139	110436	1114767	110999	1114910	110999	1117628	112989
1114140	112089	1114769	112089	1114911	110436	1117640	110801
1114141	110436	1114770	112258	1114913	112089	1117641	112989
1114143	112089	1114771	112258	1114914	110999	1117642	110801
1114144	110436	1114775	112258	1114915	111000	1117643	110801
1114145	112089	1114776	111000	1114916	111000	1117644	110801
1114148	112089	1114777	110999	1114917	110999	1117645	110801
1114149	112089	1114789	112258	1114920	112258	1117647	110801
1114150	112089	1114790	111000	1114923	111000	1117648	110591
1114151	110436	1114791	112089	1114927	112258	1117650	110801
1114152	110436	1114793	110999	1114928	112089	1117655	110801
1114153	110436	1114796	112258	1114934	112258	1117733	112263
1114156	110436	1114799	112089	1114935	111000	1117734	112261
1114157	112089	1114802	110436	1114936	112258	1117735	110937
1114158	110436	1114805	110999	1114937	112089	1117743	110937
1114162	110436	1114812	112089	1114941	112089	1117744	112262
1114164	112089	1114813	112089	1114944	112258	1117746	112261
1114165	112089	1114814	112089	1114945	110999	1117801	112264
1114167	110436	1114815	112089	1114946	112089	1117805	112261
1114168	112258	1114816	112089	1114947	111000	1117809	112264
1114169	110436	1114819	110347	1114949	110999	1117811	112264
1114170	112089	1114820	112089	1114950	111000	1117812	112264
1114172	112089	1114823	110436	1114951	111000	1117813	112264
1114174	110436	1114824	110436	1114953	110999	1117814	112262
1114175	110436	1114825	110436	1114958	111000	1117816	112264
1114179	112089	1114826	110436	1114961	112089	1117817	112265
1114180	112089	1114827	110436	1114963	111000	1117828	112265
1114185	112089	1114828	110436	1114964	111000	1117836	112265
1114186	112089	1114832	110436	1114967	110436	1117846	112261
1114187	112089	1114833	110436	1114968	110999	1117880	111232
1114188	112089	1114834	110436	1114970	111000	1117885	112994
1114189	112089	1114835	110436	1114971	112089	1117886	112994
1114190	110436	1114842	111000	1114977	110436	1117887	112994
1114193	112089	1114843	110999	1114978	112089	1117889	112993
1114194	112089	1114844	111000	1114979	111000	1117890	112994
1114197	112089	1114845	110999	1114980	110999	1117891	112996
1114199	110436	1114846	111000	1114983	112089	1117892	112994
1114703	110436	1114847	111000	1114984	112089	1117894	111232
1114704	110436	1114848	111000	1114985	112089	1117896	112991
1114705	110436	1114849	111000	1114987	111000	1117897	112160
1114706	110999	1114850	111000	1114989	110999	1117898	112996
1114708	110436	1114851	111000	1117067	112262	1117899	112991
1114709	110346	1114852	111000	1117068	112262	1117900	112160
1114710	111000	1114853	111000	1117069	110591	1117904	112991
1114711	110999	1114854	111000	1117147	110937	1117905	112994
1114712	110999	1114855	111000	1117148	110937	1117906	111232
1114714	110436	1114856	110999	1117160	110937	1117907	111232
1114715	111000	1114859	110999	1117226	111261	1117908	112991
1114716	112089	1114860	110999	1117229	111261	1117909	112995
1114720	112089	1114872	110999	1117230	111261	1117910	112995
1114722	112089	1114873	111000	1117233	112263	1117911	111232
1114723	112089	1114874	111000	1117236	111261	1117912	111232
1114724	110436	1114875	111000	1117237	112263	1117914	112993

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1117915	112992	1990264	110347	1990403	110436	1993785	112258
1117916	113432	1990266	110347	1990408	114630	1993789	113123
1117917	112995	1990268	110347	1990409	111000	1993790	111224
1117919	112995	1990269	110347	1990410	111000	1993794	112255
1117920	112995	1990270	110347	1990411	111000	1993795	110436
1117921	112995	1990271	110347	1990412	111000	1993796	110999
1117922	112995	1990272	110347	1990413	110999	1993797	110999
1117924	113432	1990273	110347	1990414	110999	1993799	111224
1117925	111232	1990274	110347	1990416	111000	1993802	111000
1117928	112991	1990276	110347	1990418	111000	1993803	112089
1117929	111232	1990279	111000	1990420	112089	1993804	110999
1117931	111232	1990281	110436	1990422	111000	1993805	111000
1117933	113432	1990282	111000	1990423	112089	1993806	110436
1117934	112995	1990283	110999	1990424	112089	1993807	112089
1117941	112996	1990284	110347	1990425	110436	1993808	110999
1117942	111232	1990290	110436	1990426	113153	1993810	111000
1117943	112996	1990297	110999	1990427	114630	1993811	110436
1117947	111232	1990300	110999	1990429	110436	1993814	110999
1117948	113432	1990304	110436	1990432	110999	1993815	110999
1117949	111232	1990306	112089	1990433	110999	1993816	112089
1117950	111232	1990308	113123	1990437	111000	1993819	112255
1117951	111232	1990309	111224	1990438	112258	1993820	110436
1117952	113432	1990310	112255	1990441	110436	1993831	113695
1117953	111232	1990313	112255	1990443	110436	1993833	110999
1117954	111232	1990315	111224	1990452	110436	1993836	113153
1117955	111232	1990316	112255	1990453	110999	1993840	110347
1117956	111232	1990317	112255	1990455	110999	1993842	111000
1117957	112993	1990318	111224	1990456	111000	1993850	113123
1117958	112993	1990319	112255	1990458	112089	1993854	113125
1117959	112993	1990323	112089	1990460	111000	1993855	113123
1117961	112996	1990324	110999	1990466	110436	1993869	112255
1117962	112993	1990325	110436	1990468	112089	1993871	112255
1117964	112995	1990326	111224	1990469	110436	1993874	112255
1117965	111232	1990330	112243	1990470	112089	1993879	114325
1117966	111232	1990332	112243	1990471	110436	1993881	111224
1831810	113728	1990333	113384	1990474	110999	1993885	111007
1876552	111258	1990337	112089	1990475	112089	1993886	111224
1901158	113001	1990343	110999	1990476	110436	1993894	111224
1901160	113001	1990344	111000	1990477	112089	1993901	112243
1955603	110216	1990347	113125	1990478	112089	1993902	112243
1970445	111258	1990348	112089	1990480	110436	1993903	112169
1972724	112448	1990352	112089	1990483	112089	1993909	112243
1979857	110508	1990353	110436	1990484	113153	1993910	112243
1979858	110508	1990354	112089	1990485	111000	1993918	113695
1979859	110508	1990356	110436	1990487	110436	1993924	111000
1979860	110233	1990357	110999	1990490	112089	1993931	112255
1979861	110233	1990358	112089	1990491	111000	1993935	110436
1979862	110233	1990359	110999	1990492	110436	1993937	110436
1979863	110233	1990360	110999	1990493	111000	1993938	110436
1979865	110233	1990361	111000	1990495	112089	1993939	110436
1979866	110233	1990362	110436	1990496	110436	1993942	110436
1979867	110233	1990363	112089	1990497	110999	1993943	110436
1988430	110221	1990364	110999	1990499	112256	1993945	110999
1988723	110221	1990366	110999	1990703	110436	1993954	112169
1990202	111000	1990367	110999	1990719	111786	1993961	110436
1990204	110999	1990368	111000	1990809	110999	1993963	113126
1990205	110436	1990370	110436	1990838	111000	1993974	112255
1990219	110436	1990373	110999	1993700	111000	1993980	113333
1990220	110436	1990374	110436	1993701	112256	1993983	110436
1990221	110436	1990375	112089	1993704	110999	1993986	112256
1990224	112089	1990376	112089	1993705	111224	1993988	111224
1990226	113384	1990377	112258	1993707	112243	1998210	111190
1990227	112254	1990378	111000	1993712	111224	1998211	110216
1990229	110347	1990379	110436	1993713	112255	1998213	112897
1990231	110347	1990382	111000	1993719	112255	1998217	110216
1990235	110347	1990383	111000	1993729	112243	1998222	110216
1990237	110347	1990384	111000	1993732	112243	1998223	110216
1990238	112254	1990385	110436	1993738	113123	1998225	111258
1990239	110347	1990386	112089	1993741	112256	1998226	110216
1990241	110346	1990387	110436	1993754	111224	1998227	112897
1990246	113384	1990388	111000	1993756	114325	1998234	112897
1990248	110347	1990390	111000	1993759	113123	1998235	112897
1990249	110347	1990391	113153	1993762	111224	1998236	112897
1990250	110347	1990393	113153	1993763	112255	1998238	110216
1990251	110347	1990394	110436	1993767	113125	1998241	110216
1990259	110347	1990398	112089	1993769	111224	1998242	110216
1990260	110347	1990399	110436	1993772	110436	1998243	110216
1990262	110347	1990400	112089	1993775	110436	1998244	110216
1990263	110347	1990402	110999	1993778	112255	1998246	110216

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1998247	110216	1998514	110221	3472061	113376	8200022	114330
1998253	110216	1998515	110221	3472065	110914	8200023	114325
1998266	110468	1998516	112897	3472066	111168	8200029	114013
1998267	110468	1998520	112911	3472067	110972	8200032	114330
1998269	110469	1998521	110221	3472068	110972	8200033	113550
1998270	110469	1998522	112267	3472069	112056	8200034	114330
1998271	110506	1998523	112911	3472070	111800	8200037	113918
1998274	110491	1998524	111034	3472082	111166	8200039	114330
1998280	112233	1998526	110221	3472104	113376	8200040	113550
1998281	110469	1998527	112910	3472105	111166	8200041	114330
1998282	112233	1998529	112909	3472106	111166	8200058	113915
1998295	112007	1998530	110221	3472120	111169	8200075	114500
1998305	111259	1998533	112911	3472121	111169	8200077	114325
1998313	111260	1998538	113102	3472130	112056	8200078	114326
1998314	111786	1998544	110221	3472134	111178	8200082	113917
1998315	112233	1998548	112910	3472139	111166	8200084	113917
1998316	112232	1998557	112897	3472144	112056	8200086	114013
1998317	111277	1998558	110216	3472152	112056	8200138	111982
1998318	111277	1998560	110216	3472170	112751	8200308	114148
1998330	110590	1998561	110216	3472171	112751	8200321	114331
1998334	110604	1998562	110216	3472188	111800	8200433	114148
1998335	110590	1998564	112897	3472204	113376	8200519	113851
1998336	111041	1998566	110216	3472206	110914	8300016	114330
1998337	110472	1998568	110216	3472208	111168	8300018	114330
1998338	110604	1998569	110216	3472220	110914	8300022	114499
1998339	110602	1998570	110216	3472275	110925	8300023	114326
1998340	112268	1998574	110216	3472641	112056	8300024	114325
1998342	110590	1998576	111049	3472706	111166	8300026	114500
1998350	112268	1998577	112897	3491190	111055	8600009	114536
1998351	112269	1998578	113103	3493204	113376	8600015	114359
1998357	112268	1998579	110218	3493214	112165	8600032	114536
1998359	110590	1998580	111277	3493220	111169	8600043	114534
1998363	110953	1998583	110216	3493225	112416	8600055	114359
1998373	112268	1998584	110216	3493230	112056	8600060	114359
1998376	110590	1998589	110216	3493234	111178	8600064	114580
1998378	110604	1998590	110216	3493239	111166	8600065	114579
1998383	111041	1998591	112897	3493244	112056	8600066	114578
1998387	111041	1998599	112233	3493273	112720	8600068	114536
1998389	111222	2191166	111647	3493409	111426	8600071	114574
1998394	110604	3182972	110509	3493454	111514	8600072	114575
1998396	112897	3471143	110364	3493455	111514	8600073	114359
1998400	112897	3471150	111055	3493459	112416	8600082	114575
1998401	112341	3471155	111056	3493604	111166	8600125	114574
1998404	112233	3471163	110364	3493606	111166	8600126	114575
1998405	112232	3471168	111055	3493619	111168	8600127	114359
1998408	112267	3471169	111127	3493620	111800	8600142	114536
1998409	110604	3471170	111122	3493621	111169	8600143	114534
1998421	112233	3471171	110364	3493634	111178	8600151	114536
1998423	112267	3471172	111055	3493639	111166	8600163	114536
1998427	111034	3471173	111127	3493641	112056	8600167	114534
1998429	112911	3471174	111122	3493704	112805	8600168	114534
1998435	112897	3471177	111055	3493706	112775	8600171	114359
1998436	110216	3471214	110972	3493714	111166	8600177	114575
1998437	110216	3471371	111055	3493715	112805	8600178	114359
1998438	110216	3471377	111056	3493716	111166	8600203	114359
1998439	110216	3471390	110364	3493717	112775	8600307	114538
1998440	110216	3471393	111055	3493719	111168	8600308	114538
1998441	110216	3471394	111056	3493721	111169	8600311	114538
1998442	112341	3471396	110839	3493734	111178	8600313	114351
1998447	112909	3471850	111122	3493739	111166	8600402	114534
1998448	110221	3472014	110925	3493741	112056	8600403	114534
1998450	110221	3472021	111364	3493791	112056	8600404	114534
1998456	112267	3472022	113376	3493814	111514	8600479	114271
1998457	112267	3472023	111656	3493823	111426	8700001	114578
1998460	112233	3472024	113376	3493824	111426	8700003	114579
1998466	112910	3472026	111656	3493847	112229	8700006	114579
1998467	110216	3472032	110925	3493848	112229	8700008	114534
1998468	112268	3472035	110925	3493855	111514	8700009	114536
1998480	110590	3472037	111656	3493914	111514	8700010	114536
1998481	111041	3472038	113376	3493923	111426	8700011	114536
1998484	112268	3472039	113376	3493927	111426	8700012	114534
1998488	111760	3472048	111656	3493955	111514	8700013	114534
1998490	112267	3472049	113376	8000004	114431	8700016	114580
1998502	112911	3472050	110972	8000174	113659	8700017	114579
1998503	112911	3472051	111168	8000180	114341	8700018	114578
1998504	112911	3472052	110972	8000193	111699	8700021	114536
1998506	112267	3472053	110914	8000282	111786	8700023	114580
1998510	112911	3472058	110925	8200007	114499	8700025	114579
1998513	111786	3472059	111656	8200010	113682	8700027	114579

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
8700028	114580	9000910	112241	10459054	111232	10459547	112996
8700029	114579	9000925	112902	10459059	112996	10459607	114579
8700030	114578	9000926	112905	10459061	111261	10459608	114578
8700039	114359	9000934	114341	10459062	110591	10459610	114579
8700040	114359	9000939	112902	10459063	112998	10459613	114579
8700041	114575	9000967	114341	10459064	111261	10461005	113123
8700045	114574	10327068	114140	10459065	112998	10461006	113125
8700046	114575	10327069	114140	10459066	112998	10461008	112255
8700047	114359	10436058	110508	10459068	112998	10461011	113125
9000700	111127	10442782	114140	10459071	110591	10461021	110436
9000719	111786	10442783	114140	10459072	111261	10461022	112258
9000725	111786	10455003	113102	10459074	112998	10461024	111000
9000735	111786	10455004	110221	10459076	110591	10461025	110999
9000751	111127	10455006	110221	10459099	112998	10461028	113153
9000756	111127	10455010	112911	10459101	112998	10461030	111000
9000758	111127	10455011	111034	10459105	112994	10461031	110999
9000761	111786	10455012	112913	10459109	112994	10461032	110436
9000762	111786	10455013	111034	10459111	112996	10461033	112089
9000763	111699	10455016	111034	10459132	112998	10461034	110436
9000768	111786	10455017	110221	10459133	111232	10461038	112089
9000772	111127	10455019	112911	10459134	112994	10461039	111224
9000773	112897	10455021	112909	10459135	112996	10461042	112089
9000775	112904	10455023	112911	10459137	111261	10461043	111000
9000776	112898	10455024	110221	10459141	113002	10461044	113123
9000781	111055	10455025	112911	10459142	113002	10461045	112089
9000785	111127	10455042	111034	10459143	113001	10461046	110436
9000786	112240	10455048	112911	10459144	113001	10461047	111000
9000789	111786	10455050	111034	10459145	113003	10461050	110436
9000791	111127	10455053	112911	10459148	110591	10461051	110436
9000795	111123	10455054	111034	10459155	112996	10461052	112089
9000797	112898	10455055	112911	10459156	113002	10461053	112089
9000798	112897	10455060	112911	10459157	112994	10461054	111000
9000801	111684	10455065	112912	10459158	112994	10461055	113153
9000802	111127	10455066	112898	10459159	112996	10461057	110347
9000804	112907	10455069	112911	10459160	113002	10461059	112258
9000805	112904	10455070	111034	10459174	112994	10461067	112089
9000806	112898	10455076	112913	10459175	112996	10461068	111000
9000812	113006	10455081	112911	10459176	113002	10461075	112089
9000819	111786	10455300	112897	10459177	112994	10461076	112089
9000820	111699	10455301	110216	10459178	112996	10461077	112089
9000821	111786	10455304	110469	10459179	113002	10461080	114416
9000822	111699	10455305	110216	10459180	113002	10461081	113126
9000827	112908	10455306	110216	10459181	113002	10461089	112255
9000833	112900	10455308	110216	10459182	113001	10461107	110999
9000834	112906	10455332	111190	10459183	113001	10461114	112089
9000836	112901	10455340	110469	10459184	113003	10461125	110347
9000837	112902	10455343	110216	10459188	112824	10461126	112089
9000839	112239	10455355	110469	10459189	112824	10461127	112089
9000840	112239	10455503	111849	10459190	112824	10461133	112258
9000841	112241	10455506	111123	10459191	112824	10461136	110999
9000842	112902	10455513	112546	10459192	112824	10461141	114416
9000847	112900	10455516	112546	10459193	112824	10461178	112089
9000850	111699	10455600	112233	10459194	113001	10461179	111000
9000851	111786	10455601	112233	10459195	113002	10461184	111000
9000853	112906	10455602	112232	10459198	113004	10461185	112089
9000854	112902	10455603	110216	10459200	112989	10461194	112258
9000856	112899	10455702	113103	10459205	112834	10461206	114630
9000857	112901	10455703	112582	10459206	113004	10461227	114132
9000859	112900	10455709	112582	10459210	112996	10461229	112255
9000860	112240	10456414	110075	10459211	111232	10461234	113004
9000862	112904	10456415	110075	10459216	113155	10461277	111000
9000863	112898	10456492	112898	10459217	112834	10461278	111000
9000864	113006	10459002	112261	10459226	113004	10461279	112255
9000865	112908	10459006	111261	10459234	113004	10461280	112255
9000866	112906	10459007	110591	10459254	112834	10461285	112267
9000871	112241	10459011	110591	10459259	113001	10461303	111224
9000872	112903	10459016	110937	10459260	113001	10461334	113550
9000874	112907	10459020	112989	10459261	112160	10461357	110999
9000875	112905	10459026	112160	10459301	112994	10461362	114416
9000876	112904	10459028	112991	10459318	113579	10461402	113695
9000878	112898	10459037	112996	10459320	113579	10461405	113695
9000879	112240	10459038	112996	10459321	113579	10461410	114631
9000882	112898	10459040	112996	10459325	112263	10461444	113007
9000884	111786	10459041	112996	10459353	114271	10461448	110604
9000885	113679	10459049	112991	10459367	112996	10461449	110604
9000895	111699	10459050	113432	10459472	112834	10461453	113435
9000899	112240	10459051	113432	10459498	112996	10461459	112269
9000900	112908	10459052	111232	10459509	113711	10461460	112653
9000902	114341	10459053	111232	10459510	112996	10461461	112652

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
10461463	112268	10463208	111486	10464088	112873	10465149	112267
10461464	113010	10463211	110499	10464089	112873	10465151	112253
10461465	111760	10463214	111220	10464090	113005	10465167	112240
10461466	113452	10463216	112885	10464097	112869	10465168	112341
10461469	111760	10463245	112338	10464146	113066	10465211	112267
10461470	111982	10463264	110503	10464153	113463	10465293	112897
10461476	114636	10463267	110682	10464157	113369	10465294	112904
10461483	112668	10463295	112883	10464158	111264	10465295	112268
10461486	111760	10463296	112885	10464164	113083	10465298	113122
10461533	110999	10463308	112448	10464165	111315	10465309	112898
10461645	113429	10463338	112884	10464174	111285	10465312	112911
10461753	113550	10463344	111389	10464205	113626	10465314	112253
10461754	114330	10463345	112638	10464206	111807	10465365	112267
10461756	114330	10463367	111202	10464209	112977	10465375	113006
10461764	114650	10463375	111854	10464251	113557	10465384	112900
10461765	114606	10463377	112886	10464313	113495	10465385	112906
10461769	114498	10463389	111711	10464351	113496	10465386	112907
10461770	113682	10463390	111392	10464376	113558	10465389	112912
10463006	112126	10463397	113767	10464388	111807	10465393	111034
10463007	111090	10463398	112860	10464395	112852	10465399	112267
10463011	110498	10463405	111392	10464401	112869	10465402	112667
10463012	110498	10463406	112613	10464403	112874	10465406	111041
10463013	110499	10463407	112614	10464404	112850	10465421	112901
10463014	110499	10463408	111223	10464405	112853	10465422	112908
10463015	110498	10463411	112642	10464406	112851	10465435	112913
10463016	110499	10463413	111711	10464409	112615	10465440	110485
10463017	110499	10463415	112639	10464414	112872	10465459	112900
10463021	111202	10463417	112640	10464417	113159	10465463	112902
10463022	111202	10463418	111711	10464420	112867	10465490	112911
10463025	112632	10463419	110502	10464424	112872	10465492	112898
10463026	112878	10463421	112644	10464427	112872	10465494	112911
10463027	112877	10463422	112644	10464437	112615	10465520	112241
10463035	110986	10463424	112639	10464438	112850	10465521	112907
10463036	110986	10463425	112640	10464440	114539	10465523	112904
10463037	110986	10463440	113160	10464441	112851	10465525	112903
10463040	111388	10463442	112883	10464451	112850	10465527	112905
10463043	110503	10463443	111223	10464462	114139	10465537	113429
10463045	112629	10463447	112859	10464477	112861	10465540	113725
10463050	112855	10463523	112888	10464492	114539	10465542	112900
10463060	113767	10463531	111388	10465001	111786	10465546	112898
10463062	112632	10463532	111388	10465008	112911	10465554	112240
10463063	112878	10463535	113502	10465009	111786	10465584	110485
10463069	112880	10463604	112643	10465013	112341	10469143	113001
10463072	112260	10463624	111854	10465014	112341	10478803	110436
10463074	112303	10463630	112615	10465015	113435	10478806	113126
10463088	112637	10463632	112613	10465016	110724	10478809	110347
10463091	112637	10463634	112892	10465018	110221	10478811	113695
10463092	112338	10463636	112893	10465021	111127	10478828	113384
10463094	112636	10463637	112875	10465022	111127	10478846	112254
10463095	112877	10463651	111712	10465024	113103	10478853	110346
10463097	110984	10463652	111712	10465026	112267	10478855	110347
10463098	112338	10463655	110508	10465027	110221	10478861	111000
10463099	110985	10463678	112884	10465028	110221	10478864	110999
10463103	112858	10463680	112888	10465033	110221	10478879	110347
10463104	112629	10463685	112616	10465034	112911	10478880	110347
10463114	110503	10463688	113005	10465036	112909	10478883	112254
10463116	111389	10463689	112980	10465042	111786	10478884	110347
10463117	111486	10463690	111712	10465043	112267	10478907	112254
10463118	110724	10463692	112893	10465044	111041	10478911	110347
10463120	112877	10463728	110659	10465045	111041	10478912	110347
10463133	112858	10463734	110703	10465046	111041	10478943	111000
10463139	111389	10463753	113077	10465047	110604	10478946	111000
10463140	110984	10463807	110802	10465048	110604	10478960	113695
10463150	112638	10463820	111406	10465049	110590	10478962	110436
10463158	112629	10463839	112868	10465050	110590	10478963	112089
10463160	110300	10463940	111712	10465053	112341	10478980	111000
10463164	112338	10463963	113159	10465054	112341	10478985	112258
10463165	112338	10463966	112615	10465058	110602	10478986	111000
10463167	112638	10464035	113162	10465065	111034	10478997	110436
10463169	110499	10464052	113074	10465066	112898	10478998	111000
10463175	110503	10464073	112615	10465075	110225	10478999	114132
10463176	111389	10464075	112615	10465079	112913	10479021	114630
10463177	111486	10464077	112894	10465081	110231	10479022	114631
10463182	112638	10464078	112980	10465082	110231	10479052	110436
10463186	110984	10464079	112873	10465096	112911	10479067	114416
10463187	111388	10464080	112873	10465097	112913	10479079	110471
10463189	112882	10464081	112893	10465098	112911	10479082	113153
10463190	112883	10464084	112665	10465130	112341	10479097	111389
10463206	110499	10464086	112867	10465143	112897	10479104	112089

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
10479107	114325	10479955	111514	10480206	112893	12564107	112241
10479108	112169	10479962	111220	10480214	112165	12564108	112240
10479111	111000	10479963	110503	10480215	112165	12564109	112898
10479115	110999	10479974	111202	10480222	111426	12567398	112898
10479118	110999	10479976	112641	10480225	112416	12567585	114341
10479130	114416	10479981	112613	10480226	111514	12573853	112902
10479142	111426	10479984	112614	10480228	113159	15750871	112853
10479175	112243	10479990	111708	10480229	112850	15760058	114139
10479252	111000	10479991	111223	10480234	112853	15768830	112853
10479264	110999	10479993	112337	10480236	111392	18000004	114431
10479384	111426	10479994	112640	10480237	111392	19010000	110591
10479600	112269	10479995	112886	10480240	112615	19010001	111261
10479604	112653	10479997	112640	10480251	112665	19010002	110591
10479605	112652	10479998	110499	10480252	111223	19010003	112998
10479607	112268	10479999	111708	10480254	112665	19010005	112998
10479608	113010	10480000	111846	10480255	112893	19010006	111261
10479611	113435	10480009	112883	10480262	112615	19010008	110591
10479612	113010	10480010	112885	10480263	111392	19010009	112998
10479613	110602	10480017	111223	10480264	112615	19010011	112998
10479614	112667	10480025	112642	10480273	112720	19010014	112998
10479615	112253	10480027	112638	10480279	112894	19010019	112998
10479616	111760	10480028	110500	10480282	112980	19010020	111261
10479617	113452	10480035	111390	10480288	114139	19010024	110591
10479618	112253	10480036	110499	10480296	112873	19010100	111232
10479621	112267	10480037	111389	10480297	112873	19010101	112994
10479622	111760	10480040	112638	10480299	112869	19010104	112996
10479623	111760	10480043	113160	10480301	112867	19010105	112994
10479624	112267	10480055	112643	10480307	112615	19010108	112160
10479625	112253	10480058	110505	10480310	112873	19010111	112160
10479626	111982	10480067	112859	10480311	112873	19010115	112995
10479627	110524	10480068	110499	10480313	112873	19010116	112996
10479637	114636	10480069	111711	10480317	112872	19010120	112993
10479638	112253	10480071	111392	10480326	112850	19010126	112995
10479641	112253	10480072	111223	10480327	112852	19010127	112995
10479802	112338	10480073	111846	10480332	112869	19010128	112995
10479805	110682	10480077	112875	10480341	112852	19010134	111232
10479806	111202	10480078	112616	10480347	112874	19010136	112993
10479807	112338	10480082	111711	10480351	112867	19010137	112993
10479808	112338	10480084	112639	10480354	112867	19010138	111232
10479811	110499	10480085	110498	10480366	112873	19010139	112995
10479814	110499	10480086	112640	10480368	112851	19010145	112996
10479815	110503	10480087	111711	10480378	112615	19010147	112996
10479816	112858	10480088	110502	10480384	111426	19010148	112160
10479825	110235	10480090	112644	10480388	112850	19010150	112996
10479826	110235	10480091	112644	10480390	112853	19010153	111232
10479827	110235	10480092	110984	10480407	113771	19010154	112993
10479850	110508	10480093	110984	10480414	114539	19010155	111232
10479858	110492	10480094	112639	10480428	112851	19010156	113432
10479874	110984	10480095	112860	10490000	111846	19010157	112993
10479883	110984	10480096	112860	10490073	111846	19010158	112993
10479891	112884	10480097	110500	10495397	112911	19010159	112993
10479897	111389	10480099	112640	10495425	110508	19010160	112993
10479898	111486	10480104	110500	10495426	110508	19010161	112993
10479901	112638	10480105	110499	10495427	110508	19010162	112993
10479902	110499	10480111	112888	10495429	110508	19010163	112993
10479903	111388	10480114	110499	10496871	112897	19010166	112993
10479905	111388	10480116	112883	10496873	110216	19010168	112995
10479906	112629	10480119	111392	10496874	110216	19010170	112996
10479909	110499	10480130	112893	10496882	112267	19010171	111232
10479910	110499	10480134	110499	10496883	112267	19010172	111232
10479911	110499	10480135	112892	10497079	110471	19010173	111232
10479912	112629	10480136	111388	10497111	112880	19010174	111232
10479913	110499	10480137	111388	10497122	110502	19010175	111232
10479914	111514	10480157	111854	10497145	110502	19010176	111232
10479915	112988	10480167	111712	10497177	112260	19010179	111232
10479916	110724	10480168	111712	10497425	110508	19010181	112994
10479920	111202	10480170	113005	10499176	111232	19010182	112160
10479921	112338	10480177	112980	10663530	110499	19010185	112160
10479922	112338	10480181	112642	10754097	112853	19010187	112996
10479923	111426	10480182	112615	11056709	110234	19010188	112996
10479924	111713	10480184	112868	12301334	111699	19010189	111232
10479925	111713	10480187	112614	12558851	112912	19010191	112996
10479926	111713	10480188	112613	12560672	112902	19010192	111232
10479927	111713	10480189	111223	12563718	112903	19010193	112160
10479929	111713	10480190	111223	12563863	112905	19010195	112160
10479930	111713	10480198	111712	12563907	112906	19010196	112996
10479937	111486	10480201	112884	12563908	112902	19010199	112160
10479938	111486	10480203	112888	12563916	112907	19010202	112995
10479947	112229	10480204	112894	12563919	112904	19010207	112996

## STARTERS &amp; ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
19010212	111232	19020391	112160	19024236	110524	19025042	111180
19010507	114330	19020501	110233	19024238	110530	19025044	112097
19010509	114330	19020507	111216	19024239	110368	19025045	111138
19010615	112232	19020600	114172	19024241	110812	19025046	110890
19010617	112233	19020601	113685	19024242	110517	19025049	110912
19011150	113001	19020608	113692	19024249	110368	19025051	111035
19011151	113001	19020609	113685	19024250	111001	19025056	110912
19011152	113002	19020614	113693	19024252	110536	19025057	112097
19011154	113001	19020615	113694	19024253	110522	19025059	111654
19011155	113002	19020616	113691	19024255	110814	19025060	111686
19011156	113002	19020801	112824	19024256	110518	19025062	111654
19011157	113003	19020803	113579	19024257	111752	19025063	111180
19011158	113001	19020804	113579	19024258	110524	19025066	110612
19011159	113002	19020889	113579	19024260	112037	19025067	110912
19011160	113001	19020900	114534	19024261	111793	19025068	111418
19011161	113002	19020901	114536	19024262	111399	19025069	110923
19011162	113001	19020902	114534	19024264	111640	19025070	111093
19011163	113002	19020903	114536	19024272	110529	19025071	110913
19011167	113004	19023060	113827	19024273	110521	19025074	110112
19011169	113003	19024000	110537	19024280	113466	19025075	110043
19011170	113004	19024001	110409	19024294	114397	19025076	111621
19011171	113002	19024005	110538	19024550	110512	19025100	112159
19011172	113004	19024008	110539	19024553	110207	19025101	112076
19011173	113002	19024010	110206	19024554	111249	19025107	112159
19011174	113001	19024011	110533	19024555	110208	19025109	113448
19011189	114271	19024012	111003	19024556	110512	19025110	113448
19011191	114271	19024013	110207	19024561	110537	19025111	113448
19011195	114271	19024015	110208	19024562	110537	19025112	113448
19011213	113003	19024016	110208	19024563	110409	19025113	112561
19011214	113004	19024018	110582	19024565	111217	19025304	110544
19011227	114580	19024024	110512	19024566	111217	19025330	111833
19011234	114579	19024025	110206	19024576	110208	19025333	111842
19011244	114579	19024026	112507	19024578	110601	19025339	112424
19011246	114579	19024027	111249	19024650	112508	19025347	110544
19011249	114579	19024028	111218	19024651	112509	19025600	110060
19011252	114578	19024030	110534	19024654	110429	19025602	110061
19011255	114579	19024035	110535	19024657	112512	19025603	110064
19011261	114579	19024040	110932	19024658	110433	19025604	111504
19011263	114580	19024042	110212	19024659	110433	19025752	110991
19011265	114579	19024046	110582	19024660	110429	19025761	110612
19011266	114579	19024047	111219	19024663	112522	19025771	110349
19011267	114578	19024048	110980	19024665	110434	19025772	110350
19011272	114578	19024049	110981	19024667	110434	19025786	110612
19011400	113682	19024051	110210	19024668	112523	19025787	111035
19011404	114650	19024052	111046	19024669	112524	19025789	111035
19011407	114650	19024053	110213	19024676	112520	19025791	111036
19011409	114606	19024054	110532	19024677	112521	19025799	111032
19011500	113918	19024063	111219	19024678	111091	19026026	113827
19011501	113851	19024071	110531	19024682	112137	19026027	113826
19011506	113550	19024072	112120	19024688	112487	19026031	114325
19011507	114330	19024075	110205	19024689	112524	19026032	114326
19011509	114330	19024076	112119	19024694	112527	19026035	114500
19011511	114013	19024077	110214	19024696	112527	19070006	112561
19011514	113917	19024078	110212	19024698	112138	19070007	113351
19011516	113550	19024079	110211	19024699	112138	19070008	113351
19011518	113550	19024080	111231	19024700	112140	19070009	113351
19011521	113550	19024084	111983	19024701	112140	19070014	113351
19011522	114330	19024085	112116	19024706	111092	19070015	113351
19011523	114330	19024099	110208	19024709	112487	19070016	113351
19011525	113917	19024101	113850	19024711	112137	19070032	112581
19011529	113916	19024106	110981	19024713	112487	19070039	111982
19011530	113550	19024109	110206	19024716	112138	19070058	112561
19011531	113918	19024179	111771	19024717	112140	21020761	113122
19020300	112824	19024196	113851	19024720	112484	21020893	112847
19020302	112824	19024201	110520	19024729	112864	21021366	112847
19020303	112824	19024202	110522	19024730	112317	21022992	112861
19020305	112834	19024204	110524	19024731	112318	21023232	113122
19020306	112834	19024205	110525	19024732	112318	21023969	112861
19020307	112160	19024223	110525	19024741	112484	21024332	113122
19020309	113155	19024224	110536	19024743	112317	21024485	112861
19020310	112834	19024225	110524	19024813	110523	21024486	112861
19020323	112824	19024226	110523	19024815	110551	21024726	112861
19020376	112160	19024229	110519	19024817	110565	21024727	112861
19020377	112824	19024230	110529	19024821	110819	21025094	112861
19020382	112160	19024231	110521	19024824	110536	21025339	112861
19020383	112160	19024232	110518	19024833	110608	24507410	112911
19020387	113579	19024233	110527	19024838	111025	29219091	111708
19020388	113579	19024234	110523	19024839	110352	89000853	112906
19020389	113579	19024235	110536	19025037	110611	94039465	113131

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
94052175	113131	321-424	112858	323-528	113006	DRA0192	113600
96206871	113498	321-431	110984	323-529	112911	DRA0195	114111
96208781	111123	321-439	112629	323-531	112898	DRA0198	114102
96208782	111684	321-452	112629	323-533	112911	DRA0201	114109
96208785	111848	321-479	112629	323-540	110394	DRA0205	113946
96224431	111846	321-481	112882	323-677	111699	DRA0211	112688
96224432	111708	321-482	112883	323-818	113123	DRA0218	114088
96252115	113498	321-503	112629	323-823	112267	DRA0220	110735
96252547	111846	321-507	112885	323-824	112267	DRA0221	113863
96252551	111846	321-523	110682	323-829	110436	DRA0221N	113863
96255115	113498	321-581	112883	323-830	110436	DRA0234	113970
96275481	111849	321-582	112885	323-839	113123	DRA0240	110877
96289430	113860	321-594	112884	323-840	113125	DRA0240	110887
96341300	113498	321-602	111261	323-842	112255	DRA0246	113969
96380673	111847	321-603	112260	323-855	110436	DRA0248	114090
96380673	114114	321-654	110300	323-864	113153	DRA0249	111976
96404010	113349	321-655	110591	323-871	112089	DRA0253	112142
96404011	113498	321-660	110801	323-879	113126	DRA0258	112708
96450663	111848	321-665	110801	334-2145	112448	DRA0259	111796
96550792	111684	321-666	112989	336-2002	112902	DRA0262	113529
96566262	114114	321-667	111713	A-1442	112998	DRA0263	113961
96567255	114114	321-677	112991	CER3087	112251	DRA0264	113763
96569440	111849	321-687	112996	10463755	113806	DRA0265	110175
96647521	114503	321-688	113432	DRA0006	113919	DRA0265	110176
15754097M	113777	321-697	110591	DRA0007	113718	DRA0267	110176
17610-Q1010	111805	321-698	111261	DRA0007N	113718	DRA0272	111576
25744165A	114539	321-700	112998	DRA0009	113407	DRA0273	111761
321-1006	112886	321-707	112998	DRA0014	113791	DRA0274	113549
321-1015	110508	321-731	113002	DRA0017	113954	DRA0277	113283
321-1016	112629	321-732	113002	DRA0021	113253	DRA0278	112357
321-1018	112860	321-733	113001	DRA0023	113709	DRA0279	112583
321-1048	113160	321-734	113001	DRA0023N	113709	DRA0280	111166
321-1050	112883	321-735	113003	DRA0024	113710	DRA0281	113441
321-1054	112859	321-739	112824	DRA0024N	113710	DRA0282	111958
321-1056	112888	323-1062	112900	DRA0035	113439	DRA0284	114024
321-1065	113502	323-1063	112906	DRA0036	113996	DRA0293	113862
321-1093	112892	323-1064	112912	DRA0061N	112327	DRA0295	113488
321-1095	112893	323-1065	112912	DRA0067	113946	DRA0299	114025
321-1096	112875	323-1145	112907	DRA0074	113792	DRA0300	110116
321-1130	113005	323-1188	112667	DRA0075	113792	DRA0303	112144
321-1131	112980	323-1191	112901	DRA0076	113790	DRA0316	112721
321-1134	112893	323-1192	112908	DRA0078	113253	DRA0316	114251
321-1139	112868	323-1205	112913	DRA0079	111309	DRA0319	111847
321-136	112448	323-1396	112900	DRA0095	112355	DRA0319	114114
321-1425	112894	323-1400	112902	DRA0099	112351	DRA0321	113640
321-1426	112980	323-1430	112907	DRA0104	114354	DRA0324	113634
321-1427	112873	323-1432	112904	DRA0110	111649	DRA0325	112327
321-1428	112873	323-1434	112241	DRA0112	110236	DRA0326	113212
321-1429	112893	323-1437	112903	DRA0113	113535	DRA0329	110801
321-1434	112867	323-1446	112905	DRA0116	113348	DRA0331	111261
321-1436	112873	323-1449	112898	DRA0120	110899	DRA0331	112261
321-1437	112873	323-1476	112905	DRA0120	111035	DRA0334	110801
321-1441	112869	323-1483	112902	DRA0120	111180	DRA0335	112360
321-1739	112852	323-287	112910	DRA0120	111418	DRA0336	114043
321-1747	112874	323-319	112909	DRA0130	110641	DRA0337	114218
321-1748	112850	323-350	112911	DRA0135	110514	DRA0340	111478
321-1749	112853	323-394	111786	DRA0135	113283	DRA0343	112394
321-1753	112615	323-404	111786	DRA0138	113896	DRA0345	110540
321-1758	112872	323-408	113435	DRA0140	110641	DRA0347	113856
321-1765	113159	323-411	110221	DRA0140	111662	DRA0349	113698
321-1768	112867	323-417	113103	DRA0150	112098	DRA0350	110887
321-1797	112615	323-419	112267	DRA0154	114245	DRA0351	113559
321-1798	112850	323-421	110221	DRA0160	112098	DRA0374	113872
321-1801	112851	323-422	110221	DRA0163	111043	DRA0376	113987
321-1811	112850	323-427	110221	DRA0164	110542	DRA0382	112352
321-1846	112861	323-428	112911	DRA0167	111719	DRA0386	113324
321-275	112880	323-429	112911	DRA0170	112098	DRA0389	112384
321-323	112632	323-430	112909	DRA0177	113883	DRA0399	113489
321-324	112878	323-457	112898	DRA0177N	113883	DRA0405	111624
321-325	112877	323-472	112911	DRA0178	113912	DRA0408	112492
321-339	112629	323-473	112913	DRA0179	114042	DRA0510	110990
321-344	112855	323-474	112911	DRA0181	112469	DRA0520	110895
321-361	112632	323-480	112897	DRA0182	113941	DRA0540	111139
321-362	112878	323-488	112897	DRA0186	113742	DRA0560	110891
321-367	112880	323-489	112904	DRA0187	111972	DRA0562	114247
321-386	112877	323-490	113122	DRA0188	111808	DRA0580	111652
321-394	112858	323-501	112898	DRA0189	111972	DRA0590	110357
321-409	110724	323-503	112911	DRA0190	111141	DRA0590	111652
321-411	112877	323-516	113225	DRA0191	113755	DRA0600	110357

## STARTERS &amp; ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA0600	111652	DRA0980	112719	DRA1520	110357	DRA2651	110383
DRA0610	110360	DRA0990	110769	DRA1520	111652	DRA2661	110168
DRA0610	111287	DRA0990	110897	DRA1520	111653	DRA2661	110307
DRA0620	110913	DRA0993	110897	DRA1530	111653	DRA2661	110318
DRA0670	110877	DRA0993	111155	DRA1540	111670	DRA2671	110260
DRA0680	110877	DRA0993	111156	DRA1590	111629	DRA2671	110307
DRA0690	110876	DRA0995	110897	DRA1600	111629	DRA2671	110383
DRA0700	110877	DRA0995	111155	DRA1641	110744	DRA2671	110458
DRA0700	112310	DRA1000	110916	DRA1671	110975	DRA2681	110168
DRA0710	110911	DRA1000	111075	DRA1680	110178	DRA2691	110273
DRA0710	110975	DRA1001	110916	DRA1680	110179	DRA2710	112742
DRA0730	111085	DRA1002	111075	DRA1680	110969	DRA2720	110076
DRA0730	112310	DRA1003	111075	DRA1680	111184	DRA2720	111834
DRA0740	110360	DRA1010	111652	DRA1691	110178	DRA2721	110076
DRA0740	110913	DRA1030	110975	DRA1691	110179	DRA2741	110754
DRA0740	111083	DRA1040	110357	DRA1691	110759	DRA2741	110920
DRA0750	110913	DRA1040	110726	DRA1691	111185	DRA2781	110349
DRA0750	111083	DRA1040	110911	DRA1691	113378	DRA2781	110350
DRA0750	112098	DRA1040	111652	DRA1741	110745	DRA2790	111076
DRA0760	110759	DRA1050	110178	DRA1741	110769	DRA2790	112149
DRA0760	111086	DRA1050	110759	DRA1751	110745	DRA2790	112162
DRA0760	111289	DRA1050	111289	DRA1791	110744	DRA2793	111173
DRA0770	110969	DRA1050	112683	DRA1831	110754	DRA2793	112162
DRA0770	111086	DRA1060	110357	DRA1931	110743	DRA2794	110907
DRA0770	111184	DRA1060	110726	DRA1932	110743	DRA2800	110358
DRA0770	111289	DRA1060	110975	DRA1941	110745	DRA2860	111799
DRA0780	110969	DRA1060	111652	DRA1981	110144	DRA2930	110881
DRA0780	111086	DRA1080	110730	DRA2011	110745	DRA2940	110881
DRA0780	111289	DRA1080	110968	DRA2061	111075	DRA2950	112753
DRA0790	110612	DRA1090	111153	DRA2101	110611	DRA2950	112813
DRA0790	110968	DRA1100	110360	DRA2111	112097	DRA2960	110881
DRA0790	111289	DRA1100	110913	DRA2121	110349	DRA3013	110178
DRA0790	113574	DRA1110	110913	DRA2121	110890	DRA3013	110968
DRA0800	110179	DRA1110	111083	DRA2241	111071	DRA3013	111289
DRA0800	110759	DRA1120	111096	DRA2301	111289	DRA3013	113474
DRA0800	111086	DRA1190	110112	DRA2311	110744	DRA3015	111184
DRA0810	111178	DRA1193	110048	DRA2311	111072	DRA3015	111185
DRA0810	112775	DRA1210	110911	DRA2341	111035	DRA3015	111289
DRA0830	111166	DRA1210	113758	DRA2341	111078	DRA3018	110677
DRA0830	111178	DRA1230	110116	DRA2341N	111078	DRA3023	110675
DRA0830	112098	DRA1240	110880	DRA2361	111144	DRA3023	110927
DRA0834	114379	DRA1250	110043	DRA2381	110137	DRA3024	110138
DRA0840	111178	DRA1251	110043	DRA2381	110138	DRA3025	110664
DRA0840	112271	DRA1251	111834	DRA2381	110258	DRA3025	110692
DRA0843	111178	DRA1260	110766	DRA2391	110138	DRA3026	110406
DRA0850	110077	DRA1262	110766	DRA2391	110139	DRA3027	112297
DRA0850	110914	DRA1270	112098	DRA2391	113048	DRA3028	110969
DRA0850	110925	DRA1272	112098	DRA2401	110137	DRA3029	110662
DRA0850	111767	DRA1280	111667	DRA2401	110138	DRA3033	110666
DRA0850	111841	DRA1290	110751	DRA2401	110258	DRA3035	110687
DRA0870	110925	DRA1300	111141	DRA2421	110138	DRA3035	110805
DRA0870	111656	DRA1310	110113	DRA2421	110139	DRA3036	110805
DRA0880	111166	DRA1310	110358	DRA2431	110128	DRA3037	110660
DRA0880	111187	DRA1320	110117	DRA2431	110264	DRA3038	110806
DRA0880	111467	DRA1320	110766	DRA2441	110129	DRA3038	111240
DRA0880	111656	DRA1330	112736	DRA2441	110131	DRA3038N	110806
DRA0880	113376	DRA1340	112097	DRA2451	110133	DRA3046	111692
DRA0882	111166	DRA1350	111086	DRA2541	110129	DRA3046N	111692
DRA0882	113376	DRA1350	111289	DRA2541	110131	DRA3047	110693
DRA0900	110914	DRA1350	111362	DRA2571	110138	DRA3049	110684
DRA0900	110972	DRA1360	110971	DRA2571	110139	DRA3049	114203
DRA0900	111168	DRA1360	112098	DRA2571	110258	DRA3053	110678
DRA0910	110914	DRA1370	112732	DRA2581	110138	DRA3055	110496
DRA0920	110972	DRA1380	110178	DRA2581	110139	DRA3055	110678
DRA0920	111168	DRA1380	110968	DRA2591	110138	DRA3055	110681
DRA0920	112056	DRA1380	111185	DRA2591	110139	DRA3055	111705
DRA0923	111168	DRA1380	111289	DRA2591	110248	DRA3056	110628
DRA0930	110972	DRA1390	110880	DRA2591	113048	DRA3059	111428
DRA0930	111168	DRA1410	111138	DRA2601	110140	DRA3059	111705
DRA0933	111168	DRA1410	112768	DRA2601	110318	DRA3063	110607
DRA0940	110612	DRA1430	110358	DRA2601	111796	DRA3063	111754
DRA0940	111035	DRA1440	110875	DRA2611	110318	DRA3064	110258
DRA0940	111085	DRA1450	110761	DRA2621	110134	DRA3064	111483
DRA0940	111148	DRA1470	110360	DRA2621	110383	DRA3064	111613
DRA0970	110890	DRA1470	111083	DRA2641	110134	DRA3064	114203
DRA0970	111686	DRA1480	110767	DRA2641	110136	DRA3064N	111483
DRA0980	110890	DRA1500	110919	DRA2641	110383	DRA3066	110745
DRA0980	110912	DRA1500	110975	DRA2651	110168	DRA3069	111156
DRA0980	111138	DRA1500	111652	DRA2651	110307	DRA3070	113469

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRA3074	111144	DRA3160	112729	DRA3254	112790	DRA3350	110913
DRA3074	111171	DRA3163	111290	DRA3255	112792	DRA3353	111411
DRA3075	111661	DRA3165	111290	DRA3257	112791	DRA3354	113838
DRA3076	111171	DRA3165	111291	DRA3258	112789	DRA3355	111418
DRA3078	112755	DRA3165N	111290	DRA3260	111074	DRA3355	113838
DRA3079	111322	DRA3166	111308	DRA3260	111288	DRA3357	111511
DRA3083	111321	DRA3167	110663	DRA3263	111820	DRA3358	112679
DRA3083	111403	DRA3167	111342	DRA3265	111803	DRA3359	111520
DRA3083	113839	DRA3168	110667	DRA3266	111352	DRA3364	111326
DRA3084	111403	DRA3169	111317	DRA3267	111352	DRA3367	111367
DRA3084	111503	DRA3173	111315	DRA3267	111891	DRA3367	111743
DRA3084	113839	DRA3174	111337	DRA3268	111479	DRA3368	110607
DRA3085	110744	DRA3176	111237	DRA3269	111477	DRA3368	111754
DRA3086	112756	DRA3177	111408	DRA3269	111820	DRA3369	111623
DRA3087	111322	DRA3178	113519	DRA3274	111176	DRA3369	111742
DRA3087	111841	DRA3179	113463	DRA3274	111289	DRA3374	112151
DRA3087	112744	DRA3180	110919	DRA3274	111356	DRA3374N	112151
DRA3089	111360	DRA3183	111243	DRA3274	113624	DRA3375	111587
DRA3089	113920	DRA3184	110666	DRA3275	111187	DRA3375	112081
DRA3090	113611	DRA3184N	110666	DRA3275N	111187	DRA3375N	111587
DRA3096	112970	DRA3185	110804	DRA3276	111238	DRA3375N	112081
DRA3098	110664	DRA3186	110687	DRA3276N	111238	DRA3376	111267
DRA3099	110694	DRA3186N	110687	DRA3278	111406	DRA3376N	111267
DRA3100	111146	DRA3187	110956	DRA3279	111294	DRA3377	111491
DRA3103	110699	DRA3188	111314	DRA3279N	111294	DRA3377N	111491
DRA3103	110706	DRA3189	111344	DRA3280	110923	DRA3378	111952
DRA3103	112127	DRA3189	112210	DRA3283	113472	DRA3379	113832
DRA3104	110659	DRA3190	110357	DRA3284	111620	DRA3384	112772
DRA3104	110957	DRA3190	111652	DRA3284	111654	DRA3385	112298
DRA3104	112531	DRA3193	111372	DRA3285	112701	DRA3386	110448
DRA3105	111179	DRA3194	111339	DRA3286	111738	DRA3393	111610
DRA3106	112751	DRA3194N	111339	DRA3286	112238	DRA3394	111413
DRA3107	112769	DRA3195	110631	DRA3287	112238	DRA3396	111725
DRA3107	113789	DRA3197	110691	DRA3289	111363	DRA3396	113536
DRA3108	110905	DRA3198	111265	DRA3293	111366	DRA3397	111689
DRA3110	110990	DRA3199	111361	DRA3294	110770	DRA3398	111688
DRA3113	110676	DRA3203	111264	DRA3294	110968	DRA3399	113667
DRA3113	111429	DRA3203	111268	DRA3294	111355	DRA3403	111409
DRA3114	111577	DRA3204	111266	DRA3294	112238	DRA3403	111625
DRA3115	110927	DRA3206	110707	DRA3294	112722	DRA3403	113939
DRA3115	113073	DRA3208	110700	DRA3295	111427	DRA3403	113942
DRA3116	110630	DRA3208	111316	DRA3296	111186	DRA3404	111582
DRA3117	111578	DRA3208N	110700	DRA3296N	111186	DRA3406	111416
DRA3118	110680	DRA3209	111747	DRA3297	111235	DRA3408	113471
DRA3119	110696	DRA3209N	111747	DRA3298	111467	DRA3408N	111036
DRA3119	110965	DRA3213	110702	DRA3298N	111467	DRA3409	111621
DRA3119	110967	DRA3215	110701	DRA3299	111278	DRA3409N	111621
DRA3119	111279	DRA3215N	110701	DRA3303	111432	DRA3413	111689
DRA3119	113087	DRA3216	112093	DRA3304	111435	DRA3414	113537
DRA3120	111147	DRA3216N	112093	DRA3305	110679	DRA3415	111505
DRA3124	110567	DRA3217	110385	DRA3306	110663	DRA3416	111416
DRA3124N	110567	DRA3218	110696	DRA3306	110689	DRA3417	111860
DRA3125	112762	DRA3218	111535	DRA3306	111342	DRA3418	113471
DRA3126	111175	DRA3219	111611	DRA3308	110660	DRA3419	111148
DRA3127	110445	DRA3220	111289	DRA3310	110968	DRA3421	110274
DRA3128	111215	DRA3225	110681	DRA3310	111289	DRA3423	112681
DRA3129	112769	DRA3225	110682	DRA3313	113032	DRA3426	110699
DRA3129	113789	DRA3226	110686	DRA3314	110811	DRA3426	110706
DRA3130	112730	DRA3227	110685	DRA3314N	110811	DRA3427	111368
DRA3135	111319	DRA3228	111615	DRA3316	111240	DRA3428	112325
DRA3136	111661	DRA3229	111280	DRA3316N	111240	DRA3429	111176
DRA3137	111319	DRA3234	112230	DRA3317	112968	DRA3433	112718
DRA3140	111149	DRA3235	114026	DRA3318	111236	DRA3433N	112718
DRA3143	110659	DRA3236	112230	DRA3320	110105	DRA3434	110891
DRA3144	111309	DRA3236	112292	DRA3326	111268	DRA3434	111740
DRA3145	110802	DRA3238	110618	DRA3327	111433	DRA3435	111185
DRA3145	110804	DRA3239	112782	DRA3328	111434	DRA3435	113378
DRA3145N	110802	DRA3243	110619	DRA3330	110766	DRA3436	111285
DRA3146	110802	DRA3244	112793	DRA3333	112092	DRA3437	111609
DRA3148	110957	DRA3245	112298	DRA3334	111614	DRA3438	111309
DRA3149	110803	DRA3245	112781	DRA3334N	111614	DRA3439	111405
DRA3153	110697	DRA3245	113438	DRA3336	111279	DRA3439N	111405
DRA3154	110679	DRA3246	112795	DRA3337	110967	DRA3443	111042
DRA3155	110683	DRA3246N	112795	DRA3339	111435	DRA3445	113632
DRA3156	110679	DRA3248	113487	DRA3344	111616	DRA3447	111714
DRA3157	110675	DRA3249	111326	DRA3345	111613	DRA3447N	111714
DRA3157	111428	DRA3250	111035	DRA3347	112800	DRA3448	111787
DRA3158	112973	DRA3250	113473	DRA3348	111437	DRA3449	110564
DRA3158	112974	DRA3250N	111035	DRA3349	111032	DRA3453	110620

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA3454	112191	DRA3540	110766	DRA3703	111514	DRA3830	111289
DRA3455	111409	DRA3543	112679	DRA3703N	111514	DRA3830	111356
DRA3455	113939	DRA3545	111515	DRA3704	111514	DRA3830	111364
DRA3456	111500	DRA3545N	111515	DRA3704	112558	DRA3830	111366
DRA3457	110891	DRA3546	111184	DRA3704N	111514	DRA3834	111293
DRA3458	110970	DRA3547	110968	DRA3706	112058	DRA3835	113952
DRA3458	111948	DRA3548	111184	DRA3707	113603	DRA3836	112718
DRA3459	110107	DRA3549	111948	DRA3708	110931	DRA3837	111740
DRA3461	110137	DRA3550	111629	DRA3709	111327	DRA3840	111144
DRA3461	110138	DRA3553	111569	DRA3714	113577	DRA3840	111528
DRA3461	110258	DRA3554	110968	DRA3717	112059	DRA3841	111658
DRA3461	110374	DRA3556	110178	DRA3718	111932	DRA3841	113477
DRA3463	111948	DRA3556	110968	DRA3719	111718	DRA3846	113518
DRA3464	110770	DRA3557	111173	DRA3720	111093	DRA3846N	113518
DRA3465	111375	DRA3557	112705	DRA3720	111149	DRA3847	111343
DRA3465N	111375	DRA3558	111629	DRA3723	112199	DRA3848	111929
DRA3466	113832	DRA3558	112343	DRA3725	111944	DRA3848N	111929
DRA3467	111469	DRA3559	110969	DRA3726	112715	DRA3849	111493
DRA3468	110672	DRA3563	111184	DRA3727	112679	DRA3855	111811
DRA3469	111872	DRA3564	111086	DRA3728	111934	DRA3860	111086
DRA3469N	111872	DRA3567	111364	DRA3729	111722	DRA3860	111364
DRA3471	110168	DRA3575	110179	DRA3735	111937	DRA3863	113785
DRA3471	110267	DRA3575	110969	DRA3736	112165	DRA3864	112067
DRA3471	110307	DRA3583	111756	DRA3736N	112165	DRA3865	111943
DRA3471	110703	DRA3585	111633	DRA3738	111598	DRA3866	111883
DRA3473	111626	DRA3586	112939	DRA3739	111507	DRA3867	112353
DRA3473	111956	DRA3587	112021	DRA3740	110923	DRA3868	112065
DRA3473N	111956	DRA3588	110891	DRA3740	111093	DRA3869	112205
DRA3474	111594	DRA3589	111846	DRA3740	113866	DRA3873	113034
DRA3474	112128	DRA3589N	111846	DRA3743	111603	DRA3874	112210
DRA3474N	112128	DRA3593	111708	DRA3745	111601	DRA3875	111626
DRA3476	110307	DRA3593N	111708	DRA3745N	111601	DRA3875N	111626
DRA3477	110307	DRA3608	111295	DRA3746	111484	DRA3880	110882
DRA3478	112207	DRA3616	112540	DRA3747	111597	DRA3880	112768
DRA3478	112329	DRA3619	113848	DRA3748	111596	DRA3883	112331
DRA3479	111426	DRA3620	112288	DRA3749	111538	DRA3885	112208
DRA3479N	111426	DRA3623	111397	DRA3753	112557	DRA3886	112206
DRA3483	112228	DRA3625	112467	DRA3754	112144	DRA3887	112069
DRA3483N	112228	DRA3625N	112467	DRA3755	113405	DRA3888	112068
DRA3484	112087	DRA3627	111723	DRA3756	112203	DRA3889	111955
DRA3484N	112087	DRA3633	111595	DRA3757	112202	DRA3890	110912
DRA3485	112695	DRA3636	113498	DRA3763	112031	DRA3890	112719
DRA3486	112695	DRA3636N	113498	DRA3764	111498	DRA3890	112768
DRA3487	111512	DRA3637	111846	DRA3766	111568	DRA3893	111871
DRA3494	110622	DRA3637	113349	DRA3768	113336	DRA3894	111966
DRA3495	111535	DRA3637	113498	DRA3768	113943	DRA3895	111264
DRA3497	111606	DRA3637N	113498	DRA3769	111860	DRA3896	111726
DRA3498	111517	DRA3638	113350	DRA3773	112798	DRA3897	110707
DRA3499	113093	DRA3638N	113350	DRA3777	111176	DRA3898	110660
DRA3503	111579	DRA3639	111625	DRA3778	111176	DRA3899	110660
DRA3504	111605	DRA3643	113684	DRA3779	111967	DRA3900	111799
DRA3505	114203	DRA3645	113684	DRA3783	111719	DRA3903	112416
DRA3506	111518	DRA3646	111802	DRA3784	111775	DRA3903N	112416
DRA3507	111678	DRA3648	111795	DRA3786	111296	DRA3904	112720
DRA3508	111518	DRA3649	112143	DRA3787	112324	DRA3904N	112720
DRA3509	111705	DRA3653	112142	DRA3789	111831	DRA3905	112272
DRA3514	111482	DRA3654	110968	DRA3789N	111831	DRA3905N	112272
DRA3514	111536	DRA3655	111797	DRA3794	112271	DRA3906	113575
DRA3515	111537	DRA3655N	111797	DRA3794N	112271	DRA3906N	113575
DRA3516	111580	DRA3656	113914	DRA3797	111997	DRA3907	112469
DRA3517	112356	DRA3663	111767	DRA3798	114241	DRA3907N	112469
DRA3517	113078	DRA3664	112406	DRA3799	114242	DRA3910	112760
DRA3518	111483	DRA3667	112722	DRA3799N	114242	DRA3914	113403
DRA3518N	111483	DRA3673	111788	DRA3806N	113887	DRA3915	112470
DRA3519	110629	DRA3674	112025	DRA3807	112465	DRA3917	111722
DRA3519N	110629	DRA3676	112025	DRA3808	113407	DRA3918	112471
DRA3524	113865	DRA3677	113763	DRA3809	112462	DRA3923	112144
DRA3525	112815	DRA3679	112021	DRA3815	112648	DRA3924	112414
DRA3526	112810	DRA3683	111384	DRA3816	113404	DRA3926	111779
DRA3527	111631	DRA3686	112194	DRA3818	111941	DRA3927	111950
DRA3528	112557	DRA3686	112539	DRA3820	110116	DRA3928	111779
DRA3529	112770	DRA3687	112528	DRA3823	112461	DRA3929	112332
DRA3530	113611	DRA3689	111376	DRA3824	111847	DRA3933	111965
DRA3534	112450	DRA3693	111627	DRA3824	114114	DRA3936	112022
DRA3535	112805	DRA3695	112129	DRA3824N	111847	DRA3940	113574
DRA3536	112121	DRA3696	111806	DRA3824N	114114	DRA3944	113440
DRA3537	112775	DRA3697	111704	DRA3826	112212	DRA3946	113317
DRA3538	112696	DRA3698	111812	DRA3827	111951	DRA3947	113697
DRA3539	111511	DRA3698N	111812	DRA3830	110770	DRA3948	113317

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRA3949	112648	DRA4144N	113709	DRA4266	113881	DRA4990	111154
DRA3953	113404	DRA4145	111776	DRA4268	113330	DRA5010	111095
DRA3955	112751	DRA4146	113771	DRA4270	110906	DRA5020	112453
DRA3957	113624	DRA4146N	113771	DRA4273	114130	DRA5061	110137
DRA3964	111179	DRA4149	113248	DRA4275	114115	DRA5061	110258
DRA3966	113758	DRA4153	112387	DRA4283	114215	DRA5141	110406
DRA3967	111741	DRA4155	113836	DRA4284	114010	DRA5161	110134
DRA3970	111156	DRA4156	113510	DRA4285	113956	DRA5161	110168
DRA3984N	111976	DRA4157	112428	DRA4291	110136	DRA5161	110383
DRA3989	112127	DRA4159	113875	DRA4301	110383	DRA5181	110383
DRA3993	110622	DRA4166	112428	DRA4311	110138	DRA5201	110405
DRA3994	110891	DRA4166N	112428	DRA4311	112270	DRA5211	110318
DRA4000	111172	DRA4170	112740	DRA4321	110250	DRA5321	112208
DRA4003	111072	DRA4173	112333	DRA4321	113806	DRA5331	110631
DRA4003	111172	DRA4173N	112333	DRA4341	110563	DRA5331	110632
DRA4010	112725	DRA4174	113328	DRA4350	112784	DRA5341	112970
DRA4020	112734	DRA4174N	113328	DRA4370	111658	DRA5411	110264
DRA4020	112785	DRA4175	113519	DRA4370	112345	DRA5411	112270
DRA4027	112151	DRA4176	113519	DRA4391	110348	DRA5431	110131
DRA4033	112472	DRA4177	113517	DRA4400	110895	DRA5431	110267
DRA4034	111652	DRA4178	113657	DRA4400N	110895	DRA5431	110703
DRA4035	113772	DRA4179	111529	DRA4420	111419	DRA5501	110678
DRA4035N	113772	DRA4180	110107	DRA4420	111987	DRA5501	111435
DRA4036	111720	DRA4185	112095	DRA4430	112747	DRA5501	111705
DRA4037	111409	DRA4186	113245	DRA4450	111164	DRA5501N	111705
DRA4038	112231	DRA4187	113253	DRA4460	111169	DRA5521	110248
DRA4039	112458	DRA4189	113790	DRA4460	111800	DRA5601	110681
DRA4040	110357	DRA4194	112471	DRA4460	112056	DRA5630	111686
DRA4040	110911	DRA4195	113503	DRA4463	111169	DRA5641	111036
DRA4040	111652	DRA4196	112363	DRA4463	111800	DRA5641N	111036
DRA4040	111653	DRA4197	113948	DRA4463	112056	DRA5670	111160
DRA4043	113246	DRA4199	112506	DRA4463	112229	DRA5690	110876
DRA4044	113250	DRA4200	111289	DRA4470	110891	DRA5700	112771
DRA4045	113872	DRA4203	113331	DRA4480	111148	DRA5720	112780
DRA4046	112059	DRA4203N	113331	DRA4490	111154	DRA5760	110882
DRA4049	113249	DRA4204	112334	DRA4500	111094	DRA5760	111418
DRA4057	112463	DRA4206	113536	DRA4500	111539	DRA5760	113838
DRA4058	111947	DRA4207	113939	DRA4510	111539	DRA5841	110908
DRA4059	111716	DRA4208	113245	DRA4520	111288	DRA5871	110692
DRA4063	111940	DRA4209	110107	DRA4530	110902	DRA5890	112774
DRA4065	112468	DRA4209	111948	DRA4550	110896	DRA5910	113470
DRA4067	113406	DRA4210	112779	DRA4550	111287	DRA6000	111157
DRA4068	113751	DRA4213	113949	DRA4560	111095	DRA6010	110770
DRA4070	112288	DRA4214	113755	DRA4560	111287	DRA6010	111289
DRA4075	113336	DRA4216	111959	DRA4570	112149	DRA6010	111362
DRA4077	112654	DRA4217	112772	DRA4580	112735	DRA6020	111289
DRA4078	113599	DRA4218	112299	DRA4590	110877	DRA6041	111176
DRA4079	112349	DRA4219	112772	DRA4600	111842	DRA6050	112725
DRA4080	111147	DRA4220	111094	DRA4610	112343	DRA6060	111356
DRA4083	113035	DRA4220	112149	DRA4620	110358	DRA6060	111364
DRA4087	111384	DRA4223	112334	DRA4630	112727	DRA6110	111289
DRA4088	113251	DRA4226	112128	DRA4640	111148	DRA6150	111293
DRA4088N	113251	DRA4227	111594	DRA4650	111166	DRA6150	111741
DRA4089	112425	DRA4228	113956	DRA4650	111178	DRA6160	112759
DRA4093	112327	DRA4228N	113956	DRA4652	111166	DRA6215	112056
DRA4094	112328	DRA4230	111539	DRA4660	112056	DRA6230	112768
DRA4095	113383	DRA4230	112149	DRA4662	112056	DRA6240	112076
DRA4097	113787	DRA4234	113786	DRA4700	112746	DRA6240	112758
DRA4098	112359	DRA4236	113922	DRA4710	112746	DRA6241	112758
DRA4099	112457	DRA4237	113710	DRA4730	110993	DRA6250	112056
DRA4105	113296	DRA4237N	113710	DRA4740	110754	DRA6251	112056
DRA4108	112101	DRA4238	113710	DRA4740	110920	DRA6260	111801
DRA4110	111147	DRA4238N	113710	DRA4740	111082	DRA6260	112763
DRA4113	112199	DRA4239	113849	DRA4740	112298	DRA6263	111288
DRA4114	113640	DRA4240	112735	DRA4740	112728	DRA6263	111801
DRA4116	113888	DRA4243	113720	DRA4780	111163	DRA6263	112763
DRA4119	113486	DRA4244	113722	DRA4801	111072	DRA6270	112777
DRA4123	113335	DRA4246	114129	DRA4801	111171	DRA6280	112757
DRA4124	111536	DRA4247	113912	DRA4810	112744	DRA6281	111527
DRA4126	112042	DRA4247N	113912	DRA4821	110921	DRA6301	110675
DRA4128	113640	DRA4249	113721	DRA4831	111841	DRA6301	111428
DRA4136	113864	DRA4250	110902	DRA4832	112754	DRA6350	112734
DRA4137	113349	DRA4250	111152	DRA4841	110905	DRA6350	112785
DRA4137N	113349	DRA4253	113720	DRA4850	111144	DRA6360	112734
DRA4139	111342	DRA4258	113883	DRA4861	110889	DRA6370	112774
DRA4140	112730	DRA4258N	113883	DRA4890	112739	DRA6390	112774
DRA4143	113708	DRA4260	111141	DRA4910	111629	DRA6480	112162
DRA4143N	113708	DRA4264	113904	DRA4940	113611	DRA6480	113624
DRA4144	113709	DRA4265	113955	DRA4990	111152	DRA6490	112788

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA6501	110385	DRA8320	112812	DRA9790	112561	DRB1480	113340
DRA6510	111287	DRA8330	112804	DRA9800	112098	DRB1490	112079
DRA6530	111170	DRA8330	112811	DRA9810	113531	DRB1500	111989
DRA6532	111170	DRA8340	112797	DRA9831	113868	DRB1500N	111989
DRA6540	111166	DRA8351	111331	DRA9870	112693	DRB1510	112075
DRA6540	111170	DRA8351	112113	DRA9881	111623	DRB1510N	112075
DRA6542	111170	DRA8390	111353	DRA9881	111742	DRB1530	112197
DRA6561	111368	DRA8390	112543	DRA9891	112698	DRB1550	113489
DRA6581	111754	DRA8600	111732	DRA9941	112703	DRB1590	112197
DRA6631	111623	DRA8600	112229	DRB0004	114036	DRB1640	111833
DRA6641	110374	DRA8600N	112229	DRB0004N	114036	DRB1650	111850
DRA6641	110620	DRA8610	111676	DRB0061	112682	DRB1730	112072
DRA6651	110991	DRA8610	113885	DRB0170	113442	DRB1750	112426
DRA6651	111035	DRA8630	112557	DRB0180	111890	DRB1750N	112426
DRA6660	111157	DRA8650	111292	DRB0201	112287	DRB1750X	112426
DRA6660	112750	DRA8660	112691	DRB0201N	112287	DRB1760	112428
DRA6690	111293	DRA8680	111887	DRB0211	112688	DRB1760N	112428
DRA6750	111620	DRA8690	112694	DRB0211N	112688	DRB1840	112046
DRA6750	111654	DRA8791	112231	DRB0221	111318	DRB1860	112002
DRA6750	111686	DRA8791	112299	DRB0221N	111318	DRB1870	112397
DRA6770	113864	DRA8791	112772	DRB0231	111532	DRB1870N	112397
DRA6780	111860	DRA8791N	112299	DRB0231N	111532	DRB1890	113754
DRA6780	112453	DRA8841	111803	DRB0260	112561	DRB1900	112402
DRA6790	112765	DRA8910	111850	DRB0270	111894	DRB1910	112273
DRA6800	113632	DRA8930	112086	DRB0280	111843	DRB1920	112274
DRA6810	111354	DRA8930N	112086	DRB0290	111888	DRB1920N	112274
DRA6820	111354	DRA8940	112712	DRB0320	111858	DRB1930	112460
DRA6820	112529	DRA8950	111733	DRB0330	111899	DRB1940	112097
DRA6860	113839	DRA8950	111991	DRB0340	111478	DRB1950	112198
DRA6920	111146	DRA8960	113576	DRB0350	113770	DRB1960	112407
DRA6930	110360	DRA8990	112680	DRB0360	111898	DRB1980	112406
DRA6941	113500	DRA9030	112709	DRB0360	111988	DRB1990	112073
DRA6941	113789	DRA9080	113885	DRB0370	112557	DRB2000	112190
DRA6961	110622	DRA9090	111988	DRB0380	111946	DRB2041	112057
DRA6991	111429	DRA9100	111776	DRB0400	111675	DRB2091	112480
DRA7031	110692	DRA9100	112687	DRB0410	112532	DRB2350	112189
DRA7040	111157	DRA9130	111987	DRB0600	112045	DRB2360N	113351
DRA7112	110891	DRA9140	111859	DRB0631	111625	DRB2360X	113351
DRA7160	113472	DRA9150	112810	DRB0641	111625	DRB2370	113351
DRA7221	110163	DRA9150	112813	DRB0830	112209	DRB2370X	113351
DRA7231	110163	DRA9170	112557	DRB0850	111980	DRB2390	113351
DRA7241	111331	DRA9180	113865	DRB0860	113341	DRB2390N	113351
DRA7271	110620	DRA9200	112538	DRB0870	111878	DRB2390X	113351
DRA7271	111048	DRA9210	111991	DRB0870N	111878	DRB2400	113351
DRA7301	111171	DRA9220	113831	DRB0880	111825	DRB2400N	113351
DRA7311	113500	DRA9230	112689	DRB0910	111993	DRB2410	113351
DRA7311	113789	DRA9240	111426	DRB0930	112710	DRB2410N	113351
DRA7321	111325	DRA9240	111732	DRB0940	111820	DRB2470	112414
DRA7321	112756	DRA9250	111514	DRB0950	111884	DRB2520	113889
DRA7340	112194	DRA9250	112558	DRB0960	111468	DRB2530	113889
DRA7380	112194	DRA9260	111746	DRB0990	111857	DRB2540	112535
DRA7380	112539	DRA9300	113485	DRB1030	113448	DRB2550	113300
DRA7410	110895	DRA9330	112456	DRB1060	112196	DRB2570	113302
DRA7410N	110895	DRA9340	112076	DRB1080	112413	DRB2570	113835
DRA7420	111629	DRA9350	111903	DRB1090	112159	DRB2580	113295
DRA7440	113920	DRA9370	111902	DRB1120	111883	DRB2590	113289
DRA7440N	113920	DRA9450	112799	DRB1150	112078	DRB2590N	113289
DRA7450	110105	DRA9460	112860	DRB1160	112860	DRB2600	112075
DRA7450	113632	DRA9481	112683	DRB1170	111468	DRB2600N	112075
DRA7460	112764	DRA9490	111886	DRB1190	112413	DRB2600N	113873
DRA7760	112803	DRA9501	111687	DRB1200	113867	DRB2640	112419
DRA7770	112159	DRA9501N	111687	DRB1210	111902	DRB2650	113285
DRA7791	111659	DRA9510	113447	DRB1230	112043	DRB2650N	113285
DRA7801	111175	DRA9520	111988	DRB1240	111824	DRB2660	113296
DRA7890	110881	DRA9520	112045	DRB1250	113879	DRB2670	113280
DRA7970	112539	DRA9530	111842	DRB1260	111990	DRB2680	112418
DRA7990	112194	DRA9540	112802	DRB1260	112416	DRB2710	112401
DRA8080	111154	DRA9550	113783	DRB1270	112077	DRB2720	112144
DRA8100	112234	DRA9550N	113783	DRB1280	113848	DRB2790	113298
DRA8100	112729	DRA9570	111891	DRB1290	112193	DRB2810	113275
DRA8130	113576	DRA9630	112692	DRB1300	111828	DRB2840	113272
DRA8160	111369	DRA9650	111895	DRB1310	112408	DRB3041	111517
DRA8170	112529	DRA9660	112708	DRB1320	111902	DRB3130	112196
DRA8180	112806	DRA9690	112777	DRB1351	111513	DRB3650	113889
DRA8200	112801	DRA9690	113758	DRB1361	112094	DRB3660	112197
DRA8260	112530	DRA9700	113833	DRB1401	113604	DRB3890	113448
DRA8281	110631	DRA9711	110968	DRB1451	111788	DRB3900	112197
DRA8290	111833	DRA9760	111893	DRB1461	112704	DRB3910	112425
DRA8300	112777	DRA9780	111318	DRB1461	113439	DRB4010	113352

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRB4011	113352	DRS0068	114123	DRS0310	111251	DRS1150	110368
DRB4020	113352	DRS0071	113796	DRS0330	111104	DRS1150	110439
DRB4030	112415	DRS0077	114169	DRS0330	111131	DRS1160	110517
DRB4060	112424	DRS0091	113638	DRS0360	110858	DRS1170	111636
DRB4210	111824	DRS0100	113851	DRS0390	111053	DRS1180	113467
DRB4300	112399	DRS0104	113727	DRS0390	111131	DRS1190	112249
DRB4310	113283	DRS0105	111273	DRS0390	111750	DRS1200	110439
DRB4320	113882	DRS0106	112374	DRS0400	110336	DRS1200	110536
DRB4340	112398	DRS0110	110997	DRS0400	111131	DRS1210	111332
DRB4460	113252	DRS0113	114074	DRS0410	111058	DRS1220	110519
DRB4540	112399	DRS0114	113256	DRS0420	111058	DRS1220	110529
DRB4550	111772	DRS0116	112367	DRS0430	110624	DRS1220	110640
DRB4850	112396	DRS0119	114237	DRS0440	110825	DRS1240	110525
DRB5160	113188	DRS0120	110341	DRS0440	111228	DRS1240	113482
DRB5170N	113923	DRS0121	110341	DRS0450	110825	DRS1270	110523
DRB5170X	113923	DRS0122	113964	DRS0450	112289	DRS1270	113464
DRB5280	113351	DRS0123	114029	DRS0460	110865	DRS1280	110527
DRB5290	113351	DRS0124	113672	DRS0470	111061	DRS1280	112132
DRB5290N	113351	DRS0125	114193	DRS0490	111058	DRS1290	111640
DRB5300	113874	DRS0127	112227	DRS0510	110771	DRS1290N	111640
DRB5340	113992	DRS0134	113797	DRS0530	110363	DRS1310	110517
DRB5360	113884	DRS0134N	113797	DRS0570	110864	DRS1310	110521
DRB5370	113913	DRS0136	113797	DRS0590	111114	DRS1321	110521
DRB5370N	113913	DRS0150	110774	DRS0590	112541	DRS1330	110518
DRB5380	113877	DRS0151	110774	DRS0610	110772	DRS1330	110520
DRB5420	113274	DRS0151	110835	DRS0630	111052	DRS1351	110520
DRB5691	113788	DRS0152	113478	DRS0640	110868	DRS1360	110524
DRB5801	113322	DRS0154	111557	DRS0650	110160	DRS1370N	112132
DRB5891	112063	DRS0156	113911	DRS0650	111054	DRS1380	111637
DRB5990	112343	DRS0156N	113911	DRS0650	111489	DRS1400	110537
DRB6000	112529	DRS0157	113906	DRS0690	110341	DRS1430	110214
DRB6010	112543	DRS0157N	113906	DRS0710	110336	DRS1440	110531
DRB6030	112062	DRS0159	111906	DRS0710	110831	DRS1440	111219
DRB6040	112427	DRS0159N	111906	DRS0710	110870	DRS1450	110205
DRB6040N	112427	DRS0160	113910	DRS0730	110840	DRS1450	110207
DRB6060	113279	DRS0160N	113910	DRS0730	111741	DRS1450	110932
DRB6090	113536	DRS0161	113911	DRS0770	111209	DRS1460	110534
DRB6160	113878	DRS0161N	113911	DRS0780	110824	DRS1470	110209
DRB6190	113273	DRS0162	110942	DRS0800	110824	DRS1490	110206
DRB6220	113858	DRS0163	110485	DRS0800	111010	DRS1490	110210
DRB6250	114122	DRS0164	113466	DRS0810	113845	DRS1510	110210
DRB6260	113837	DRS0165	113980	DRS0820	110368	DRS1520	110205
DRB6270	113871	DRS0166	112055	DRS0850	110869	DRS1520	110209
DRB6320	113951	DRS0170	110771	DRS0850	110997	DRS1530	110537
DRB6340	113944	DRS0171	112507	DRS0870	111052	DRS1540	110537
DRB6440	114131	DRS0183	110485	DRS0880	110836	DRS1570	110206
DRB6560	113284	DRS0183	114400	DRS0890	110862	DRS1580	110533
DRB6570	113284	DRS0185	112441	DRS0900	110838	DRS1611	111102
DRB6570N	113284	DRS0193	112382	DRS0920	110996	DRS1651	110367
DRB7160	111842	DRS0194	113132	DRS0920	111060	DRS1671	110856
DRB7220	114200	DRS0196	113194	DRS0930	110839	DRS1691	111068
DRB7410	114036	DRS0197	113203	DRS0950	110461	DRS1721	110774
DRB7530	113835	DRS0200	110793	DRS0950	112251	DRS1731	111100
DRB7870	110895	DRS0200	111066	DRS0950	113380	DRS1741	110367
DRB7910	113958	DRS0201	111005	DRS0950N	110461	DRS1770	111124
DRB9320	114089	DRS0202	112177	DRS0960	110536	DRS1771	110860
DRS0008	111087	DRS0205	112649	DRS0960	113465	DRS1771	111063
DRS0010	110826	DRS0210	113860	DRS0970	113466	DRS1771	111124
DRS0013	114053	DRS0214	111694	DRS0980	110520	DRS1780	110835
DRS0015	113906	DRS0218	113618	DRS0980	111638	DRS1783	110835
DRS0015N	113906	DRS0234	113931	DRS0990	110536	DRS1811	111064
DRS0016N	113907	DRS0242	113959	DRS1000	110775	DRS1812	111064
DRS0017	113909	DRS0250	111056	DRS1020	111332	DRS1831	110367
DRS0017N	113909	DRS0253	111050	DRS1040	111004	DRS1831	110866
DRS0022X	114031	DRS0256	110556	DRS1050	110368	DRS1871	110338
DRS0024	110813	DRS0259	110436	DRS1060	110520	DRS1871	110365
DRS0025	110522	DRS0260	111068	DRS1060	110536	DRS1871	110826
DRS0030	111055	DRS0261	111068	DRS1060	110615	DRS1891	110365
DRS0030	111127	DRS0266	113982	DRS1060	110814	DRS1891	111585
DRS0037	113937	DRS0267	114002	DRS1060	111737	DRS1910	110352
DRS0040	110364	DRS0271	113532	DRS1063	111693	DRS1910	110826
DRS0048	113702	DRS0275	112496	DRS1070	110847	DRS1941	110608
DRS0051	112053	DRS0278	111398	DRS1080	110812	DRS1951	110521
DRS0053	114171	DRS0290	111106	DRS1090	111112	DRS1981	110421
DRS0054	113756	DRS0300	110337	DRS1110	111109	DRS2021	110152
DRS0057	111982	DRS0300	111053	DRS1130	111752	DRS2021	110154
DRS0063	113719	DRS0300	111131	DRS1140	110536	DRS2031	110152
DRS0065	112373	DRS0310	110367	DRS1140	112660	DRS2061	110152
DRS0067	112442	DRS0310	110585	DRS1143	110536	DRS2061	110154

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS2071	110277	DRS2970	110531	DRS3123	110459	DRS3226	110720
DRS2071	110308	DRS2980	110838	DRS3128	110938	DRS3228	110940
DRS2091	110144	DRS2990	110530	DRS3129	110854	DRS3229	110447
DRS2091	110308	DRS2990	110869	DRS3130	110867	DRS3233	110356
DRS2101	110277	DRS3010	111347	DRS3133	110940	DRS3234	113135
DRS2101	110308	DRS3015	111386	DRS3133	111548	DRS3235	113668
DRS2111	110256	DRS3017	113097	DRS3134	111548	DRS3237	111558
DRS2131	110283	DRS3018	110708	DRS3138	111458	DRS3239	111562
DRS2161	110145	DRS3018	111387	DRS3139	110811	DRS3240	111070
DRS2171	110157	DRS3018	112336	DRS3140	111112	DRS3243	110256
DRS2171	110158	DRS3018N	111387	DRS3140	111120	DRS3243	111452
DRS2171	110315	DRS3019	110708	DRS3143	111241	DRS3244	110486
DRS2172	110315	DRS3023	110397	DRS3143N	111241	DRS3245	111683
DRS2172	110479	DRS3024	110323	DRS3144	111683	DRS3246	110355
DRS2172	110958	DRS3025	110709	DRS3149	110477	DRS3247	110485
DRS2231	110142	DRS3026	110400	DRS3150	111851	DRS3248	111023
DRS2231	110277	DRS3027	110351	DRS3150N	111851	DRS3253	111386
DRS2251	110152	DRS3028	113036	DRS3154	110810	DRS3253	111564
DRS2251	110154	DRS3030	112174	DRS3155	111311	DRS3254	110396
DRS2271	110149	DRS3032	111448	DRS3156	110810	DRS3256	110507
DRS2271	111310	DRS3036	110809	DRS3157	111246	DRS3257	110490
DRS2291	110279	DRS3036	111461	DRS3158	110578	DRS3258	110411
DRS2301	110158	DRS3036	111476	DRS3159	111305	DRS3259	110417
DRS2301	110315	DRS3036N	110809	DRS3159N	111305	DRS3260	110208
DRS2301	110479	DRS3038	110386	DRS3160	111270	DRS3260	110209
DRS2301N	110315	DRS3038	110573	DRS3163	111241	DRS3263	113129
DRS2311	110399	DRS3038	110719	DRS3163	111242	DRS3264	110818
DRS2320	110824	DRS3043	111310	DRS3164	110574	DRS3264	111499
DRS2320	111010	DRS3045	110394	DRS3164	111303	DRS3267	110867
DRS2340	110587	DRS3046	110311	DRS3165	110574	DRS3267	112290
DRS2343	111130	DRS3046	110811	DRS3165	111805	DRS3268	111251
DRS2360	110865	DRS3047	110310	DRS3165N	111805	DRS3269	111333
DRS2380	111065	DRS3049	110717	DRS3166	110719	DRS3270	110337
DRS2380	111851	DRS3050	111060	DRS3168	111445	DRS3270	111131
DRS2380	112440	DRS3052	111446	DRS3169	110386	DRS3273	111047
DRS2420	111755	DRS3052	111544	DRS3169	110719	DRS3274	111422
DRS2470	110465	DRS3053	110467	DRS3173	114318	DRS3277	111508
DRS2480	110211	DRS3057	111451	DRS3174	110712	DRS3278	113210
DRS2480	110212	DRS3058	110713	DRS3176	111682	DRS3279	111272
DRS2590	111059	DRS3065	111102	DRS3177	111544	DRS3280	111131
DRS2590	111748	DRS3068	111103	DRS3177	113168	DRS3280	111851
DRS2600	111059	DRS3070	111981	DRS3178	111455	DRS3284	111913
DRS2620	112533	DRS3075	111114	DRS3179	111455	DRS3286	110439
DRS2620	113446	DRS3075	112541	DRS3179	111984	DRS3287	110460
DRS2623	112533	DRS3076	110860	DRS3180	110998	DRS3287	110565
DRS2640	110824	DRS3076	111063	DRS3183	110811	DRS3287	111346
DRS2660	113845	DRS3078	111115	DRS3184	110474	DRS3288	111685
DRS2670	110529	DRS3080	110839	DRS3185	111401	DRS3289	110465
DRS2670	110813	DRS3084	110354	DRS3186	110583	DRS3289	110615
DRS2670	113381	DRS3084	112439	DRS3189	111136	DRS3293	112055
DRS2680	112135	DRS3086	110249	DRS3196	110462	DRS3294	110449
DRS2690	110368	DRS3086	110312	DRS3196	111131	DRS3294	111024
DRS2710	110530	DRS3088	110576	DRS3196	111750	DRS3295	110961
DRS2720	110522	DRS3088N	110576	DRS3197	110462	DRS3297	110962
DRS2730	110535	DRS3089	113140	DRS3197	113380	DRS3299	111028
DRS2740	110208	DRS3090	110867	DRS3198	111865	DRS3303	110941
DRS2780	111047	DRS3090	112290	DRS3198N	111865	DRS3304	111679
DRS2831	110182	DRS3093	110157	DRS3199	111865	DRS3307	111088
DRS2851	110145	DRS3095	110717	DRS3200	112295	DRS3308	111420
DRS2851	110411	DRS3096	110332	DRS3202	112295	DRS3314	113430
DRS2851	111458	DRS3098	110402	DRS3205	113346	DRS3317	111630
DRS2871	110158	DRS3098	111385	DRS3207	111080	DRS3320	110539
DRS2871	110315	DRS3100	110844	DRS3207	111488	DRS3324	111003
DRS2872	110315	DRS3103	111117	DRS3207	111608	DRS3325	110530
DRS2872	110479	DRS3104	111228	DRS3208	110581	DRS3326	111001
DRS2881	110421	DRS3104	112124	DRS3209	111449	DRS3327	111098
DRS2881	111475	DRS3105	112289	DRS3210	110837	DRS3333	110462
DRS2901	110295	DRS3106	112295	DRS3214	112214	DRS3334	110566
DRS2901	111451	DRS3107	111251	DRS3215	111546	DRS3336	110443
DRS2911	110278	DRS3108	110584	DRS3216	111274	DRS3336	111461
DRS2921	111441	DRS3109	113443	DRS3217	110580	DRS3337	112136
DRS2921	111634	DRS3113	111130	DRS3217	113499	DRS3339	111461
DRS2921	111728	DRS3114	111129	DRS3218	110412	DRS3343	111476
DRS2931	110155	DRS3115	111070	DRS3219	110723	DRS3343	111565
DRS2931	110256	DRS3115	114460	DRS3220	111030	DRS3343N	111476
DRS2932	110256	DRS3116	110585	DRS3223	111559	DRS3344	111565
DRS2932	111452	DRS3117	111070	DRS3223	112083	DRS3345	111108
DRS2933	110156	DRS3117	114460	DRS3224	110421	DRS3348	111728
DRS2950	110524	DRS3119	111251	DRS3225	110245	DRS3349	111472

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRS3350	111069	DRS3518	111760	DRS3648	111551	DRS3845	111731
DRS3353	111459	DRS3535	112251	DRS3650	113134	DRS3846	111305
DRS3354	111549	DRS3535N	112251	DRS3653	111681	DRS3847	111783
DRS3355	110142	DRS3545	110584	DRS3654	112295	DRS3848	111784
DRS3357	111312	DRS3545	111994	DRS3660	113846	DRS3849	111763
DRS3359	111566	DRS3546	111464	DRS3670	111107	DRS3850	110584
DRS3360	111131	DRS3547	111525	DRS3673	111097	DRS3850	110640
DRS3360	111269	DRS3549	111684	DRS3676	114119	DRS3853	111912
DRS3363	110415	DRS3551	110280	DRS3676N	114119	DRS3854	111551
DRS3364	110616	DRS3551	111634	DRS3679	112320	DRS3855	113757
DRS3365	110617	DRS3554	111123	DRS3679N	112320	DRS3856	112365
DRS3366	111097	DRS3555	112382	DRS3680	110536	DRS3858	112366
DRS3367	111006	DRS3557	112026	DRS3683	111685	DRS3859	112369
DRS3369	111214	DRS3558	111485	DRS3684	113446	DRS3861	110860
DRS3373	111454	DRS3561	110154	DRS3688	111300	DRS3861	111063
DRS3374	111182	DRS3561	110396	DRS3689	110584	DRS3863	112370
DRS3375	111385	DRS3561	110444	DRS3690	110545	DRS3863N	112370
DRS3376	110820	DRS3561	111681	DRS3693	111849	DRS3864	113313
DRS3378	111446	DRS3563	110337	DRS3696	111332	DRS3866	113314
DRS3378	111550	DRS3563	111053	DRS3697	112124	DRS3867	113314
DRS3379	113665	DRS3564	110337	DRS3699	112235	DRS3869	113445
DRS3380	113844	DRS3564	111131	DRS3703	110552	DRS3869N	113445
DRS3383	110323	DRS3565	111053	DRS3704	112214	DRS3878	112380
DRS3384	111455	DRS3565	111131	DRS3705	112213	DRS3885	112300
DRS3385	111386	DRS3566	110840	DRS3706	112217	DRS3887	113962
DRS3386	111785	DRS3567	112141	DRS3708	112322	DRS3888	113521
DRS3387	111556	DRS3567	112235	DRS3715	112304	DRS3897	112823
DRS3388	111556	DRS3568	111374	DRS3718	113662	DRS3899	112822
DRS3389	110411	DRS3571	110290	DRS3719	111865	DRS3899N	112822
DRS3394	111534	DRS3571	111022	DRS3720	113468	DRS3903	113254
DRS3394N	111534	DRS3571	113099	DRS3723	111970	DRS3904	113927
DRS3396	110438	DRS3574	111458	DRS3724	112215	DRS3905	113587
DRS3400	111423	DRS3576	111442	DRS3725	111730	DRS3906	113629
DRS3404	110831	DRS3576	112214	DRS3728	111971	DRS3910	113389
DRS3404	110840	DRS3576	113024	DRS3729	111608	DRS3913	113638
DRS3405	110640	DRS3577	111307	DRS3730	110206	DRS3913N	113638
DRS3405	113381	DRS3578	111276	DRS3733	111506	DRS3914	113318
DRS3406	111030	DRS3579	111080	DRS3734	111728	DRS3916	113323
DRS3406	111442	DRS3581	111458	DRS3735	112103	DRS3917	113319
DRS3407	110454	DRS3585	111685	DRS3738	113481	DRS3923	113329
DRS3407	110465	DRS3589	114123	DRS3739	112475	DRS3923N	113329
DRS3408	110465	DRS3590	111058	DRS3740	110365	DRS3924	113327
DRS3409	110465	DRS3590	113483	DRS3743	112295	DRS3924N	113327
DRS3410	112537	DRS3593	110441	DRS3745	111310	DRS3927	113020
DRS3420	110582	DRS3595	113038	DRS3748	113649	DRS3929	113925
DRS3423	110444	DRS3595	113040	DRS3749	111969	DRS3940	111025
DRS3425	110464	DRS3598	110947	DRS3755	111906	DRS3943	111306
DRS3426	111574	DRS3600	111489	DRS3758	112368	DRS3944	110574
DRS3427	110819	DRS3603	111382	DRS3764	111218	DRS3945	114199
DRS3428	110462	DRS3607	111488	DRS3770	112670	DRS3947	111885
DRS3430	110213	DRS3608	111303	DRS3773	112080	DRS3948	113932
DRS3440	110532	DRS3609	111473	DRS3775	111251	DRS3949	113926
DRS3447	110460	DRS3610	110847	DRS3776	112218	DRS3954	114388
DRS3450	112119	DRS3610	111122	DRS3778	112290	DRS3955	112474
DRS3456	111573	DRS3610N	110847	DRS3783	112656	DRS3957	113905
DRS3457	110831	DRS3611	111122	DRS3789	110461	DRS3957N	113905
DRS3458	110817	DRS3611N	111122	DRS3796	110442	DRS3958	114127
DRS3463	110460	DRS3613	111762	DRS3797	112821	DRS3959N	113307
DRS3464	110440	DRS3616	112083	DRS3797N	112821	DRS3960	110368
DRS3466	110831	DRS3617	114460	DRS3798	113928	DRS3963	113929
DRS3470	110865	DRS3618	111070	DRS3799	113701	DRS3964	112497
DRS3474	113346	DRS3620	110522	DRS3799N	113701	DRS3965	113938
DRS3475	111506	DRS3623	111251	DRS3801	110793	DRS3968	113908
DRS3476	112340	DRS3624	112218	DRS3805	113965	DRS3968N	113908
DRS3477	112819	DRS3625	112080	DRS3808	111724	DRS3969	113911
DRS3478	111821	DRS3625	113605	DRS3809	112014	DRS3969N	113911
DRS3479	111029	DRS3627	111103	DRS3817	112474	DRS3971	111447
DRS3480	110525	DRS3630	112125	DRS3818	112442	DRS3974	114106
DRS3483	111554	DRS3635	113361	DRS3823	112444	DRS3975	111374
DRS3484	111690	DRS3635N	113361	DRS3825	113794	DRS3975N	111374
DRS3484N	111690	DRS3636	112236	DRS3825N	113794	DRS3976	113933
DRS3490	110524	DRS3637	111463	DRS3826	112388	DRS3977	112382
DRS3501	110149	DRS3637	111708	DRS3828	113277	DRS3978	112382
DRS3501	110808	DRS3638	111550	DRS3836	113276	DRS3985	113897
DRS3508	110566	DRS3643	111455	DRS3836N	113276	DRS3985N	113897
DRS3511	110149	DRS3644	111984	DRS3838	112475	DRS3991	110473
DRS3511	110280	DRS3644	112033	DRS3839	113281	DRS4051	110249
DRS3511	110808	DRS3645	113936	DRS3841	110790	DRS4051	110312
DRS3516	111097	DRS3646	111785	DRS3845	111586	DRS4051	111442

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS4061	110312	DRS5178	111396	DRS7050	112116	DRS8450	114321
DRS4061	111442	DRS5200	111030	DRS7060	111906	DRS8480	113271
DRS4061	111546	DRS5260	110851	DRS7060N	111906	DRS8490	112441
DRS4071	110573	DRS5270	111030	DRS7070	111906	DRS8500	112438
DRS4071	110719	DRS5341	110386	DRS7070N	111906	DRS8571	111931
DRS4091	110718	DRS5341	110719	DRS7090	111636	DRS8611	111905
DRS4141	110809	DRS5420	112041	DRS7100	110212	DRS8630	113267
DRS4151	110292	DRS5430	110980	DRS7110	111911	DRS8680	112006
DRS4171	110291	DRS5490	111030	DRS7120	111123	DRS8770	113761
DRS4211	110310	DRS5540	110368	DRS7120N	111123	DRS8780	112581
DRS4331	111182	DRS5560	112817	DRS7180	111908	DRS8800	112437
DRS4331	111560	DRS5600	112308	DRS7190	112013	DRS8810	110532
DRS4332	111560	DRS5610	112454	DRS7220	112125	DRS8840	113286
DRS4341	111451	DRS5670	111231	DRS7230	111423	DRS8850	111347
DRS4361	111561	DRS5701	111214	DRS7230	112125	DRS8880	112445
DRS4451	110411	DRS5721	111543	DRS7250	112119	DRS8890	113292
DRS4461	110260	DRS5723	113022	DRS7260	111851	DRS8940	112430
DRS4461	110411	DRS5740	113745	DRS7260N	111851	DRS8950	112441
DRS4531	110253	DRS5751	111312	DRS7270	113980	DRS8960	112436
DRS4560	110981	DRS5751	111459	DRS7280	111752	DRS8960N	112436
DRS4570	112455	DRS5781	111447	DRS7290	112135	DRS9000	110206
DRS4590	111029	DRS5910	112125	DRS7300	113446	DRS9020	112071
DRS4600	111030	DRS5930	111421	DRS7310	112039	DRS9020	112555
DRS4610	110842	DRS5970	112286	DRS7320	111771	DRS9030	113346
DRS4610	111981	DRS5981	110807	DRS7330	112459	DRS9040	111015
DRS4620	111694	DRS6021	110575	DRS7381	112295	DRS9220	111456
DRS4630	112321	DRS6100	111983	DRS7391	112295	DRS9820	113181
DRS4680	113444	DRS6110	112131	DRS7420	113674	DRS9980	113446
DRS4690	111125	DRS6190	112167	DRS7420N	113674	DRT0070	113759
DRS4700	110836	DRS6240	111694	DRS7430	111855	DRT0170	112498
DRS4700	111619	DRS6290	111748	DRS7450	111904	DRT0230	113773
DRS4711	110365	DRS6300	111749	DRS7450N	111904	DRT0240	114163
DRS4730	111755	DRS6310	112133	DRS7460	111900	DRT0250	113842
DRS4740	111755	DRS6310	112286	DRS7470	111905	DRT0260	113841
DRS4740	111793	DRS6320	113483	DRS7490	111996	DRT0270	113678
DRS4800	111118	DRS6330	112321	DRS7500	111874	DRT0280	113509
DRS4803	111118	DRS6330	113761	DRS7500	112006	DRT0350	113513
DRS4803	111423	DRS6340	112052	DRS7510	112074	DRT0631	112367
DRS4810	111751	DRS6350	111131	DRS7520	111399	DRT0631	113244
DRS4810	111900	DRS6350	111750	DRS7530	111680	DRT0780	113515
DRS4820	111751	DRS6380	111347	DRS7530	113701	DRT0880	113608
DRS4820	112131	DRS6390	111065	DRS7530N	111680	DRT0900	114162
DRS4830	113847	DRS6390	112440	DRS7750	111793	DRT1190	113760
DRS4840	111400	DRS6431	111552	DRS7760	111910	DRT1200	112581
DRS4850	113482	DRS6441	111548	DRS7810	112224	DRT1240	113843
DRS4860	111055	DRS6470	112235	DRS7830	111909	DRT1360	114093
DRS4860	111123	DRS6500	111984	DRS7840	111641	DRT1480	113891
DRS4860	111127	DRS6520	110210	DRS7850	112117	DRT1480X	113891
DRS4860N	111123	DRS6550	112555	DRS7860	111640	DRT1490	113934
DRS4861	111127	DRS6570	110585	DRS7860N	111640	DRT1520	111637
DRS4870	110209	DRS6570	113481	DRS7920	111848	DRT1690	113183
DRS4890	112172	DRS6600	113753	DRS7940	111823	DRT1810	113959
DRS4900	111052	DRS6660	112818	DRS7950	112454	DRT2250	113859
DRS4900	111911	DRS6700	112166	DRS7980	112055	DRT2260	114073
DRS4900	114118	DRS6730	113644	DRS8010	111123	DRT2260X	114073
DRS4910	110206	DRS6740	111805	DRS8010N	111123	DRT2411	113962
DRS4910	110207	DRS6750	112306	DRS8020	111995	DRT2490	114052
DRS4920	110205	DRS6780	112309	DRS8040	112005	DRX08378	112165
DRS4971	110389	DRS6790	113750	DRS8040N	112005	DRX67095	111982
DRS4991	110149	DRS6800	112307	DRS8060	111817	DRX67131	110524
DRS4991	110808	DRS6800	113750	DRS8090	112116	DRX67149	111982
DRS4991	112215	DRS6840	112013	DRS8090N	112116	DRZ0100	110233
DRS5010	110585	DRS6860	112819	DRS8110	111015	DRZ0100	110325
DRS5010	111251	DRS6870	113752	DRS8210	110839	DRZ0100	110504
DRS5031	110253	DRS6880	111848	DRS8230	111131	DRZ0100	110505
DRS5040	112660	DRS6880N	111848	DRS8240	111131	DRZ0102	110075
DRS5040	113380	DRS6890	110847	DRS8240	111269	DRZ0103	110164
DRS5050	112497	DRS6900	111619	DRS8250	112537	DRZ0104	110170
DRS5090	112290	DRS6910	112308	DRS8270	112440	DRZ0109	110986
DRS5100	110227	DRS6920	112553	DRS8270N	112440	DRZ0110	110233
DRS5106	110224	DRS6950	112053	DRS8310	114460	DRZ0110	110234
DRS5118	110227	DRS6980	111900	DRS8310N	114460	DRZ0110	112448
DRS5150	111131	DRS6990	112306	DRS8340	111769	DRZ0111	110234
DRS5150	111750	DRS6990	113387	DRS8350	112431	DRZ0111	110235
DRS5150	113095	DRS7000	111900	DRS8370	113609	DRZ0111	112260
DRS5150N	111750	DRS7000	112286	DRS8380	112221	DRZ0112	110236
DRS5161	111425	DRS7020	113451	DRS8380N	112221	DRZ0113	110237
DRS5170	112536	DRS7041	111585	DRS8390	112429	DRZ0114	110239
DRS5173	111349	DRS7041N	111585	DRS8420	110582	DRZ0115	110300

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRZ0116	110325	DRZ0185	113054	DRZ5155	111034	5001014142	111331
DRZ0118	110427	DRZ0185	113055	DRZ5156	111183	5001014166	112113
DRZ0119	110985	DRZ0185	113056	DRZ5157	112584	5001014169	110163
DRZ0121	110488	DRZ0186	111192	DRZ5158	112592	5001014175	110163
DRZ0122	110492	DRZ0186	113051	DRZ5159	113225	5001014178	110889
DRZ0123	110498	DRZ0187	111199	DRZ5160	113222	5001014181	110889
DRZ0128	110503	DRZ0188	111200	DRZ5161	111425	5001014184	110163
DRZ0129	110233	DRZ0189	111815	DRZ5162	111490	5001014187	113465
DRZ0129	110235	DRZ0190	111395	DRZ5163	111456	5001014196	111231
DRZ0129	110504	DRZ0191	111232	DRZ5164	110221	5001014203	110512
DRZ0129	110505	DRZ0191	112994	DRZ5165	110602	5001014215	110512
DRZ0130	110505	DRZ0191	112995	DRZ5166	110999	5001014218	113262
DRZ0131	110233	DRZ0191	112996	DRZ5167	111000	5001014221	113466
DRZ0131	110471	DRZ0192	111390	DRZ5168	111760	5001014227	111231
DRZ0131	110502	DRZ0195	111223	DRZ5169	110799	5001014230	113134
DRZ0131	110505	DRZ0197	111530	DRZ5170	111786	5001306801	112189
DRZ0131	110508	DRZ0199	113235	DRZ5171	111190	5001824629	111231
DRZ0132	110591	DRZ0200	112195	DRZ5172	112301	5001831090	113261
DRZ0132	111261	DRZ0201	111814	DRZ5173	111349	5001833946	112113
DRZ0133	110724	DRZ0201	111815	DRZ5174	110218	5001833966	110163
DRZ0135	110514	DRZ0202	110238	DRZ5175	110436	5001837972	112159
DRZ0136	111813	DRZ0208	110504	DRZ5175	112089	5001847428	113673
DRZ0136	113052	DRZ0208	110505	DRZ5176	112341	5001849990	112441
DRZ0136	113064	DRZ0209	110801	DRZ5177	111492	5001853707	113673
DRZ0137	113051	DRZ0210	110801	DRZ5178	111396	5001853710	113676
DRZ0140	110408	DRZ5100	110224	DRZ5179	110229	5001853716	114100
DRZ0141	110540	DRZ5100	110227	DRZ5180	110226	5001859572	113466
DRZ0142	110801	DRZ5101	110509	DRZ5180	110227	5001860274	112189
DRZ0143	110952	DRZ5104	110347	DRZ5182	110221	5001866291	114212
DRZ0144	110499	DRZ5104	110999	DRZ5183	113115	5001866702	114193
DRZ0147	112636	DRZ5104	111000	DRZ5184	112846	5001874640	114244
DRZ0149	112637	DRZ5105	110223	DRZ5185	110216	5010050717	112113
DRZ0150	111389	DRZ5105	111000	DRZ5185	111034	5010050785	110163
DRZ0151	112627	DRZ5106	110224	DRZ5188	113695	5010058424	110163
DRZ0151	112629	DRZ5108	110953	DRZ5189	110347	5010058981	113262
DRZ0151	112640	DRZ5109	110228	DSR1167L	112365	5010090370	113466
DRZ0154	110499	DRZ5110	110230	RA00103	113711	5010090371	113465
DRZ0154	112448	DRZ5111	110216	RS41001	110241	5010090683	113466
DRZ0155	112880	DRZ5111	110218	RS41016	112145	5010090684	113465
DRZ0156	110503	DRZ5111	110347	RS41021	112156	5010096027	111231
DRZ0157	112126	DRZ5111	112897	X16478	111127	5010142367	112113
DRZ0158	110499	DRZ5112	110232			5010142768	112113
DRZ0160	111388	DRZ5114	110216	<b>RENAULT</b>		5010149022	112113
DRZ0161	110502	DRZ5114	112897	0000434120	110585	5010149120	110163
DRZ0163	112627	DRZ5115	110347	0025841042	113465	5010217215	110207
DRZ0164	112635	DRZ5115	110999	0025841044	113466	5010217533	111231
DRZ0165	112337	DRZ5115	111000	0028115085	111231	5010217956	113261
DRZ0166	112621	DRZ5116	110602	0028115088	111231	5010217961	112159
DRZ0167	112126	DRZ5117	110604	0028115089	111231	5010235982	112113
DRZ0168	110984	DRZ5118	110346	0855787900	112039	5010235984	110163
DRZ0169	110984	DRZ5119	110347	5000041221	113466	5010306000	112227
DRZ0170	111193	DRZ5119	110999	5000049122	110210	5010306007	112189
DRZ0170	113051	DRZ5120	112341	5000049124	113465	5010306143	113466
DRZ0170	113058	DRZ5121	110414	5000080750	110512	5010306413	113466
DRZ0170	113059	DRZ5122	110468	5000241777	110210	5010306533	113673
DRZ0170	113060	DRZ5123	110469	5000270909	110208	5010306592	113672
DRZ0170	113061	DRZ5124	111222	5000296466	111231	5010306631	114100
DRZ0170	113068	DRZ5125	110472	5000559254	113466	5010306777	113676
DRZ0172	112447	DRZ5126	110953	5000559361	113465	5010306801	112189
DRZ0173	112835	DRZ5127	110231	5000592182	110512	5010306910	113673
DRZ0174	112921	DRZ5128	110491	5000725698	110889	5010347544	112343
DRZ0175	112927	DRZ5129	110506	5000785288	111231	5010390082	112343
DRZ0176	111252	DRZ5130	110569	5000785698	110163	5010437728	114032
DRZ0176	112842	DRZ5131	110588	5000785715	111331	5010480196	113672
DRZ0177	111090	DRZ5132	110590	5000785941	110043	5010480435	113673
DRZ0177	112449	DRZ5133	110602	5000786439	110163	5010480878	112189
DRZ0177	112632	DRZ5133	111221	5000786512	111331	5010508379	113676
DRZ0178	112878	DRZ5134	112267	5000786538	110163	5010508380	113672
DRZ0179	111220	DRZ5144	110216	5000789048	110512	5010589525	114212
DRZ0179	112632	DRZ5144	110347	5000790629	111231	5010589551	114212
DRZ0179	112638	DRZ5144	111034	5000791211	113466	5830000132	111231
DRZ0182	110471	DRZ5146	112911	5000791383	111231	5830000632	111231
DRZ0182	110508	DRZ5147	110221	5000804191	110533	6000100325	110641
DRZ0182	113767	DRZ5149	113095	5000808251	110512	6000102270	110536
DRZ0183	110514	DRZ5150	111425	5000811448	110347	6000102394	110536
DRZ0184	111191	DRZ5150	113095	5000822346	110206	6000130300	110641
DRZ0184	113052	DRZ5151	112913	5001000061	110206	6000547927	110744
DRZ0184	113053	DRZ5152	112911	5001014133	110163	6000559751	110367
DRZ0185	111193	DRZ5153	111034	5001014136	111331	6001548553	113862

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6005001146	110536	7700377051	112441	7700740076	111063	7700861496	111513
6005003143	111144	7700377092	113280	7700747741	111124	7700862613	112696
6005003145	110178	7700414371	112679	7700748171	110889	7700862838	111333
6005003149	110641	7700416958	112679	7700749226	112795	7700862865	111512
6005003152	111332	7700421477	112144	7700749770	110835	7700864606	111520
6005003153	111332	7700422142	111775	7700750305	110866	7700864608	111641
6005003154	110565	7700422143	111719	7700750306	110866	7700865213	112295
6005003155	110536	7700422237	112199	7700751337	112744	7700865719	111251
6005003156	110536	7700424575	111932	7700751401	111072	7700865985	113605
6005003763	110641	7700424583	111934	7700751442	111072	7700866505	112295
6005007547	111086	7700424585	111934	7700751495	110835	7700866507	112695
6005007548	110819	7700424594	112715	7700754831	111072	7700867838	111641
6005007750	110178	7700424596	111722	7700754832	111144	7700870818	112165
6005011729	111332	7700426849	112471	7700754833	111163	7700871033	112695
6005012976	111755	7700427476	113245	7700754835	111171	7700871057	111251
6005016395	110536	7700427880	113577	7700754850	111319	7700872258	112165
6005700082	110819	7700427932	112144	7700754852	111319	7700872348	112165
6005700083	110178	7700429310	112144	7700754853	111179	7700875450	113761
6005700084	110641	7700430181	111722	7700757741	111124	7700872258	112165
6005701121	111289	7700430183	112473	7700758217	110585	7701015006	110766
6005701122	111086	7700430579	112473	7700758336	110744	7701028780	110819
6005701125	111332	7700431943	112458	7700759289	111063	7701028801	110178
6005701129	111086	7700431944	112470	7700759861	111333	7701028804	111086
6006000076	110889	7700431945	111719	7700761416	112295	7701030289	110819
6010347544	112343	7700431946	111775	7700762458	112728	7701032400	111086
6021330030	110367	7700432331	112199	7700764382	111082	7701042288	112557
7420466317	114212	7700434899	112144	7700764429	111114	7701056687	112475
7420732977	114193	7700434900	112144	7700764766	110754	7701067297	112103
7420853850	114212	7700436623	111722	7700767420	111082	7701348278	111064
7420862899	114212	7700436624	111934	7700773470	111144	7701348482	110860
7485003131	114032	7700436627	111934	7700777478	112295	7701348548	110754
7485115899	114032	7700436671	112059	7700779362	110754	7701348746	110856
7700004148	110641	7700499251	111082	7700780507	112728	7701348964	110367
7700010614	110178	7700499460	111082	7700780773	112755	7701349263	110920
7700012723	110641	7700501670	111332	7700780774	111179	7701349264	110585
7700017032	110178	7700509355	110367	7700784482	111325	7701349591	110866
7700026780	111332	7700509855	110367	7700784890	111325	7701351026	112541
7700046893	111332	7700519797	111332	7700784891	111325	7701351027	110585
77000668173	114050	7700525064	111332	7700784977	111082	7701351052	110920
7700100647	111251	7700525547	111332	7700784979	113500	7701351120	110835
7700101274	112144	7700543483	110367	7700786409	110905	7701351390	111251
7700101279	112199	7700561416	110856	7700791211	111082	7701351391	112295
7700103386	112818	7700569256	110367	7700793594	111171	7701351392	112295
7700104346	111905	7700569257	110367	7700796221	112751	7701351394	110367
7700104674	112218	7700572689	110866	7700796488	111251	7701351399	111661
7700105119	112218	7700621302	110856	7700796768	112728	7701351757	111325
7700105333	111718	7700622528	111068	7700796914	111319	7701351758	112751
7700105539	112059	7700622529	111068	7700796943	111322	7701351759	113500
7700106209	112295	7700622951	110367	7700803325	113789	7701351762	111171
7700106426	113481	7700625428	111063	7700805158	113487	7701351764	111319
7700106500	111775	7700625429	111063	7700807041	111082	7701351772	111251
7700106501	111719	7700627394	111332	7700808647	111319	7701352045	113789
7700106763	113481	7700638420	110367	7700810256	110905	7701352047	113789
7700107124	111722	7700650287	110866	7700811462	111326	7701352050	113481
7700113207	113481	7700662371	110744	7700814146	111326	7701352055	111114
7700113208	113481	7700662415	110744	7700814147	111326	7701352115	111326
7700113209	112295	7700665435	110641	7700817232	113789	7701352119	112790
7700113627	113929	7700665612	111072	7700820449	113789	7701352121	112792
7700114428	112308	7700665613	112541	7700820794	111803	7701352122	112789
7700115294	113761	7700681068	111064	7700851490	111124	7701352125	110889
7700115479	112474	7700694096	110866	7700851491	111063	7701352209	111803
7700116260	112474	7700703490	110585	7700852395	112769	7701352210	113753
7700260505	110835	7700709420	111163	7700852853	112295	7701352304	112682
7700260710	111333	7700710343	112739	7700853827	111251	7701352350	110585
7700260898	112789	7700710373	111661	7700854954	110585	7701353119	112790
7700260935	112791	7700710963	111163	7700854955	111251	7701353827	111251
7700268275	110835	7700710964	111072	7700856247	112792	7701361053	111661
7700272482	110585	7700714313	110889	7700856249	112790	7701362052	110889
7700274303	111251	7700715102	111063	7700857073	112679	7701381535	110889
7700274351	111251	7700721797	112744	7700857074	111511	7701381632	110856
7700300407	111937	7700721977	112744	7700857075	111511	7701381633	110367
7700300408	112057	7700729300	112744	7700857460	112790	7701381640	110835
7700300522	112103	7700730273	110905	7700858114	111905	7701381644	111114
7700301993	113134	7700730363	112744	7700858375	111905	7701381647	113134
7700308989	112076	7700730364	111322	7700858442	113753	7701474326	113945
7700313447	112103	7700730756	113134	7700859724	111803	7701474416	113940
7700348548	110754	7700731740	110889	7700860915	113481	7701476808	113945
7700352049	111251	7700734240	110905	7700860976	112682	7701476810	112144
7700352050	110585	7700735712	112295	7700861013	112295	7701478093	113940

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>RENAULT</b> <i>Continued</i>							
7701499199	..110856	7711134622	..112103	8200458765	..114074	GNU4737	..111442
7701499200	..110367	7711134758	..113249	8200466763	..113481	GNU4773	..112214
7701499207	..110754	7711134792	..112474	8200495301	..113248	GNU4814	..113346
7701499208	..111072	7711134795	..112165	8200495302	..112471	GNU4900	..113346
7701499219	..111064	7711135112	..113945	8200495304	..113245	NAD000090	..113446
7701499220	..110860	7711135333	..113919	8200495305	..113919	NAD10033	..113346
7701499225	..112739	7711135519	..114122	8200537415	..113862	NAD10038	..111865
7701499229	..112295	7711135521	..113927	8200538407	..112471	NAD100380	..111865
7701499230	..112744	7711135812	..113837	8200538408	..113919	NAD100390	..112439
7701499231	..112744	7711135849	..113932	8200538815	..113248	NAD10046	..111269
7701499233	..111063	7711368323	..112475	8200538816	..113245	NAD100580	..113928
7701499234	..110860	7711497093	..112471	8200568535	..114074	NAD100740	..113346
7701499237	..111144	7711497095	..113940	8200584658	..113927	NAD100750	..113346
7701499238	..112755	7711497098	..113945	8200584675	..113897	NAD100790	..113361
7701499246	..111114	7711497099	..112457	8200584685	..113927	NAD101070	..113346
7701499247	..110585	8200018818	..112475	8200584843	..113897	NAD101080	..113346
7701499248	..111163	8200021396	..113927	8200590255	..113248	NAD101090	..113601
7701499249	..112744	8200030635	..112144	8200621305	..114074	NAD101140	..113965
7701499250	..111322	8200040415	..112474	8200628419	..112474	NAD101190	..111865
7701499251	..111082	8200049826	..112218	8200628426	..112474	NAD101240	..113662
7701499252	..110905	8200050150	..113761	8200628430	..114074	NAD101260	..113346
7701499253	..111082	8200054336	..112474	8200634602	..112475	NAD101340	..113281
7701499258	..111072	8200054588	..112458	8200634603	..112475	NAD101420	..113601
7701499288	..111179	8200060488	..113577	8200654541	..114131	NAD101420E	..113601
7701499433	..110920	8200060816	..113403	8200660035	..113837	NAD101490	..111865
7701499436	..112756	8200064344	..113403	8200660037	..114131	NAD101500	..113965
7701499437	..112751	8200064465	..112474	8200660040	..112144	NAD101520	..113601
7701499438	..113500	8200064685	..112458	8200660045	..113403	NAD500210	..112439
7701499440	..111171	8200065730	..113403	8200667603	..113940	PAC500270	..113959
7701499444	..113789	8200075362	..112474	8200667605	..112199	PRC6578	..111865
7701499451	..111072	8200082782	..112218	8200667608	..113940	RTC6061N	..111865
7701499452	..112739	8200086130	..113248	8200690190	..112471	STC2227	..111788
7701499456	..111072	8200086162	..113919	8200690202	..113245	YLE000040	..112426
7701499459	..111841	8200096510	..112474	8200692863	..112144	YLE000051	..112468
7701499461	..111095	8200100907	..113940	8200692865	..112144	YLE000070	..113407
7701499463	..111163	8200103726	..112144	8200692868	..113837	YLE000090	..114352
7701499466	..112541	8200103744	..112199	8200692869	..114122	YLE000260	..112472
7701499467	..110585	8200106788	..112475	8200727051	..112144	YLE10011	..110770
7701499468	..110866	8200107686	..112458	8200728292	..114354	YLE10018	..111364
7701499473	..110367	8200107688	..112473	8953002125	..111490	YLE10019	..111738
7701499478	..110835	8200112065	..113249	8953002577	..112541	YLE10021	..111364
7701499479	..111063	8200120286	..112457	8982775029	..113500	YLE10025	..112238
7701499480	..111063	8200120571	..112473	8200064465B	..112474	YLE10035	..111738
7701499482	..110585	8200121413	..111719			YLE10050	..111364
7701499484	..111064	8200122976	..113945			YLE10065	..112722
7701499490	..111172	8200130624	..112475	<b>ROMANIA (E/P)</b>		YLE10066	..110770
7701499495	..110744	8200143045	..113929	2130	..110640	YLE10067	..111355
7701499597	..112695	8200153713	..113245	DM1130	..110639	YLE10072	..111738
7701499601	..112295	8200162474	..112471	DM1132	..110639	YLE10075	..112021
7701499604	..111513	8200175210	..114122	DM2120	..110640	YLE10082	..111364
7701499615	..113605	8200182178	..113932	DM2130	..110640	YLE10083	..112324
7701499645	..112744	8200186144	..113761	DM2134	..110640	YLE10088	..110891
7701499646	..112744	8200190721	..113837	DM2138	..110529	YLE10099	..113763
7701499648	..111068	8200193100	..112059	DM2140	..110367	YLE10105	..111176
7701499649	..110866	8200205612	..112473	DM2140	..110866	YLE10113	..112021
7701499651	..114095	8200206251	..113245	DM2146	..110367	YLE10118	..113763
7701499959	..111718	8200225336	..112475	DM91134	..110639	YLE10124	..112025
7702004621	..110367	8200227092	..113927	DM92140	..110367	YLE101520	..111756
7702007262	..110367	8200229907	..114353			YLE101530	..112202
7702046211	..110367	8200251007	..113897	<b>ROVER GROUP</b>		YLE101560	..112238
7702082972	..113753	8200262462	..114122	ADU7457	..111006	YLE101570	..111355
7702102137	..110367	8200266777	..113932	AMR4248	..112021	YLE101580	..111355
7702111083	..110367	8200285128	..113897	AMR5425	..112021	YLE101640	..111289
7702145531	..111082	8200290217	..113919	AMR5425E	..112021	YLE101730	..111993
7702145739	..111163	8200306595	..113897	ERR5009	..112439	YLE101790	..112203
7702146495	..112295	8200331251	..112474	ERR5445	..112533	YLE101870	..112324
7702150654	..111325	8200369521	..114095	ERR6999	..114300	YLE101890	..114241
7709758174	..110585	8200373636	..112457	GEU2255	..111356	YLE102020	..112472
7711134216	..113577	8200385098	..113862	GNU2327	..111578	YLE102060	..114242
7711134260	..111251	8200386806	..113940	GNU2331	..111364	YLE102200	..111176
7711134267	..112059	8200390667	..114354	GNU2333	..112705	YLE102400	..114147
7711134297	..113929	8200392926	..111718	GNU2335	..111841	YLE102420	..112414
7711134312	..113248	8200399594	..113897	GNU2336	..112324	YLE102430	..112414
7711134316	..112471	8200402016	..114074	GNU2393	..112238	YLE102500	..112472
7711134329	..113245	8200404300	..113837	GNU2478	..111756	YLE102500L	..112472
7711134330	..112475	8200406207	..114131	GNU2480	..111993	YLE500090	..114352
7711134530	..112218	8200426577	..113927	GNU2521	..112203	YLE500170	..113881
7711134564	..112144	8200429898	..114131	GNU2562	..112472	YLE500180	..112468
7711134617	..111937	8200438148	..112144	GNU4558	..111006		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>SAMSUNG</b>		571438	111886	71420102	110127	ES200S	112161
7383-10000	112365	571453	112119	71427002	110048	M0101	110637
<b>SAWAFUJI</b>		571454	110214	71427012	110048	M0101PSE	112250
0201-102-3015	114423	571461	110211	71427052	110127	MO101/10	111645
0330-402-0010	114337	571462	112224	71427102	110127	PN0001	112339
0330-402-0011	114337	571463	111910	71427302	110127	PN0001A	113737
0330-402-0012	114337	571464	112437	71429702	110127	PN001/3	111646
0330-402-0310	114337	571467	113891	71429802	110127	<b>SKODA → VOLKSWAGEN</b>	
0330-402-0311	114337	571468	113859	71430402	110127	<b>SSANG YONG</b>	
0330-402-0320	114337	571497	112424	71470302	110127	0091543002	112529
0350-402-0111	113130	571498	111886	71470402	110048	1621543002	112530
0350-402-0112	113130	571499	113514	71470502	110127	6611513101	111065
0350-402-0113	113130	571500	110043	71470602	110048	6611513201	111065
0350-402-0115	113130	571501	110043	71473602	110127	6611513401	111065
0350-402-0210	113130	571503	110043	71473802	110048	6611513501	111065
0350-402-0211	113130	571505	110076	71490502	110052	6611513701	112440
0350-402-0327	113130	571506	110076	71490702	110052	6611513801	112470
0350-502-0130	110616	571516	111527	71490802	110052	6611513901	111065
0350-502-0131	110616	571518	112076	71491002	110052	6621543202	112578
0350-552-0014	114337	571518	112758	71523002	110127	6621544102	112578
0350-552-0061	114337	571519	112343	71523102	110127	A1621543002	112530
0350-552-0311	114017	571520	112343	71543002	110052	A6621543202	112578
0350-552-0321	113130	571523	111720	71554102	110112	A6621544102	112578
0350-552-0322	113130	571527	111720	71636402	110916	<b>STEYR → MERCEDES BENZ</b>	
0350-552-0323	113130	571613	114028	71651902	110754	<b>SUBARU</b>	
0350-552-0325	113130	1105367	112757	71652002	110897	21070-50200	112659
0350-552-0326	113130	1105368	112076	71652102	111155	21070-50210	112659
0350-552-0330	114017	1117252	111834	71653102	110897	23300-KA010	111182
0350-552-0357	114441	1332903	112224	71653202	111155	23300-KA020	110696
0350-602-0118	114344	1335929	112224	71716600	112230	23300-KA030	111560
0350-602-0261	114421	1336136	111886	71770102	111144	23300-KA031	111560
0350-702-0024	114345	1357709	111910	71770202	111144	23300-KA032	111560
0350-702-0025	114345	1371679	111720	71473902(2)	110048	23300-KA040	111560
0350-702-0180	114345	1377400	111720	<b>SMART</b>			
0350-702-0226	114345	1382290	112437	0001477V006	114051	23300-KA120	111182
0350-702-0294	114345	1394969	111886	0002801V003	114025	23300-KA140	111182
0350-702-0339	114345	1397038	113514	0002801V004	114025	23300-KA190	111182
0351-602-0410	112503	1404788	110527	0002801V005	112384	23300-KA210	111182
0351-602-0411	112503	1409378	111886	0002801V006	112384	23300-KA220	111182
0351-602-0412	112503	1409379	113514	0003188V004	112380	23300-KA221	111182
0351-602-0413	112503	1409380	111886	0003188V005	112380	23300-KA250	111182
0355-502-0019	114436	1433688	111720	0003188V006	112380	23300-KA270	111182
0355-502-0040	114436	1433689	111720	0003188V007	112380	23300-KA280	111182
0355-502-0041	114436	1440768	111720	0003188V008	112380	23300-KA290	111182
<b>SCANIA</b>		1440769	111720	0003250V007	114025	23300-KA370	111182
160675	112343	1447911	113891	0003250V008	114025	23300-AA010	110295
163394	110214	1447912	113859	0003250V009	112384	23300-AA020	111451
183868	110527	1475570	114028	0003250V010	112384	23300-AA040	110295
257592	111834	1796026	113891	0003250V011	112384	23300-AA050	111451
263356	110527	2031368	113891	0004717V005	114040	23300-AA100	111560
279698	110043	2809251	111720	0004717V006	114040	23300-AA180	110295
279699	110043	4434056	111675	Q0002801V003000000	114025	23300-AA190	111451
<b>SEAT → VOLKSWAGEN</b>		<b>SEV</b>					
309220	110212	26650	110745	Q0002801V005000000	112384	23300-AA200	111552
310563	110527	70229002	110048	Q0002801V006000000	112384	23300-AA210	111451
326353	110043	70229102	111397	Q0003188V004000000	112380	23300-AA220	111552
349575	112119	70229502	111397	Q0003188V005000000	112380	23300-AA230	111454
349576	110214	70229602	111397	Q0003188V006000000	112380	23300-AA270	111552
349578	110212	70229702	110127	Q0003250V007000000	114025	23300-AA280	111552
349579	110211	70229802	111397	Q0003250V008000000	114025	23300-AA300	111451
354858	110076	70230002	111397	Q0003250V009000000	112384	23300-AA351	113504
357736	110076	70230202	111397	Q0003250V010000000	112384	23300-AA361	113646
371972	110076	70230302	111397	Q0003250V011000000	112384	23300-AA380	111552
410676	110076	70230502	111397	3ES0110FUS	111789	23300-AA381	111552
420247	112343	71212702	110887	3ES0200S	112161	23300-AA420	111552
460675	112343	71226802	110745	3M0101	110637	23300-AA450	111552
472302	112343	71229002	110745	3M0101PSE	112250	23300-AA460	111451
475885	112424	71233002	110931	3M0110/10	111645	23300-AA560	111552
0518064	114028	71236002	111139	3PN0001	112339	23700-KA000	110696
549276	111720	71249002	110052	3PN0001/3	111646	23700-KA020	110696
571167	112224	71270702	110887	3PN0001H	114252	23700-KA021	110696
571168	111910	71271402	110887	ES0110FUS	111789	23700-KA030	110696
571414	112757	71273402	110048	ES110FUS	111789	23700-KA031	110696
571416	111886	71314202	111226				
571419	112424	71340002	110052				
571420	110527						
571427	111910						

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>TECUMSEH</b>		44-8902	110487	27020-15020	110273	27020-31120	110139
32423	112570	44-8903	110487	27020-15021	110273	27020-32011	110138
32468	112564	44-8904	110488	27020-15022	110273	27020-33010	110138
33306	112312	44-8939	110487	27020-15030	110273	27020-33011	110138
33329	112570	44-8940	110488	27020-15140	110273	27020-33020	110138
33519	112570	44-8950	111216	27020-16030	110250	27020-33021	110138
33605	112312	44-9571	111216	27020-16040	110250	27020-33022	110138
33606	112312	44-9572	113716	27020-18010	110138	27020-33030	110138
33835	112313	44-9716	113716	27020-18011	110138	27020-33036	110138
35096	112570	44-9750	110487	27020-21010	110138	27020-33040	110138
35763	112312	44-9751	110487	27020-21011	110138	27020-34010	110139
35765	112564	44-9752	110487	27020-22010	110137	27020-34011	110139
36264	112565	44-9753	110488	27020-22011	110137	27020-34012	110139
36463	112312	44-9754	110487	27020-22012	110137	27020-34020	110139
36680	112312	44-9755	110488	27020-22020	110137	27020-34021	110139
36795	112565	45-1170	110934	27020-22021	110137	27020-34030	110138
37000	112570	45-1251	110486	27020-22022	110137	27020-34031	110138
37425	112566	45-1263	110820	27020-23011	110137	27020-34050	113048
32468A	112564	45-1312	110485	27020-23012	110137	27020-34051	110139
32468B	112564	45-1335	110485	27020-23021	110137	27020-35040	113048
33329A	112570	45-1671	110820	27020-23022	110137	27020-36021	110138
33329B	112570	45-1688	112371	27020-24010	110137	27020-36041	110138
33329C	112570	45-1718	110485	27020-24020	110137	27020-36042	110138
33329D	112570	45-1993	110820	27020-24021	110137	27020-36043	110138
33329E	112570	45-220	112249	27020-24030	110139	27020-36060	110138
33519A	112570	45-267	112249	27020-24031	110138	27020-36061	110138
33519B	112570	45-338	112249	27020-24050	110138	27020-36070	110138
35763A	112312	45-5657	111683	27020-24060	110138	27020-36071	110138
35765A	112564	45-904	110486	27020-24061	110138	27020-36080	110138
<b>THERMO KING</b>		46-237	111043	27020-24062	110138	27020-37071	110139
1E32215G01	111216	46-2663	112249	27020-24063	110138	27020-38011	110138
20-44-3325	110164	46-304	111043	27020-24070	110139	27020-38012	110137
25-35458-00	110246	46-372	111043	27020-24080	110139	27020-38013	113048
25-35465-00	110246	46-452	111043	27020-24081	110139	27020-38014	113048
27D2786G01	110487	46-462	111043	27020-24090	110137	27020-38020	110139
2D72785G01	110487	46-587	111043	27020-25010	110138	27020-38021	110139
2D72786G01	110487	46-781	111043	27020-25021	110138	27020-38031	110138
2D72786G03	110487	581100-103-0	110355	27020-26020	110138	27020-38040	113048
2D72787G01	110488	5D33839G01	111216	27020-26021	110138	27020-38041	113048
2D72787G02	110488	5D35740G01	110487	27020-26022	110138	27020-38050	113048
30-363-03	110371	5D35741G01	110487	27020-26031	110138	27020-38051	113048
3041C58G01	112249	5D35741G02	110487	27020-26032	110138	27020-38120	110138
3185C37G01	110590	5D35741G03	110487	27020-26040	110138	27020-39020	110138
3D97385G01	110487	5D35741G04	110487	27020-26050	110138	27020-40060	110138
3D97386G01	110487	5D35742G01	110488	27020-26051	110138	27020-40061	110138
3D97386G03	110487	5D35742G02	110488	27020-26060	110139	27020-40062	110138
3D97387G01	110488	5D35742G03	110488	27020-26061	110139	27020-41032	110138
3D97387G02	110488	5D37920G01	113716	27020-26063	110139	27020-41033	110138
4006D20G01	110164	5D38603G01	111216	27020-26080	110138	27020-41034	110138
4006D20G02	110164	5D38604G01	113716	27020-26090	110138	27020-41061	110139
4116D22G03	110487	5D50461G01	113716	27020-26091	113048	27020-44030	110138
4117D21G01	110177	<b>TOYOTA</b>		27020-26100	113048	27020-44042	110138
4117D21G02	110177	00591-33580-81	111495	27020-26101	113048	27020-45031	110248
41-5458	111216	00591-55973-81	111495	27020-26102	113048	27020-45071	112763
41-6780	111216	27020-10940	110563	27020-26110	110138	27020-54150	114203
41-6781	113716	27020-12011	110137	27020-26110	110139	27020-54250	111483
41-7912	111216	27020-12012	110137	27020-26111	110139	27020-54352	111483
41-7913	113716	27020-12030	110137	27020-26121	110139	27020-54354	111483
41-7914	113716	27020-12040	110139	27020-26150	110138	27020-54383	112054
44-2918	110355	27020-13010	110138	27020-29010	110138	27020-56110	111613
44-3325	110164	27020-13013	110138	27020-31010	110138	27020-56180	111484
44-4021	110175	27020-13020	110139	27020-31011	110138	27020-56230	111613
44-4731	110590	27020-13021	110139	27020-31020	110137	27020-56320	111597
44-4751	110590	27020-13022	110139	27020-31030	110137	27020-60070	110138
44-5443	110355	27020-13030	110258	27020-31031	110137	27020-63010	110250
44-5674	111683	27020-13050	110138	27020-31032	110137	27020-64020	110684
44-6257	110177	27020-13060	110138	27020-31033	110137	27020-64030	110684
44-6266	110177	27020-13070	110138	27020-31034	110137	27020-64080	110684
44-7154	110487	27020-13080	110138	27020-31040	110138	27020-64100	110684
44-7155	110487	27020-13110	110274	27020-31041	110138	27020-64160	110684
44-7156	110488	27020-13140	110274	27020-31042	110138	27020-68040	111596
44-7376	110487	27020-13160	110274	27020-31043	110138	27020-68130	111596
44-7924	110487	27020-13170	110274	27020-31050	110137	27020-72010	110248
44-7925	110487	27020-13210	110138	27020-31051	110137	27020-72030	110248
44-7927	110488	27020-13220	110138	27020-31071	110138	27020-72050	110248
44-8091	110487	27020-13240	110139	27020-31080	110138	27020-72060	110248
44-8901	110487	27020-13290	110138	27020-31090	110137	27020-72200	110248
		27020-15010	110273	27020-31110	110139	27020-72230	110248
				27020-31111	110139	27020-72240	110248



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>TOYOTA</b> <i>Continued</i>							
27020-78601-71	110563	27040-64120	110684	27060-16011	110496	27060-33030	114012
27020-87102	110137	27040-64130	110686	27060-16012	110496	27060-33040	114206
27020-87103	110137	27040-64131	110686	27060-16030	113806	27060-33050	113970
27020-87209	110137	27040-64140	110686	27060-16040	110678	27060-33051	113970
27020-87216	110258	27040-64141	110686	27060-16041	111705	27060-35060	113077
27020-87507	110258	27060-02020	110682	27060-16042	110678	27060-35061	113077
27020-87509	110258	27060-02040	111579	27060-16050	110496	27060-35071	113077
27020-87701	110138	27060-02050	112860	27060-16051	110496	27060-35081	113077
27020-87702	110138	27060-02060	112860	27060-16060	111705	27060-35120	113077
27020-87705	110137	27060-02061	112860	27060-16080	110681	27060-35130	113077
27020-96601	110563	27060-02070	112860	27060-16081	110681	27060-35150	113083
27030-54190	111483	27060-02100	112860	27060-16082	110681	27060-35160	113092
27030-54241	111483	27060-03040	111468	27060-16090	110496	27060-42030	111705
27030-54242	111483	27060-03050	111468	27060-16091	110496	27060-43050	111428
27030-54243	111483	27060-03060	111468	27060-16122	110682	27060-43060	111428
27030-54244	111483	27060-0A020	113081	27060-16140	110682	27060-43062	111428
27030-54250	111483	27060-0A040	114595	27060-16141	111705	27060-43090	111428
27030-54251	112054	27060-0A090	113081	27060-16151	110496	27060-43110	111428
27030-54252	112054	27060-0D010	113627	27060-16160	110682	27060-43111	111428
27030-54253	112054	27060-0D020	113296	27060-16170	110682	27060-43120	111428
27030-54260	111483	27060-0D030	113296	27060-16180	110681	27060-43990	110675
27030-54261	111483	27060-0D050	114361	27060-16190	110681	27060-46050	113089
27030-54262	111483	27060-0D060	114361	27060-16230	110682	27060-46060	113089
27030-54263	111483	27060-0D160	113296	27060-16260	110682	27060-46140	113089
27030-56080	111613	27060-0F020	114434	27060-16280	111705	27060-46200	113227
27030-56090	111613	27060-0J010	114005	27060-16320	111517	27060-46250	113089
27030-56150	111484	27060-0J020	114006	27060-16350	111517	27060-50010	113085
27030-56220	111613	27060-0J030	114005	27060-16370	112860	27060-50011	113085
27030-56250	111613	27060-0J040	114006	27060-16390	112860	27060-50040	112181
27030-56320	111597	27060-0L020	114024	27060-16430	112860	27060-50070	113090
27030-56340	111613	27060-0L021	114024	27060-16460	112860	27060-50080	113090
27030-64111	111615	27060-0L022	114024	27060-17010	111780	27060-50140	113090
27030-64120	111615	27060-0L080	114024	27060-17020	111780	27060-50250	114433
27030-64130	111615	27060-0L081	114024	27060-17030	111781	27060-50470	111605
27030-64140	111615	27060-0N011	114291	27060-17060	111782	27060-54080	111605
27030-68040	111596	27060-0Q010	114090	27060-17131	113202	27060-54140	111963
27030-68120	111596	27060-0Q011	114090	27060-17160	112360	27060-54210	111601
27030-YE010	114372	27060-0Q020	114099	27060-17170	112356	27060-54290	111963
27040-54030	114203	27060-0Q021	114099	27060-17171	112356	27060-58010	111616
27040-54050	114203	27060-0Q040	114311	27060-17220	112356	27060-58020	111603
27040-54060	114203	27060-0Q130	114099	27060-18010	110496	27060-58090	111603
27040-54080	114203	27060-10010	110496	27060-20010	113081	27060-58220	112211
27040-54100	114203	27060-10011	110496	27060-20020	113081	27060-58260	114363
27040-54130	111605	27060-10030	110628	27060-20040	113626	27060-61090	113557
27040-54151	114203	27060-10050	110628	27060-20070	113081	27060-61091	113557
27040-54160	111605	27060-10051	110628	27060-20090	114595	27060-62011	111480
27040-54190	111605	27060-10060	110496	27060-20120	113081	27060-62012	111480
27040-54191	111605	27060-10061	110496	27060-22020	114361	27060-62070	113093
27040-54210	111605	27060-10070	110628	27060-22030	114361	27060-62090	111965
27040-54220	111605	27060-10071	110628	27060-22040	114361	27060-62160	114362
27040-54230	111605	27060-10080	110628	27060-22100	114361	27060-62190	114362
27040-54240	111605	27060-10090	110496	27060-22120	114361	27060-63012	110678
27040-54272	114203	27060-10100	110628	27060-22130	114361	27060-63020	111705
27040-54280	111963	27060-11000	110628	27060-22160	114361	27060-63021	111705
27040-54290	111961	27060-11030	110681	27060-22180	114361	27060-63030	110678
27040-54300	111963	27060-11041	111729	27060-22190	114361	27060-63031	110678
27040-54310	111963	27060-11050	110496	27060-23030	114231	27060-63040	110678
27040-54320	111601	27060-11120	110496	27060-23061-71	112252	27060-63041	110678
27040-54340	111601	27060-11160	110496	27060-27040	114115	27060-63060	110678
27040-54350	111960	27060-11170	111518	27060-27060	114101	27060-63061	110678
27040-54360	114369	27060-11200	113636	27060-27070	114115	27060-63080	111705
27040-54370	111963	27060-11250	111678	27060-27090	114010	27060-63081	111705
27040-54380	111963	27060-11260	111678	27060-27100	114115	27060-63082	111705
27040-54410	111963	27060-11270	111518	27060-28060	113902	27060-63100	110678
27040-54440	111963	27060-11280	111518	27060-28070	114273	27060-63101	111705
27040-54450	111963	27060-11281	111518	27060-28080	113902	27060-63102	110678
27040-54500	111963	27060-11320	111518	27060-28090	113902	27060-64021	110685
27040-54580	111963	27060-11340	111518	27060-28100	113902	27060-64030	110685
27040-64010	114203	27060-15040	113084	27060-28110	114186	27060-64080	111507
27040-64020	110684	27060-15041	113084	27060-28120	114186	27060-64100	111507
27040-64030	110684	27060-15080	111579	27060-28260	114273	27060-64130	111598
27040-64050	110685	27060-15090	111579	27060-30010	114024	27060-64150	111598
27040-64051	110685	27060-15100	111579	27060-30020	114024	27060-64170	112363
27040-64060	110684	27060-15110	111579	27060-30040	114024	27060-64270	112363
27040-64070	110684	27060-15120	111579	27060-30050	114024	27060-65010	111580
27040-64080	110684	27060-15130	111579	27060-30060	113969	27060-65020	111580
27040-64090	110684	27060-15140	111579	27060-30130	113969	27060-66070	113078
27040-64100	110684	27060-15150	111579	27060-30150	114024	27060-67010	112063
27040-64110	110684	27060-16010	110496	27060-30151	114024	27060-67020	112063

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
27060-67030	112063	27060-87512	111437	28100-16140	110713	28100-34010	110152
27060-67070	112063	27060-87603	111610	28100-16150	112033	28100-34020	110152
27060-67110	112063	27060-87Z06	111437	28100-16160	111455	28100-34040	110411
27060-72010	110675	27060-96001	110620	28100-16180	111984	28100-34042	110411
27060-72050	110675	27060-97202	113306	28100-16190	112033	28100-34043	110411
27060-72060	110675	27060-OD060	114361	28100-16210	110713	28100-34044	110411
27060-72061	110675	27060-YU020	113755	28100-16220	113106	28100-34052	110411
27060-72062	111428	27060-YV010	112469	28100-16230	111455	28100-34053	110411
27060-72070	111428	27060-YV020	113755	28100-16270	111984	28100-34060	110260
27060-72071	111428	27070-23000-71	111017	28100-17010	113239	28100-34070	110152
27060-72080	111616	27070-23001-71	111018	28100-17020	111679	28100-34080	110260
27060-72081	111616	28100-01030	110713	28100-17030	111679	28100-34090	110152
27060-72090	111428	28100-02040	111984	28100-17040	113239	28100-34100	110260
27060-72100	111428	28100-02050	113106	28100-17050	112366	28100-35020	110411
27060-72101	111428	28100-02060	111984	28100-17060	113239	28100-35030	110260
27060-72110	111616	28100-02080	111984	28100-17090	113239	28100-35040	110411
27060-72111	111616	28100-03030	111544	28100-20540	110152	28100-35060	110411
27060-72120	111428	28100-03070	111550	28100-20550-71	110411	28100-35090	113108
27060-72121	111428	28100-03100	112367	28100-20551-71	110411	28100-35100	113109
27060-72160	110675	28100-05030	112336	28100-20552	110411	28100-35140	110411
27060-72171	110675	28100-05801	110397	28100-20552-71	110411	28100-36020	110152
27060-73020	113715	28100-07010	113119	28100-20553-71	110411	28100-36030	110152
27060-74010	111705	28100-08010	111874	28100-20557	110411	28100-36040	110152
27060-74020	111705	28100-08020	110411	28100-20571	110411	28100-36050	110152
27060-74070	111705	28100-08040	113108	28100-20572	110411	28100-36051	110152
27060-74100	111705	28100-0A010	114342	28100-21020	113314	28100-36060	110152
27060-74110	111435	28100-0B010	112006	28100-21021	113314	28100-36070	110152
27060-74120	111435	28100-0B020	112006	28100-21030	113314	28100-36090	110152
27060-74130	111435	28100-0C010	111784	28100-21060	114239	28100-37010	110152
27060-74140	111435	28100-0D010	113620	28100-21061	114239	28100-37011-71	110152
27060-74150	111435	28100-0D020	113243	28100-21062	114239	28100-40010	110154
27060-74160	111538	28100-0D030	113271	28100-21063	114239	28100-40011	110154
27060-74170	111538	28100-0D050	113271	28100-22000	110411	28100-40012	110154
27060-74180	112102	28100-0D080	114419	28100-22010	110421	28100-40013	110154
27060-74190	111435	28100-0D130	113271	28100-22011	110421	28100-40014	110154
27060-74210	111435	28100-0E010	113649	28100-22012	110421	28100-40015	110154
27060-74250	111538	28100-0G010	112006	28100-22020	110421	28100-40040	110152
27060-74270	111705	28100-0G020	112006	28100-22021	110421	28100-40041	110152
27060-74290	111435	28100-0G040	114216	28100-22022	110421	28100-40050	110152
27060-74320	111538	28100-0H060	113810	28100-22030	113339	28100-40060	110152
27060-74330	112102	28100-0H061	113810	28100-22031	113339	28100-40061	110152
27060-74360	111468	28100-0J010	113313	28100-22040	113271	28100-40100	110154
27060-74370	111517	28100-0Q012	113963	28100-22041	113271	28100-40110	110154
27060-74380	111517	28100-0Q021	113963	28100-22050	113620	28100-40120	110154
27060-74400	111517	28100-0R010	114216	28100-22060-71	110490	28100-40130	110154
27060-74410	111468	28100-0W020	111551	28100-22061-71	110490	28100-40140	110154
27060-74430	112101	28100-0W080	114071	28100-22070	113620	28100-40291-71	112036
27060-74450	111517	28100-10030	110323	28100-22071	113620	28100-41010	110396
27060-74560	111468	28100-10040	110709	28100-23010	110154	28100-41011	110396
27060-74590	111468	28100-11010	110323	28100-23011	110154	28100-41012	110396
27060-74630	111517	28100-11020	113121	28100-23020	113313	28100-41013	110396
27060-74640	111468	28100-11080	113665	28100-23660-71	113238	28100-41020	110396
27060-74730	111517	28100-11090	113434	28100-23800-71	111189	28100-41030	110396
27060-74740	111468	28100-11100	113649	28100-23810-71	110260	28100-41060	110396
27060-74750	111468	28100-11140	113665	28100-26061	110296	28100-42010	110396
27060-74830	111468	28100-11150	113434	28100-26062	110296	28100-42011	110396
27060-75030	112358	28100-11160	113649	28100-26063	110296	28100-42021	110396
27060-75040	113091	28100-11170	113434	28100-26070	110296	28100-42040	111785
27060-75080	111428	28100-12030	110421	28100-26071	110296	28100-42050	111681
27060-75100	112357	28100-12040	110421	28100-26090	110296	28100-44050	110396
27060-75150	112357	28100-14014	110154	28100-26120	110296	28100-45020	110396
27060-75170	113584	28100-15020	110399	28100-27010	110296	28100-45021	110396
27060-75190	112358	28100-15070	110290	28100-28010	113244	28100-45022	110396
27060-76010	111536	28100-15110	110253	28100-28041	113810	28100-45023	110396
27060-76020	111536	28100-15120	113099	28100-30050	113938	28100-45030	110396
27060-76030	111536	28100-15130	110253	28100-30051	113938	28100-45031	110396
27060-76040	111482	28100-15150	110253	28100-30060	113757	28100-45032	110396
27060-76050	111482	28100-15160	110253	28100-30080	113938	28100-45033	110396
27060-76070	111537	28100-15170	110253	28100-31020	110154	28100-45050	110396
27060-76080	111537	28100-15180	110253	28100-31021	110154	28100-45061	110708
27060-76305	111018	28100-16010	111455	28100-31022	110154	28100-46030	111262
27060-78001-71	110620	28100-16020	110713	28100-31030	110154	28100-46040	114336
27060-78003-71	110629	28100-16040	111455	28100-31050	113809	28100-46090	111681
27060-78154-71	112358	28100-16041	111455	28100-31625-71	110581	28100-46100	111681
27060-78203-71	113989	28100-16070	111455	28100-33010	110152	28100-46120	111681
27060-78301-71	110564	28100-16071	111455	28100-33011	110152	28100-47040	111262
27060-78304-71	112252	28100-16080	110712	28100-33020	110152	28100-47050	111262
27060-78305	111018	28100-16110	110713	28100-33040	114071	28100-47070	110583
27060-78305-71	111018	28100-16130	110713	28100-33080	114071	28100-47080	110583

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>TOYOTA</b> <i>Continued</i>							
28100-47090	110581	28100-67070	113938	ALT-1214	112861	ALT-2230	114413
28100-47091	110581	28100-72010	110397	ALT-1281	114351	ALT-2236	113716
28100-48011	114336	28100-72030	110397	ALT-1321C	110985	ALT-2300	112197
28100-50020	113168	28100-72060	110397	ALT-1430	113160	ALT-2300U	112197
28100-50060	113171	28100-72080	110397	ALT-1437	113498	ALT-2306	114567
28100-50061	113171	28100-72100	110397	ALT-1442	112872	ALT-2309	114568
28100-50062	113171	28100-74010	111446	ALT-1443	112872	ALT-30101	113027
28100-50070	113171	28100-74011	111446	ALT-1503	112850	ALT-30105	113033
28100-50090	114440	28100-74020	111544	ALT-1508	112851	ALT-3018	114569
28100-54010	110708	28100-74021	111544	ALT-1509	112850	ALT-3019	114570
28100-54011	110708	28100-74050	111544	ALT-1511	112853	ALT-3020	114571
28100-54032	110708	28100-74070	111544	ALT-1513	114540	ALT-30201	112971
28100-54042	110708	28100-74090	111544	ALT-1602	112950	ALT-3022	111309
28100-54051	110708	28100-74100	111544	ALT-1603	112951	ALT-3030	111405
28100-54052	110708	28100-74120	111446	ALT-1604	112952	ALT-3036	114356
28100-54061	110708	28100-74130	111550	ALT-1606	112954	ALT-3048	114357
28100-54070	111387	28100-74140	111550	ALT-1608	112959	ALT-3062	112975
28100-54090	110708	28100-74200	111463	ALT-1610	112956	ALT-3068	113712
28100-54100	111387	28100-74240	113244	ALT-1612	110724	ALT-3077D	111309
28100-54140	110708	28100-74250	111463	ALT-1616	112958	ALT-3094	113371
28100-54150	110708	28100-74260	112367	ALT-1621	114542	ALT-3201	112971
28100-54170	111387	28100-74270	112367	ALT-1622	114543	ALT-3202	114572
28100-54180	111387	28100-74280	111550	ALT-1623	114544	ALT-3206	113583
28100-54190	110708	28100-74290	112367	ALT-1625	114545	ALT-3301	114424
28100-54220	110708	28100-75010	111785	ALT-1626	114546	ALT-3351	114425
28100-54250	110708	28100-75090	111784	ALT-1627	114547	ALT-3505	113033
28100-54270	112336	28100-75110	113174	ALT-1628	114548	ALT-3513	111406
28100-54290	111387	28100-75120	113170	ALT-1629	114549	ALT-3514	113566
28100-54310	112336	28100-75130	111784	ALT-1630	114550	ALT-3517	110802
28100-54320	113936	28100-75140	113170	ALT-1632	114551	ALT-3518	110804
28100-54340	112336	28100-76050	111556	ALT-1633	114552	ALT-3521	113369
28100-54370	113936	28100-76060	111682	ALT-1634	114553	ALT-3522	111406
28100-54380	112336	28100-76070	111682	ALT-1705	111200	ALT-3523A	112427
28100-54390	113936	28100-76091	111556	ALT-1705A	111200	ALT-3523B	112427
28100-54400	112336	28100-76101	111556	ALT-1705B	111200	ALT-3523C	112427
28100-54410	112336	28100-77090	110507	ALT-1705C	111200	ALT-3529	113316
28100-54460	112336	28100-87213	111455	ALT-1706A	112933	ALT-3702	111285
28100-54470	113936	28100-87510	111088	ALT-1711A	112927	ALT-3708	113555
28100-56030	110474	28100-87517	111088	ALT-1720A	112924	ALT-3718	112349
28100-56040	114417	28100-87701	110159	ALT-1725	114554	ALT-3900	113747
28100-56060	110474	28100-87702	110159	ALT-1726	114555	ALT-4028A	114360
28100-56100	110474	28100-87704	110159	ALT-1805A	111199	ALT-4032	111738
28100-56151	111401	28100-87706	110159	ALT-1805H	111199	ALT-4036	110497
28100-56160	111401	28100-87803	113208	ALT-1813	112922	ALT-4040	111686
28100-56220	111401	28100-87883	110159	ALT-1813A	112922	ALT-4041	112097
28100-56221	111401	28100-89106	113214	ALT-1815	113544	ALT-4207	113667
28100-56260	111401	28100-U2100-71	113108	ALT-1815L	113544	ALT-4208	111413
28100-57070	111401	28100-YV010	113254	ALT-1815U	113285	ALT-4210	111505
28100-60070	113097	28100-YV020	113933	ALT-1815V	113285	ALT-5024	113401
28100-62010	111446	28300-22003-71	110411	ALT-1822	114556	ALT-5028	114582
28100-62011	111446			ALT-1902	112942	ALT-5043	113052
28100-62020	111544	<b>UNIPOINT</b>		ALT-1903	112944	ALT-5091	112101
28100-62021	111544	ACT-3049	113503	ALT-1904	112943	ALT-5095	110564
28100-62030	113173	ALT-0071	114430	ALT-1905	112946	ALT-5097A	111285
28100-62040	113312	ALT-0101	112076	ALT-1906	112944	ALT-5111A	114361
28100-62050	113119	ALT-0113	111746	ALT-1908	114557	ALT-5113	114433
28100-64020	111386	ALT-0114	113448	ALT-1909	114558	ALT-5115	114362
28100-64040	111564	ALT-0136	114423	ALT-1911	114559	ALT-5125	114585
28100-64130	111554	ALT-0170	112294	ALT-2029	114560	ALT-5128	114648
28100-64140	111564	ALT-0173	114374	ALT-2030U	111884	ALT-5130	114586
28100-64180	111386	ALT-0174	112294	ALT-2048	113298	ALT-5131	114587
28100-64190	111564	ALT-0190	114347	ALT-2053	114561	ALT-5132	114588
28100-64200	111554	ALT-0192	114349	ALT-2058	114562	ALT-5215	114589
28100-64210	111564	ALT-039	111491	ALT-2059	114563	ALT-5300	111048
28100-64280	111386	ALT-039A	111491	ALT-2061A	111898	ALT-5301	110629
28100-64290	111564	ALT-1001	112824	ALT-2071	112806	ALT-5302	111048
28100-64310	111874	ALT-1002	112824	ALT-2072	111988	ALT-5303	111048
28100-64350	111969	ALT-1003	113579	ALT-2077	114431	ALT-5304	111048
28100-64430	111874	ALT-1004	112834	ALT-2085A	114352	ALT-5305	110620
28100-65010	111551	ALT-1005	113155	ALT-2085V	113869	ALT-5306	110620
28100-65020	111551	ALT-1012	110233	ALT-2097	113837	ALT-5401	114590
28100-65080	113110	ALT-1024	110504	ALT-2097W	114354	ALT-5402	114591
28100-65090	111783	ALT-1031	110471	ALT-2098	114564	ALT-5404	114592
28100-65100	113112	ALT-1032	110471	ALT-2110	113351	ALT-6091	113559
28100-66050	113169	ALT-1072	112882	ALT-2111	113351	ALT-6180	114363
28100-66060	113169	ALT-1200	112860	ALT-2114	113284	ALT-6182	114364
28100-67030	113757	ALT-1201	112859	ALT-2119	114036	ALT-6205	112102
28100-67050	113757	ALT-1203	110682	ALT-2121	112427	ALT-6213	114434
28100-67051	113757	ALT-1212	114350	ALT-2122	112170	ALT-7001	111990

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ALT-7151A	110562	STR-2047	112235	STR-3112	110249	STR-6157	110507
ALT-7151B	110562	STR-2054	112286	STR-3119	113642	STR-6159	114336
ALT-7151C	110657	STR-2105	112818	STR-3123	111241	STR-6160	110580
ALT-7151D	110562	STR-2106	110847	STR-3125	114615	STR-6171	114337
ALT-7201	113653	STR-2108	111127	STR-3126	114616	STR-6177A	114338
ALT-7202	113652	STR-2112	111909	STR-3132	114617	STR-6180	114339
ALT-7500	114414	STR-2113	111823	STR-3133	114618	STR-6196	114340
ALT-D017	114596	STR-2114	114607	STR-3135	114619	STR-7007	111300
ALT-D019	114597	STR-2115	114608	STR-3137	114620	STR-7010	114418
ALT-D020	114649	STR-2116	114651	STR-3138	114621	STR-7013	113703
ALT-D021	114598	STR-2203A	112286	STR-3140	114652	STR-7038	110485
ALT-D022	114599	STR-2209	111851	STR-3141	114622	STR-7052W	110602
ALT-D023	114600	STR-2211	111069	STR-3142	114623	STR-7072	111221
ALT-D024	114601	STR-2214A	113752	STR-3312	114624	STR-7075	112667
ALT-D025	114602	STR-2220	111900	STR-3508	111305	STR-7158	111760
ALT-D026	114603	STR-2220B	113387	STR-3515	113616	STR-7904	113746
ALT-D028	114604	STR-2314	113760	STR-3522	113020	STR-8001	113108
ALT-D029	114605	STR-2315	112498	STR-3528	114329	STR-8001A	113108
ALT-F003	112915	STR-2316	113277	STR-3529	110810	STR-8015	111682
ALT-F005	112914	STR-2319	112494	STR-3555	110958	STR-8018	110182
ALT-F050	112835	STR-2372	112581	STR-3556	110479	STR-8037	113024
ALT-F056	112841	STR-2374	113608	STR-3557	110808	STR-8048	111556
ALT-F057	112842	STR-23801	114437	STR-3564	110144	STR-8082	111551
ALT-I032	110348	STR-23802	114438	STR-3567	110155	STR-8087	111554
ALT-T140	112343	STR-2382	110208	STR-3581	110278	STR-8089	111456
ALT-T141	112343	STR-2390	110532	STR-3585	111310	STR-8100	114440
ALT-T145	111833	STR-23905	110212	STR-3604	113390	STR-8102	113620
ALT-T150	111842	STR-2396	111219	STR-3605	113400	STR-8110	110447
ALT-T158	114365	STR-2411	113891	STR-3619	110312	STR-8111	110940
ALT-V001	114415	STR-2413	113934	STR-3622	113617	STR-8112	110485
ALT-V013	110701	STR-2501	112911	STR-3624	113398	STR-8114	114639
ALT-V015	110706	STR-2503	112911	STR-3625	114629	STR-8115	114640
ALT-V021	114366	STR-2505	110221	STR-3800	112373	STR-8117	114655
ALT-V023	112271	STR-2508	112912	STR-3801	112373	STR-8118	114641
ALT-V027	114367	STR-2509	112911	STR-3802	113661	STR-8119	114642
ALT-V028	114368	STR-2512	111304	STR-3803	113680	STR-8121	114643
ALT-V029	114426	STR-2514	112909	STR-4207	112089	STR-8271	114226
ALT-V032	111605	STR-2516	110221	STR-4209	112089	STR-8273	114341
ALT-V033	111963	STR-2519	112267	STR-4240	112255	STR-8276	112546
ALT-V034	114018	STR-2520	112897	STR-4293	113917	STR-8278	114342
ALT-V035	114369	STR-2521	110216	STR-4295	113915	STR-8279	113649
ALT-V041	114370	STR-2527	114609	STR-4304	114416	STR-8281	113704
ALT-V043	114014	STR-2528	114610	STR-4340	113695	STR-8282	110323
ALT-V045	113519	STR-2614	112905	STR-4341	112169	STR-9103	114420
ALT-V046	112506	STR-2615	112903	STR-4390	114330	STR-9104	114017
ALT-V052	114372	STR-2616	112907	STR-4390B	114330	STR-9108	114344
ALT-V055H	114427	STR-2617	112904	STR-4391	114013	STR-9109	114345
ALT-V056U	113956	STR-2618	112902	STR-4392	114331	STR-9110	114441
ALT-V059	114373	STR-2623	112902	STR-4392B	114330	STR-9111	114421
ALT-V060	114428	STR-2624	111277	STR-4603	111130	STR-9114	114442
STR-0120	113826	STR-2626	114611	STR-5001	111683	STR-9116	114422
STR-0124	114325	STR-2627	114612	STR-5006A	111006	STR-9121	114346
STR-0130	113827	STR-2660	111684	STR-5008	114332	STR-B007	112537
STR-0131	114326	STR-2661	111848	STR-5019	113170	STR-B008	112533
STR-0132	114435	STR-2703	112965	STR-5030	114429	STR-B012	112125
STR-0140	113682	STR-2709	110225	STR-5033	113809	STR-B015	111855
STR-0303	114436	STR-2712	110225	STR-5034	113459		
STR-1001	110634	STR-2803	112584	STR-5118	113645		
STR-1002	110635	STR-2814	113221	STR-5300	114333		
STR-1005	112563	STR-2818	113220	STR-6000	110573	0599440	110510
STR-1006	112242	STR-2821	113225	STR-6006	110820	1146340	110510
STR-1007	112312	STR-2824	113216	STR-6007	114213	1250740	110510
STR-1008	112565	STR-2825	112600	STR-6007	114253	1574540	111701
STR-1049	112244	STR-2841	113217	STR-6009	112371	1653340	110510
STR-1051	111700	STR-2842	113225	STR-6014	111506	2009805	113854
STR-1053	110510	STR-2845	111374	STR-6018	113733	4412040	110636
STR-1054	113014	STR-2848	113813	STR-6021A	111136	4509809	110510
STR-1056	111702	STR-3001	110810	STR-6027	114439	5174740	112546
STR-1058	111012	STR-3022	111349	STR-6033	114334	5659240	113525
STR-1060	111043	STR-3050	111311	STR-6034	111272	5665940	111701
STR-1063	110648	STR-3059	112986	STR-6039	110578	5666140	110510
STR-1064	110649	STR-3069C	114238	STR-6051	114417	5666740	111701
STR-1065	110240	STR-3091	114328	STR-6073	113238	6585840	112157
STR-1066	110644	STR-3092	111730	STR-6079	114335	6743040	112830
STR-1070	110949	STR-3095	111459	STR-6090	113725	0203323MO20SM	113524
STR-1071B	111840	STR-3096	111473	STR-6095	114634	0203323MO30SM	113524
STR-2024	111347	STR-3097	111608	STR-6107	113675	0255625-MO30SM	111043
STR-2035A	112321	STR-3109	112898	STR-6107A	113675	0255640-MO30SM	111043
STR-2045	111769	STR-3111	113041	STR-6144	111913	0599440-MO30SM	110510
						0599540MO30SM	111700

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>UNITED TECHNOLOGIES</b> <i>Continued</i>							
0814240M030SM	110645	M0551014A	110241	SM56666	111012	191335	113842
0996140M030SM	110241	M0551017	110241	SM56669	112244	219137	113498
1065240M030SM	110649	M0551046A	111861	SM56670	112150	219138	113349
1079540M030SM	112567	MM48826	111861	SM56676	112146	219139	113350
1122921-M030SM	110647	MO551014A	110241	SM56714	112145	219187	111846
1122940-M030SM	110647	SM01399	110644	SM56756	112826	219199	113498
1146340-M030SM	110510	SM01446	110648	SM56769	112827	219202	113349
1147840M030SM	110649	SM01965	110634	SM56804	113594	219251	111847
1250740-M030SM	110510	SM02033	113524	SM57047	110644	219251	114114
1491624M030SM	110650	SM02289	110644	SM57050	112154	310426	110113
1570140M030SM	110510	SM02465	110644	SM57053	110647	390086	112657
1574440M030SM	110510	SM02466	110644	SM57104	113014	432503	110365
1574540M030SM	111701	SM02556	111043	SM57116	113590	432510	110585
1635323-M030SM	110510	SM02610	110240	SM59535	110644	432512	111066
1635340-M030SM	110510	SM05994	110510	SM60138	112832	432524	111124
177054030SM	110949	SM05995	111700	SM60194	112832	432538	112541
1799640M030SM	110240	SM05996	111702	SM60209	113476	432545	110837
1819040M030SM	110949	SM08041	110647	SM60917	112832	432546	110587
1819140M030SM	112568	SM08142	110645	SM67432	113591	432550	111064
2020040M030SM	113014	SM09961	110241	SM67675	112829	432551	111068
2070240M030SM	110644	SM09962	110648	SM68737	113592	432553	110835
2134940M030SM	112831	SM09964	110648	SM69967	111702	432555	111063
2-2432-UT	113593	SM10629	110240	SME12A11	110510	432557	110856
4372740M030SM	111702	SM10652	110649	SME12A8	110510	432558	111100
4412040M030SM	110636	SM10790	110654	SMH1201399	110644	432560	110790
4509809S030SM	110510	SM10970	110654	SMH12A1	111702	432561	111070
4730920M030SM	112154	SM11229	110647	SMH12A102	110510	432565	110866
4733040M030SM	111012	SM1122940	110647	SMH12A2	110510	432566	110585
4754840M030SM	112567	SM11279	110647	SMH12A201	110510	432567	110819
4769040M030SM	112145	SM11463	110510	SMH12A3	111700	432569	111332
4786240M030SM	110645	SM11478	110649	SMH12A4	110510	432570	110819
4820340M030SM	110654	SM12507	110510	SMH12A5	111700	432571	110819
4836940M030SM	110649	SM14916	110650	SMH12A6	111702	432572	111332
4886540M030SM	110648	SM15701	110510	SMH12B31	110241	432573	110587
5071240M030SM	112156	SM15745	111701	SMH12B41	110240	432575	110584
5086140M030SM	113014	SM16353	110510	SMH12B42	110647	432576	110584
5213140M030SM	110949	SM17916	110644	SMH12B43	110647	432581	110585
5213240M030SM	112831	SM17917	110644	SMH12C1	111701	432582	112295
5216040M025SM	112247	SM17996	110240	SMH12C31	110648	432586	111334
5225040M030SM	112244	SM18190	110949	SMH12C41	110644	432588	110587
5239740M030SM	112150	SM18191	112568	SMO1965	110634	432590	111251
5249840M030SM	112157	SM20200	113014	SMO2469	110644	432591	110584
5273440M030SM	110636	SM20521	112247			432598	110584
5274040M030SM	113149	SM20702	110644	<b>VALEO</b>		432606	110865
5275640M030SM	112825	SM20703	110644	45608	110310	432607	110368
5278340M030SM	112244	SM21349	112831	57158	112758	432614	110585
5278440M030SM	112150	SM43672	113015	076517	113466	432621	110585
5659240M020SM	113525	SM43727	111702	76517	113466	432622	111251
5665940M030SM	111701	SM43790	113015	076571	110512	432623	110584
5666140M030SM	110510	SM44120	110636	95675	110774	432626	111055
5666240M030SM	110949	SM47309	112154	098208	111231	432628	111251
5666340M030SM	112568	SM47330	111012	098209	111231	432629	112295
5666440M030SM	112831	SM47548	112567	100363	110163	432634	111025
5666640M030SM	111012	SM47690	112145	100894	111331	432636	111130
5666740M030SM	111701	SM47764	110654	101368	110931	432637	112295
5667040M030SM	112150	SM47862	110645	101375	110163	432638	111333
5667140M030SM	113017	SM48201	110648	102052	112113	432643	111422
5667640M030SM	112146	SM48202	110654	102334	110076	432644	111851
5671440M030SM	112145	SM48203	110654	102341	111624	432653	111053
5672740M030SM	112825	SM48204	110650	180620	113477	432659	112289
5675640M030SM	112826	SM48369	110649	181598	111231	432662	111056
5676940M030SM	112827	SM48826	111861	182551	111130	432663	110338
5680640M030SM	113594	SM48865	110648	182604	111070	432666	111029
5705040M030SM	112154	SM50497	110510	184030	111130	432670	113605
5705340M030SM	110647	SM50681	113014	184202	111047	432672	112295
5710440M030SM	113014	SM50861	113014	184413	111130	432673	111508
5711640-M030SM	113590	SM52132	112831	184470	111130	432675	111347
6013840M030SM	112832	SM52160	112247	184643	111070	432684	112295
6019440M030SM	112832	SM52397	112150	185547	111251	432685	114095
6020940M030SM	113376	SM52740	113149	185562	110585	432700	110880
6585840M030SM	112157	SM52756	112825	185625	111070	432724	110754
6727040M030SM	113017	SM52784	112150	185994	111070	432726	111082
6743040M030SM	112830	SM56657	111700	186269	111130	432728	110744
6743240-M030SM	113591	SM56659	111701	186561	110585	432739	111075
6767540M030SM	112829	SM56661	110510	186625	113307	432745	111155
6873740-M030SM	113592	SM56662	110949	186887	111130	432764	111163
9G4338	110999	SM56663	112568	187031	113478	432765	112744
M055014A	110241	SM56664	112831	190396	111909	432772	111153
M055017A	110241	SM56665	111702	190895	113933	432776	110931

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
432783	110889	433245	110866	433321	111129	433461	113500
432786	111144	433246	110367	433322	111130	433462	111171
432793	111144	433246	110866	433322	113443	433463	112751
432794	111327	433247	110367	433323	111029	433465	111072
432799	111319	433247	110866	433324	111070	433465	111172
432808	111071	433248	111347	433325	111025	433466	111319
432814	112755	433248	112295	433326	111115	433467	111171
432819	111086	433249	110585	433332	112295	433468	112762
432825	111289	433254	111064	433333	110365	433469	111175
432834	110743	433255	111064	433335	111061	433476	110641
432835	111086	433256	111114	433336	111069	433482	110349
432836	111289	433256	112541	433337	110336	433483	110348
432845	110913	433257	110835	433340	110867	433483	110350
432853	111652	433259	110337	433340	112290	433485	110179
432854	110358	433259	111104	433341	111131	433485	110969
432868	111686	433261	111058	433343	111117	433485	111184
432973	110178	433262	110824	433344	110839	433486	112238
432984	111948	433262	111010	433346	111118	433487	112162
432989	112098	433264	110865	433346	111423	433487	113624
433016	110865	433267	110869	433347	110337	433488	110905
433036	110916	433268	110996	433347	111131	434005	110766
433040	110993	433269	110363	433347	113346	434009	112288
433042	112744	433272	111102	433348	110836	434010	112288
433043	112149	433273	111102	433348	111423	434013	113470
433047	111152	433274	110772	433351	110743	434014	111629
433050	111288	433276	110365	433352	110743	434016	111833
433054	111656	433276	111585	433353	110144	434017	112046
433057	111799	433278	110338	433353	111075	434026	111842
433061	110905	433278	110365	433354	110916	434027	111833
433065	110905	433278	110826	433358	110916	434029	113351
433066	112744	433278	112295	433358	111075	434030	113351
433069	111841	433279	110352	433359	110179	434032	113295
433077	111072	433279	110826	433364	111076	434035	111842
433079	111321	433279	111106	433364	112162	434036	113351
433081	110754	433282	110812	433368	111071	436000	110772
433082	112162	433283	110608	433368	111659	436000	111052
433085	111036	433286	110336	433371	111144	436002	111065
433086	111172	433286	111131	433373	113839	436002	112440
433093	111322	433287	110336	433375	110769	436003	111347
433096	112756	433287	110337	433380	110897	436004	110862
433097	111325	433287	111053	433380	111155	436005	110862
433098	112751	433287	111131	433392	110745	436006	110838
433115	111035	433287	111750	433404	110745	436007	110825
433117	110912	433289	110336	433404	110975	436007	111228
433118	111035	433289	110831	433405	110751	436007	112124
433120	111322	433289	110870	433417	110920	436007	112289
433121	111171	433289	111131	433418	110920	436008	110836
433138	111093	433289	111269	433420	111072	436009	110771
433144	113789	433292	110459	433429	110754	436009	110831
433148	113487	433292	110461	433429	112728	436010	110771
433149	112769	433292	112251	433437	111072	436010	110868
433154	110619	433293	110530	433437	111172	436013	111056
433158	111326	433293	110869	433438	110744	436014	110824
433162	112292	433293	110997	433440	110754	436014	111010
433167	112790	433294	110368	433440	111082	436016	110865
433168	112792	433295	110775	433441	110905	436018	110864
433176	111319	433296	110364	433442	111082	436019	111059
433179	112683	433297	111055	433442	112298	436020	111060
433188	112793	433297	111127	433442	112728	436021	111058
433190	112299	433298	110341	433444	112744	436021	113483
433200	111100	433300	111064	433445	111172	436022	111059
433204	111068	433301	110352	433446	112739	436022	111748
433205	1110587	433301	111106	433447	111072	436023	110997
433207	111063	433303	110587	433447	111163	436024	110858
433208	110860	433304	110837	433448	111072	436025	111054
433209	110860	433305	111070	433448	111171	436025	111489
433209	111063	433307	111063	433449	112744	436026	110825
433215	111115	433309	110585	433449	112751	436026	112289
433223	110793	433310	111114	433450	111144	436029	112125
433223	111066	433310	112541	433451	111171	436030	112321
433229	111109	433311	110584	433452	112755	436031	112125
433229	111125	433311	110640	433453	110889	436032	112455
433231	110793	433314	111332	433454	110993	436033	112289
433232	111029	433315	111332	433455	111841	436034	110847
433237	110774	433316	110565	433457	112162	436034	111122
433237	110835	433318	110536	433458	111179	436035	110854
433243	110856	433320	110585	433459	111325	436037	110814
433244	110367	433320	111251	433459	112756	436037	111693
433245	110367	433321	111029	433460	113500	436038	111112

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
436040	112533	436112	112719	436160	110914	436211	110990
436040	113446	436112	112768	436160	111168	436211	111139
436041	110844	436113	110611	436161	110914	436211	113611
436042	111112	436113	110744	436161	110972	436212	110990
436042	111120	436113	110912	436161	111168	436212	111139
436043	112537	436113	111035	436161	111800	436215	110360
436044	110522	436113	111078	436166	110178	436215	110913
436044	113134	436113	111138	436166	110179	436215	111083
436045	113846	436113	112768	436166	110759	436215	111287
436046	111107	436114	110612	436166	110969	436219	111074
436048	111694	436114	111035	436166	111086	436220	110919
436049	110836	436114	111085	436166	111289	436223	111364
436049	111423	436114	111148	436166	111364	436225	111095
436049	111619	436117	110991	436167	110178	436225	111287
436051	112295	436117	111035	436167	110179	436228	111094
436052	110354	436118	111036	436167	110612	436228	111154
436052	110441	436118	111621	436167	110759	436228	111539
436052	112439	436120	110923	436167	110968	436228	112149
436053	110394	436120	111093	436167	111184	436230	111036
436055	110368	436120	113866	436167	111185	436230	111621
436056	111055	436121	110358	436167	111289	436235	110612
436056	111123	436121	110735	436169	110179	436235	110882
436056	111127	436121	110875	436169	111086	436235	111148
436058	110585	436121	111138	436169	111184	436236	111035
436058	113481	436121	111146	436169	111185	436236	111148
436059	110585	436121	112098	436169	111289	436237	110882
436059	113481	436125	110730	436169	111364	436237	110890
436060	111251	436126	111093	436170	111086	436237	111078
436061	111114	436127	110875	436173	111086	436237	111418
436061	112541	436127	111649	436173	111364	436237	111686
436062	110584	436127	112098	436175	110178	436237	113838
436064	110587	436130	110877	436179	110178	436239	111620
436064	111130	436130	112310	436179	110759	436239	111654
436065	111130	436131	110877	436179	110770	436239	111686
436070	111755	436132	111147	436179	111289	436240	111539
436072	110442	436134	111147	436179	111362	436241	110912
436072	112660	436134	112740	436179	112683	436241	111620
436073	110529	436134	112774	436180	111289	436242	113472
436073	110813	436135	110876	436181	110968	436243	111620
436074	110529	436136	110880	436181	111289	436244	113472
436074	110813	436137	110911	436181	111362	436244	113473
436075	112135	436137	110975	436184	111096	436245	110612
436076	110818	436140	110178	436189	110357	436246	111156
436077	110536	436140	110968	436189	110726	436248	111071
436077	111752	436140	111185	436189	110911	436248	111659
436078	110835	436140	111834	436189	110919	436249	111661
436078	111333	436140	113378	436189	110975	436250	111325
436081	110585	436144	110968	436189	111539	436254	113485
436081	111251	436144	111184	436189	111652	436254	113789
436083	111270	436144	111185	436189	111653	436255	112769
436084	110585	436144	113378	436191	110919	436256	111082
436085	111489	436145	111289	436191	111094	436256	112795
436086	110524	436146	110358	436191	111095	436257	110618
436089	110790	436147	112727	436191	112149	436258	110618
436091	113465	436148	110914	436192	110767	436258	110619
436095	111231	436148	110972	436192	112149	436259	112762
436096	113466	436148	111168	436192	112735	436260	112782
436097	111231	436149	111086	436193	110902	436263	110970
436098	111231	436149	111166	436193	111152	436263	111948
436100	110880	436149	111656	436194	110360	436264	110107
436100	110975	436149	112056	436194	110913	436264	111649
436100	111653	436150	111166	436194	111083	436264	111948
436102	110887	436150	111187	436196	110357	436265	110641
436102	111153	436150	111467	436196	110913	436266	111662
436103	112719	436150	111656	436196	111083	436266	112098
436105	110882	436150	113376	436197	110913	436267	110105
436105	110890	436153	110077	436197	111083	436267	111649
436105	111686	436153	110914	436199	110357	436269	110735
436109	110899	436153	110925	436199	110911	436269	111662
436109	111180	436153	111656	436199	111094	436269	112098
436111	110890	436153	111767	436199	111652	436272	112736
436111	110912	436153	111891	436199	113758	436273	111355
436111	110991	436155	111178	436208	110357	436275	112789
436111	111138	436157	111166	436208	110726	436277	112790
436112	110611	436157	111178	436208	110767	436278	112792
436112	110882	436157	112056	436208	110975	436281	112791
436112	110890	436157	112775	436208	111652	436287	110911
436112	110912	436159	111178	436208	111653	436287	110971
436112	111138	436159	111656	436208	113758	436288	111799

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
436289	111799	436364	111352	436444	111820	436525	110137
436290	111149	436366	112299	436446	111803	436525	110138
436291	112729	436371	112705	436449	111676	436525	110139
436293	110913	436372	113789	436449	113885	436525	110374
436294	110107	436373	111402	436450	111354	436526	110138
436294	111074	436374	111403	436450	112529	436526	110139
436295	111169	436374	113839	436451	111354	436526	110274
436295	111800	436376	112183	436451	111369	436526	113048
436295	112056	436378	111397	436452	111319	436527	111264
436296	111287	436380	112800	436453	111144	436528	110631
436296	111288	436382	111326	436454	112795	436529	110631
436296	111652	436385	112687	436455	110043	436529	112968
436296	112763	436392	111364	436455	111322	436530	112270
436297	111166	436393	111631	436455	111841	436531	110969
436297	111178	436394	111987	436455	112744	436533	110248
436297	111686	436395	111987	436455	112751	436534	110138
436297	112775	436398	112764	436456	110754	436534	110139
436299	110896	436399	110896	436457	111179	436534	110258
436299	111095	436399	111095	436458	111319	436535	110273
436299	111288	436399	112763	436461	113487	436536	110678
436299	112763	436400	111152	436462	111661	436536	110681
436300	112740	436400	111154	436463	111326	436536	111435
436301	111170	436400	111288	436465	111511	436536	111538
436302	111170	436400	111801	436467	112679	436536	111705
436303	112750	436400	112763	436469	112682	436537	110496
436306	111085	436410	112804	436470	111520	436537	110678
436306	111321	436412	110076	436472	111403	436537	110682
436306	112753	436412	111834	436472	113839	436537	111705
436308	110921	436414	112098	436473	111503	436538	110138
436309	111321	436416	111419	436474	111175	436538	110496
436309	112463	436416	112097	436476	112298	436538	110628
436309	113839	436416	112109	436477	112772	436540	110250
436310	111321	436417	111419	436478	112688	436541	110682
436310	112753	436417	111987	436478	112703	436542	110689
436311	111149	436418	112747	436479	110908	436542	112297
436311	112760	436419	110766	436479	111948	436543	110666
436313	110744	436420	110117	436481	111411	436544	110660
436313	111072	436420	110766	436482	111353	436544	112531
436313	111156	436421	110116	436483	111820	436545	110693
436314	110618	436422	110113	436484	111477	436545	112970
436314	112754	436422	110895	436486	112094	436547	111361
436315	110877	436422	111146	436489	112287	436548	110406
436316	110769	436423	110895	436490	112701	436548	110664
436316	111071	436424	110113	436491	112548	436548	111408
436316	111144	436424	110761	436496	111226	436549	110134
436316	113839	436424	110895	436497	111048	436549	110168
436318	111144	436425	111141	436498	110374	436549	110383
436322	111173	436426	111141	436499	110140	436550	111236
436330	112683	436427	110113	436500	110318	436551	110128
436332	112699	436427	110761	436501	110318	436551	110267
436333	112687	436427	110906	436502	110128	436551	110703
436333	112804	436427	113920	436502	110129	436557	110906
436333	112809	436428	110895	436502	110131	436560	112732
436334	112692	436429	110751	436502	110666	436560	112779
436336	112230	436430	111141	436503	110660	436561	111670
436336	112770	436431	110113	436503	110957	436562	110357
436338	112230	436433	111527	436503	112531	436565	111629
436338	112292	436433	112757	436504	110802	436566	111629
436338	112770	436434	111886	436505	110168	436567	112742
436339	112230	436434	112076	436505	110264	436568	110113
436340	112298	436434	112758	436505	110307	436569	111629
436340	114026	436435	111659	436506	110168	436570	111629
436345	112793	436436	110043	436506	110267	436571	110113
436346	112781	436436	111834	436507	110264	436572	110116
436346	113438	436437	110112	436507	112270	436574	112734
436346	113439	436437	110127	436508	110630	436574	112785
436347	110163	436437	112784	436514	110677	436576	112729
436348	111331	436437	113477	436514	111429	436577	112779
436349	110889	436438	111528	436514	111577	436578	111141
436351	110743	436438	111658	436515	110675	436582	111842
436351	112113	436438	113477	436515	110927	436583	112343
436352	110163	436439	110902	436517	111577	436584	111629
436355	110043	436439	111658	436518	110267	436585	113611
436355	110076	436439	112784	436518	110703	436586	110882
436355	111085	436440	112345	436519	110676	436586	111418
436355	111834	436442	111353	436519	111577	436586	113838
436356	111171	436443	111479	436519	111578	436587	112453
436360	110889	436443	112802	436521	111578	436588	111146
436363	111352	436444	111477	436522	110136	436589	113920

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
436590	112803	436704	112727	437149	110128	437347	112458
436591	112159	436705	112056	437149	110131	437348	112399
436592	110931	436706	111937	437150	111692	437349	113247
436598	110876	436707	112113	437151	110632	437351	113248
436599	111327	436713	111722	437152	111294	437352	111631
436601	111074	436715	111940	437153	110374	437355	113405
436602	113500	436716	111716	437156	110706	437356	113575
436607	113868	436717	111940	437158	111611	437357	112469
436608	110274	436718	111890	437160	112468	437358	113751
436609	110802	436718	112529	437162	110385	437359	113510
436610	110804	436719	111514	437163	110965	437361	113249
436611	111532	436720	111514	437164	112772	437362	112413
436612	112704	436720	112558	437169	112274	437363	112465
436613	112688	436721	112056	437170	112273	437364	113878
436614	112695	436722	111169	437171	112460	437365	113510
436615	112695	436722	111800	437172	113406	437369	111733
436618	112696	436722	112056	437173	113751	437370	111687
436619	111788	436723	111164	437174	112399	437371	110622
436620	111160	436724	111187	437176	113283	437372	112813
436625	111149	436725	111186	437177	112398	437376	113302
436626	112734	436726	110972	437178	113751	437377	113252
436626	112785	436727	112775	437179	111235	437378	111360
436627	113576	436729	112679	437180	111831	437378	113920
436629	111149	436729	112715	437184	112458	437379	111362
436631	113864	436730	112715	437185	113404	437380	111176
436632	112812	436731	112557	437186	113404	437381	111289
436633	112234	436732	111967	437188	113882	437382	111176
436633	112729	436734	111658	437190	112648	437383	112691
436633	112765	436735	111719	437192	113405	437384	111887
436635	112681	436735	111775	437193	112469	437385	111292
436636	111498	436736	111775	437194	113575	437386	113885
436638	113382	436737	111934	437197	112458	437387	112680
436640	111478	436738	111722	437198	111719	437388	113447
436641	111776	436739	111932	437199	111775	437389	113833
436642	111318	436740	111934	437200	112470	437390	111623
436645	111321	436741	111723	437203	111722	437391	111293
436648	111513	436743	112057	437204	111934	437392	111988
436649	111512	436747	110140	437205	111512	437393	112199
436650	111987	436748	112059	437207	111891	437394	112056
436652	112758	436749	111944	437208	112471	437395	113340
436653	112557	436750	112199	437210	112460	437396	112075
436654	113604	436754	111754	437210	112461	437398	113870
436656	112463	436755	110607	437211	112689	437399	112273
436661	111511	436755	111754	437213	111732	437400	112079
436662	112679	436774	110891	437214	111997	437401	113887
436663	112113	436785	111093	437218	113576	437404	112274
436664	110163	436786	112730	437220	110907	437405	112765
436665	111947	437052	111741	437220	111173	437406	112468
436667	111369	437058	111157	437222	113300	437409	113246
436668	113485	437072	111149	437223	113872	437410	113407
436669	112467	437081	112759	437224	113302	437413	113879
436673	111720	437111	111176	437225	112535	437414	111990
436674	111720	437112	111718	437227	112472	437415	113251
436675	111946	437113	111267	437306	112059	437417	113407
436676	111397	437114	111943	437309	113407	437418	113510
436678	112532	437115	112193	437310	113831	437420	113882
436679	111941	437116	112462	437311	112144	437421	112468
436680	111886	437117	112413	437312	113835	437422	112416
436680	112076	437118	112465	437313	113577	437423	113245
436680	112758	437119	112165	437315	112075	437427	112325
436682	113864	437119	113577	437316	111989	437428	113403
436683	111426	437120	111186	437317	112002	437429	111941
436683	111732	437121	112087	437319	111895	437430	113877
436684	112229	437122	112087	437322	112458	437431	113950
436685	111427	437123	112801	437323	113403	437434	113940
436686	112725	437125	111369	437324	111895	437435	113871
436687	111289	437126	112529	437328	111944	437436	113755
436687	111362	437130	112228	437331	112538	437437	113919
436689	112780	437131	111291	437333	110659	437440	112561
436690	112725	437134	111515	437336	111309	437441	113448
436692	110770	437135	111467	437337	113518	437442	112561
436695	113474	437137	112058	437338	111405	437444	113253
436697	112463	437138	113603	437340	112396	437446	112189
436698	112463	437139	112480	437341	112397	437447	112189
436699	111356	437140	111722	437342	113404	437450	113896
436699	111364	437143	110805	437343	113404	437452	113881
436701	112165	437145	110687	437344	113404	437453	113883
436702	112557	437147	111491	437345	112648	437454	113992
436703	111658	437148	110806	437346	111943	437457	113948

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
437458	113640	437617	111375	437727	111883	438035	110206
437459	112805	437618	111898	437729	111902	438037	110209
437460	113250	437619	112142	437731	112092	438039	110980
437461	113872	437620	112143	437735	113667	438040	110981
437464	112720	437621	113889	437736	110956	438041	110210
437465	113503	437623	111795	437740	112456	438042	110213
437467	112712	437624	110691	437742	112401	438043	110532
437471	113640	437625	112197	437743	112730	438045	112119
437472	113755	437626	112428	437744	112195	438047	110212
437473	113720	437627	111317	437745	113848	438051	112116
437474	113722	437632	110967	437747	111280	438052	112289
437475	113721	437633	111779	437748	112708	438053	111619
437476	111746	437634	112151	437752	111434	438054	112218
437477	111820	437635	111625	437753	111598	438060	112235
437479	111878	437636	113486	437754	111894	438061	112340
437481	113280	437638	111279	437755	112334	438065	112251
437483	112406	437639	112353	437756	112121	438068	114460
437485	112407	437640	113296	437761	111265	438069	111070
437486	113289	437641	113832	437765	111406	438070	112217
437489	111890	437642	113889	437766	111767	438071	112476
437491	112530	437643	111518	437770	111860	438074	113481
437492	113770	437644	111756	437773	112031	438075	112286
437493	113867	437648	111237	437774	112698	438076	111900
437494	111857	437649	111824	437775	110692	438077	113387
437495	113783	437650	111384	437776	111601	438079	111931
437496	111514	437652	113939	437777	110701	438088	113256
437497	112271	437653	113489	437778	111812	438090	112474
437499	112529	437654	112209	437780	112022	438093	111994
437501	113317	437656	111828	437781	111587	438095	112474
437502	113874	437657	112777	437783	113865	438096	112474
437503	113720	437658	110696	437785	111582	438097	110315
437504	113722	437659	113298	437787	111623	438098	110958
437505	110993	437660	111883	437787	111742	438099	113521
437508	111268	437663	112693	437793	110680	438101	112322
437509	111518	437664	113832	437794	111372	438102	111306
437510	111756	437665	110496	437795	112746	438103	111307
437513	112043	437666	113350	437796	111614	438104	110807
437514	111579	437667	112073	437801	111902	438104	110810
437515	111993	437668	111688	437802	112078	438105	110158
437516	112557	437669	111689	437806	111850	438112	113929
437517	112860	437670	111413	437807	111883	438114	110810
437519	112860	437672	112190	437810	110686	438115	110808
437520	111517	437674	112418	437811	110680	438115	112215
437522	113442	437675	112194	437812	110567	438117	110389
437523	112746	437676	111376	437813	111620	438118	110811
437525	112198	437677	112774	437814	111416	438119	111305
437526	113992	437680	111578	437815	111568	438120	111242
437534	113889	437681	111342	437819	112191	438121	111461
437536	112759	437682	110689	437820	111779	438123	110809
437539	114042	437683	111381	437821	110684	438133	113254
437540	112197	437684	110666	437822	112332	438134	112218
437545	114130	437685	111316	437825	112021	438137	113267
437546	112415	437686	111860	437828	113498	438138	111909
437547	111884	437688	112939	437834	111850	438141	111805
437548	111828	437690	113285	437835	110667	438144	113962
437550	113946	437692	111966	437841	110684	438147	113756
437551	113471	437694	112539	437842	111726	438148	112290
437555	114109	437695	111747	437847	112208	438151	114127
437559	113862	437696	111825	437849	112194	438152	112429
437560	112694	437697	111626	437851	111802	438156	114199
437565	111315	437698	111779	437853	112450	438158	112475
437567	111625	437700	110706	437860	110697	438159	111312
437570	111824	437701	112196	437861	110694	438163	113932
437575	113755	437702	111814	437862	111675	438165	113926
437580	111354	437704	111708	437864	111480	438166	113933
437584	113946	437705	111483	437865	111535	438168	113719
437587	112529	437706	112128	437869	111032	438170	112475
437588	111886	437707	111437	437875	111266	438171	114163
437589	112077	437708	112077	437876	112093	438172	114034
437594	112076	437710	112419	437877	112086	438173	114176
437595	112806	437711	112072	437881	112228	438174	113773
437597	113667	437713	111903	438009	112227	438175	113842
437609	112072	437714	111955	438010	112224	438176	113841
437611	112416	437715	111980	438015	112217	438178	111690
437612	113952	437717	111667	438017	111307	438183	111123
437613	111824	437718	110679	438024	112214	438184	114171
437614	111899	437723	111858	438027	111931	438186	112053
437615	111902	437725	111432	438030	111070	438193	113926
437616	111807	437726	111950	438031	110205	438198	111849

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
438224	113897	439296	113300	439529	112043	440234	112457
438263	114074	439298	113302	439530	112529	440279	113946
438322	111552	439299	112535	439531	113442	440296	113720
439000	111352	439301	112472	439540	112197	440348	113922
439001	111353	439302	112059	439552	114130	455022	111131
439003	111477	439305	113407	439553	113946	455502	111231
439007	111946	439306	112144	439555	112194	455503	113262
439021	111175	439307	113835	439558	114109	455506	110149
439023	112298	439308	113577	439573	112469	455507	113269
439024	112772	439310	112075	439580	113861	455508	113134
439025	112703	439311	111989	439584	113862	455509	111231
439030	111411	439312	112002	439594	111732	455511	111025
439034	113471	439319	112458	439595	114293	455512	110587
439035	112094	439325	111326	439619	114102	455512	111070
439038	112800	439326	112002	439625	114131	455512	111130
439039	112287	439327	112396	439638	113134	455512	113443
439045	111082	439328	112397	439651	113657	455514	111070
439047	112739	439330	113404	439669	111988	455514	114460
439048	110920	439331	113404	439691	113405	455516	110523
439053	113868	439333	111943	439692	113575	455516	113464
439054	111532	439338	112399	439693	113872	455517	110517
439056	112688	439339	113247	439695	113872	455517	110521
439062	111788	439341	113248	439729	113883	455518	110518
439064	112681	439343	110659	439900	114044	455520	110517
439065	111498	439346	111309	439901	114045	455521	110520
439069	111478	439384	113518	439902	114046	455522	110582
439070	111776	439385	111405	440001	113942	455523	110213
439079	111987	439391	113751	440008	112073	455524	110532
439083	113604	439392	113510	440017	112469	455525	111636
439092	113864	439394	113249	440023	112208	455526	110209
439093	111947	439395	113878	440024	112698	455526	111421
439095	111369	439398	112193	440026	112272	455527	110525
439098	111716	439404	110706	440027	112763	455528	110524
439099	111940	439408	110957	440038	113861	455529	110524
439101	114077	439410	111406	440044	113836	455530	110206
439103	112467	439411	110956	440048	112045	455530	110210
439130	113864	439415	110804	440051	112165	455531	110206
439166	111941	439420	113302	440056	113862	455532	111640
439180	111072	439427	111426	440057	114102	455533	110527
439181	111397	439429	113403	440058	110631	455534	110214
439182	111937	439430	112199	440061	114122	455535	110212
439184	114084	439435	113503	440062	112144	455536	110520
439185	111397	439437	112075	440067	114122	455536	111638
439190	112548	439439	113870	440069	110891	455537	111047
439206	111946	439440	112273	440074	114293	455538	110980
439206	111967	439441	112079	440099	111518	455539	110207
439208	111719	439442	113887	440101	110803	455540	110207
439212	111932	439445	112274	440102	113035	455541	112119
439226	112199	439446	112468	440103	113657	455542	110981
439230	111718	439450	113407	440104	113657	455543	110205
439231	111631	439451	113253	440105	113440	455544	110205
439232	111943	439453	113879	440112	111240	455546	110209
439234	112193	439454	111990	440113	111482	455547	113483
439235	112462	439455	113251	440116	113697	455548	111059
439236	112413	439457	112229	440118	112328	455548	111748
439237	112465	439458	111293	440119	113328	455549	111063
439240	110889	439459	113881	440120	113785	455549	111124
439241	113920	439460	113510	440121	112328	455550	112295
439243	111075	439461	113887	440122	111847	455551	111333
439244	111369	439463	112468	440122	114114	455553	111422
439245	112529	439464	113245	440129	114036	455554	111065
439248	112480	439471	113877	440131	111569	455554	112440
439252	112468	439472	113950	440134	112097	455555	110157
439255	112419	439475	113940	440176	114102	455555	110158
439258	113406	439478	113919	440185	114131	455555	110315
439261	112399	439481	113253	440191	112142	455557	111634
439263	113283	439485	113896	440192	113709	455560	111312
439265	113751	439487	113881	440193	113710	455561	110157
439268	113404	439488	113883	440194	111623	455561	110158
439270	112688	439489	113992	440196	111797	455561	110315
439271	113882	439493	113640	440212	113837	455562	110158
439275	113405	439503	113755	440220	112414	455562	110315
439282	111719	439504	113720	440221	112414	455562	110479
439283	111775	439505	113722	440222	113599	455564	110142
439284	112470	439506	113721	440223	112202	455564	110332
439287	111722	439511	113874	440224	113708	455565	110144
439289	111934	439523	113720	440226	112144	455566	110277
439292	112471	439524	113722	440228	113888	455566	110308
439294	112461	439525	113317	440229	112402	455567	110575

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
455568	110278	455632	111334	455891	112340	458118	112290
455568	110310	455634	111015	455892	111374	458159	113267
455569	110279	455635	113307	455893	112235	458160	111909
455569	110280	455638	110290	455894	111680	458160	112005
455569	111312	455661	111131	455895	112251	458161	110574
455570	110280	455665	110149	455896	112290	458161	111805
455571	110467	455669	110522	455897	111865	458162	113962
455571	111558	455671	111911	455899	112053	458165	113756
455572	111448	455671	114118	455900	112053	458166	114127
455573	110145	455672	111749	455901	110394	458167	112429
455573	110249	455673	111751	455902	111385	458169	113674
455574	110386	455673	112131	455903	111750	458170	114199
455574	110719	455674	111851	455904	111131	458172	112475
455575	110145	455675	112133	455905	110809	458173	111312
455576	110145	455676	111400	455906	110576	458174	111910
455576	111458	455677	112172	455907	111241	458175	112581
455577	111458	455678	110351	455908	110155	458176	111771
455578	110249	455679	113844	455909	111441	458179	113932
455578	110312	455680	112321	455910	110155	458180	113926
455578	111442	455681	111052	455910	110256	458184	111848
455579	111458	455684	111030	455910	111452	458185	113933
455580	111458	455685	110840	455911	110574	458187	112215
455581	111473	455686	110842	455912	111445	458188	111123
455581	111608	455687	111029	455915	110808	458189	113761
455582	110149	455690	110585	455915	110810	458190	112818
455582	110808	455690	113753	455916	111451	458191	113719
455582	111311	455691	111070	455917	111182	458192	111996
455583	111303	455693	113605	455918	111552	458195	112308
455585	110152	455694	112295	455919	111552	458198	113609
455585	110154	455695	112295	455921	110290	458199	112437
455587	111543	455696	110839	455922	110152	458200	112224
455587	111546	455697	111508	455923	110709	458201	112116
455587	113022	455699	111123	455924	111984	458205	111849
455588	110249	455700	111127	455925	111683	458206	111608
455589	111442	455702	113261	455927	111900	458207	110810
455591	113097	455713	111442	455928	114460	458208	112441
455592	110389	455714	113024	455929	111070	458209	110206
455593	110807	455715	112214	455930	112286	458210	112475
455593	110810	455716	112214	455931	112217	458211	111769
455594	110253	455717	111442	455932	112476	458212	113430
455595	110708	455719	112295	455933	111694	458213	114163
455595	111387	455720	111851	455935	111030	458214	114034
455596	111386	455720	112440	455936	113481	458216	113773
455596	111564	455722	114095	455937	113443	458217	113842
455598	111447	455723	112227	455939	111900	458218	113841
455600	111548	455724	112141	455940	111690	458219	112320
455601	111447	455725	112290	455942	112131	458220	111995
455603	111386	455726	112536	455943	112295	458221	112005
455603	111564	455727	112286	455945	110587	458222	110847
455604	110260	455728	112307	455946	110584	458224	112431
455604	111446	455728	113750	455947	111347	458226	111251
455604	111544	455733	112224	455949	111931	458228	111123
455605	110389	455735	113478	455954	112475	458230	111420
455606	110149	455737	112217	455955	110584	458231	114171
455606	110808	455738	111251	455957	113256	458232	112013
455606	112215	455739	111307	455959	112474	458233	111730
455607	110158	455740	111306	455960	111130	458239	113927
455607	110315	455743	111136	455962	110584	458249	113926
455607	110479	455744	111274	455962	111994	458253	111865
455608	110310	455745	111905	455963	110315	458257	112309
455609	110149	455746	110867	455964	110958	458260	112006
455609	110808	455747	111931	455968	111306	458263	113761
455609	111310	455748	110584	455969	111307	458269	113759
455611	110152	455749	111070	455971	112474	458278	111981
455611	110154	455774	112536	455972	112474	458280	112441
455612	110397	455871	112116	455973	111123	458285	111550
455613	110323	455872	112124	455974	112218	458288	113928
455614	111637	455873	110836	455976	113929	458296	111556
455616	110535	455873	111619	455977	111214	458310	111472
455618	110524	455876	112218	455978	110851	458314	113339
455621	110525	455879	111848	455979	112306	458315	111554
455622	113468	455884	111303	455981	113750	458318	111310
455623	110206	455885	112459	455982	113254	458319	111310
455624	113389	455886	111136	455983	112218	458320	113314
455625	113847	455886	111534	455985	114199	458322	111552
455626	111421	455887	111534	458027	110713	458323	111552
455627	111983	455888	112819	458041	113387	458324	113329
455628	112167	455889	113446	458116	111906	458326	111970
455629	112052	455890	112235	458117	111906	458329	113760

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
458333	112117	458573	111492	600024	113331	746012	112458
458334	112823	458577	112300	600026	111726	746013	111803
458336	111640	458579	111565	600027	113652	746014	112460
458340	110208	458580	111874	600028	113791	746015	112480
458341	111399	458581	111488	600029	113791	746016	112287
458342	112581	458584	111525	600030	110660	746017	112416
458351	114029	458585	112379	600032	110805	746018	113405
458370	111906	458585	114321	600034	111406	746020	112079
458371	112821	458586	112438	600040	111314	746021	112688
458374	113794	458587	111679	600041	110804	746022	112162
458378	113662	458590	111785	600043	111314	746023	111515
458379	113965	458593	112125	600044	111309	746024	113500
458382	111485	458599	110411	600045	110666	746025	112002
458385	111909	458600	111551	600046	113792	746026	111718
458386	113446	458601	111551	600049	113331	746027	113940
458388	113897	458607	113928	600052	111279	746029	112728
458423	114074	458611	110473	600054	112128	746030	112769
458460	111911	458612	112301	600055	111238	746031	110619
458463	113644	458614	111246	600056	112331	746032	113640
458464	112309	458620	111550	600058	110808	746033	112121
458466	113701	458621	110260	600059	110807	746034	112151
458467	111823	458622	110400	600062	113638	746036	112703
458469	112440	458623	110396	600070	113638	746038	113603
458470	112821	458629	111561	600072	111476	746041	112782
458471	112380	458631	111763	600078	113937	746042	111989
458473	112553	458632	111456	600081	113445	746043	113948
458480	111550	458634	110713	600083	112322	746044	111947
458481	111311	499526	112162	600087	111710	746046	112696
458483	111459	510372	110113	600089	111710	746047	112230
458484	112166	510391	112097	600091	111786	746049	111186
458485	113271	510426	110766	600092	113129	746051	112299
458486	112436	510803	110127	626614	112290	746053	111352
458487	111451	510804	110052	726000	110584	746055	110923
458490	112214	510816	110127	726001	111251	746056	111411
458491	111476	510819	110127	726002	111123	746057	111353
458492	111904	510820	112111	726003	111641	746058	111722
458495	112221	510821	112110	726004	114460	746059	112648
458500	112308	510823	112112	726005	111070	746060	111532
458501	112103	510834	110127	726006	112251	746061	113406
458503	110323	510847	110916	726007	112320	746062	112458
458504	113451	514002	110880	726008	111851	746063	113376
458505	112445	518039	111397	726009	113481	746064	111687
458506	111912	523158	111141	726010	111130	746065	111477
458508	111556	523159	111141	726012	110867	746066	111479
458509	111455	523161	110895	726013	111534	746067	112681
458512	114123	523161	111146	726014	112295	746068	113471
458513	111817	541178	112758	726015	110585	746069	111036
458514	112006	541314	112705	726016	113346	893633	110540
458515	111969	549277	111720	726017	111130	1195248	112322
458518	113361	567051	111515	726018	113387	1250128	113937
458520	111728	573387	113134	726019	111900	1250295	113797
458522	113040	578147	112290	726020	111422	1250299	111307
458523	112454	582783	110706	726021	112053	1250300	111306
458526	111805	592601	113477	726022	111994	1250301	111307
458527	111182	592772	111397	726023	113750	1250302	111306
458528	111908	592776	111658	726024	112218	2104248	111661
458532	113024	592777	112108	726025	113929	2104264	110906
458533	111544	592778	112758	726026	111748	2180620	111528
458537	111023	592786	112113	726029	111900	2181197	110905
458538	112430	592798	110759	726031	112475	2181693	110163
458540	113845	594082	113307	726032	111911	2181699	111144
458541	111560	594085	111015	726033	112295	2181726	111172
458545	113745	594091	113307	726034	112286	2181727	110905
458545	113745	594094	111231	726035	110585	2181730	111072
458546	110811	594213	113261	726036	112307	2181761	112113
458547	112083	600000	111807	726039	113719	2181762	112113
458552	112236	600001	111847	726040	111680	2181991	113477
458553	111382	600001	114114	726041	111123	2183106	111155
458556	112454	600003	111339	726042	112440	2325158	111141
458557	111242	600005	113331	726043	113430	2455023	113657
458558	111349	600006	113519	746000	112461	2518017	112727
458559	111562	600007	111787	746001	112471	2518028	111036
458561	111630	600010	113330	746003	111426	2518039	111397
458563	113444	600011	111565	746005	112292	2518044	111093
458564	111848	600012	112333	746006	113485	2518046	110923
458565	113936	600017	113791	746007	112271	2518051	111948
458566	111865	600018	113519	746008	112397	2518085	111179
458567	113025	600019	111343	746010	112229	2518086	112755
458569	113845	600022	111787	746011	112058	2521682	112683

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2522104	111658	2541341	111168	2541676	111353	2541903	112679
2523070	112109	2541344	112791	2541677	110618	2541905	111511
2523162	110766	2541354	111661	2541678	112681	2541906	112679
2523202	111152	2541355	112793	2541679	111498	2541908	111513
2523203	111154	2541359	111326	2541680	111354	2541911	111369
2523204	112149	2541360	114026	2541683	111354	2541916	111720
2523205	112149	2541363	111841	2541684	112701	2541919	112529
2523234	110178	2541364	112754	2541694	111788	2541920	111369
2541115	112764	2541365	112762	2541695	111803	2541922	111967
2541117	112756	2541366	111076	2541697	111946	2541927	112057
2541118	111325	2541367	112162	2541699	111354	2541928	111937
2541119	112751	2541368	112162	2541703	112298	2541937	112695
2541120	110905	2541369	111175	2541710	112292	2541938	112695
2541121	113789	2541384	111172	2541711	112772	2541942	111512
2541124	113500	2541399	111621	2541712	111940	2541950	112298
2541127	112795	2541400	111355	2541713	111716	2541951	112299
2541130	111948	2541403	112113	2541714	111940	2541953	111718
2541131	111948	2541410	111352	2541718	110618	2541954	112059
2541133	112183	2541412	112802	2541719	110619	2541959	112529
2541135	111036	2541415	111352	2541720	112701	2541960	111369
2541139	110908	2541416	111479	2541724	112782	2541961	112413
2541142	112162	2541417	111477	2541725	112287	2541962	112465
2541147	111527	2541423	111419	2541726	111532	2541963	112193
2541148	111948	2541424	113789	2541728	111411	2541965	111723
2541151	111503	2541434	112149	2541733	112793	2541967	111944
2541156	111171	2541435	111288	2541735	112292	2541968	111943
2541159	111322	2541438	111154	2541738	114026	2541969	112058
2541160	111171	2541439	112763	2541740	112230	2541970	113603
2541168	113477	2541441	111288	2541741	113439	2541971	112480
2541169	111841	2541442	111288	2541747	112704	2541976	111719
2541170	112754	2541444	111503	2541758	112688	2541977	111775
2541171	112162	2541445	111321	2541759	113485	2541978	111722
2541173	111321	2541446	113839	2541760	112703	2541979	111934
2541174	113839	2541447	112782	2541763	110619	2541980	112199
2541178	112758	2541452	110759	2541764	112701	2541982	112679
2541180	111076	2541455	113438	2541765	112793	2541983	112715
2541181	112162	2541457	112793	2541767	112782	2541984	111934
2541182	112162	2541458	112770	2541768	111226	2541989	111932
2541187	112727	2541459	112292	2541770	113868	2541992	111369
2541188	112762	2541460	113789	2541775	112529	2541997	112273
2541189	111175	2541461	112230	2541776	111369	2541998	112274
2541191	111397	2541464	110744	2541777	110163	2541999	111722
2541193	112762	2541465	112728	2541778	112113	2542203	111941
2541197	111319	2541466	112744	2541784	113604	2542225	112399
2541199	111658	2541467	111172	2541785	111318	2542228	112460
2541204	110889	2541468	112751	2541788	112695	2542231	111722
2541221	112763	2541469	111322	2541789	111512	2542232	113882
2541222	111288	2541471	111082	2541792	111513	2542233	113751
2541233	110912	2541475	113438	2541793	111175	2542234	112397
2541234	110912	2541476	113920	2541797	112695	2542237	112002
2541235	111035	2541478	113839	2541801	111820	2542238	112398
2541236	111035	2541489	111076	2541804	112532	2542239	112396
2541239	110759	2541490	111321	2541807	111321	2542240	112075
2541245	113789	2541491	113839	2541809	112557	2542241	111989
2541251	112461	2541494	112687	2541813	111326	2542244	113340
2541254	112727	2541498	112692	2541815	111477	2542245	112079
2541257	112756	2541600	111511	2541817	111676	2542251	112462
2541259	113487	2541602	112790	2541819	111353	2542252	113577
2541262	112789	2541608	112682	2541821	111352	2542253	113485
2541264	110358	2541609	112557	2541828	111658	2542254	112688
2541290	111355	2541610	112679	2541835	111776	2542255	111318
2541297	111093	2541612	112094	2541838	112529	2542256	113604
2541298	110619	2541618	111987	2541839	111369	2542260	113887
2541299	110618	2541619	111353	2541841	111941	2542262	112772
2541300	110908	2541620	113864	2541848	111947	2542264	112468
2541305	112740	2541624	111631	2541849	112758	2542265	112472
2541307	111319	2541626	111676	2541850	111658	2542271	112473
2541310	112790	2541635	111987	2541854	112292	2542272	112471
2541311	112792	2541641	112696	2541856	111478	2542273	111426
2541313	112769	2541642	111511	2541863	112467	2542279	113870
2541314	111076	2541643	111520	2541873	111720	2542281	112273
2541321	112800	2541645	112763	2541875	112463	2542282	112274
2541324	110889	2541648	111987	2541879	112557	2542285	113405
2541325	111326	2541655	111175	2541880	112557	2542286	113575
2541327	112795	2541659	112183	2541882	112463	2542289	111944
2541328	112769	2541663	111397	2541883	112463	2542291	111967
2541329	112758	2541665	112299	2541884	111947	2542294	113406
2541331	110905	2541671	114084	2541887	112679	2542295	113283
2541338	110905	2541675	111477	2541895	111478	2542297	112469

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
2542298	111944	2542524	113251	2542814	111720	2543570	114130
2542302	112473	2542525	113404	2542817	113919	2543639	112471
2542305	112648	2542531	112460	2542824	112468	2565994	111686
2542307	113404	2542538	113407	2542826	112468	2565995	111686
2542315	111719	2542540	113403	2542832	113640	2574347	113882
2542316	111775	2542542	113748	2542839	113948	2603260	114044
2542317	113300	2542543	111990	2542841	113720	2606333	113720
2542319	113302	2542545	113879	2542850	113720	2606334	113722
2542320	113835	2542546	113751	2542851	113722	2606924	114045
2542324	113751	2542547	113503	2542852	113407	2607208	113405
2542327	112470	2542548	112144	2542852	113881	2607209	113250
2542342	112199	2542551	112458	2542861	113722	2607210	113575
2542343	113407	2542553	112473	2542875	112193	2607211	113246
2542344	113404	2542554	113919	2542880	112298	2607212	113946
2542345	112535	2542556	112460	2542883	113720	2607395	113862
2542347	111943	2542557	113755	2542884	113722	2608371	113657
2542350	112689	2542564	112461	2542897	111718	2650014	113748
2542351	112461	2542572	113302	2542898	113992	2650135	113748
2542352	112688	2542573	113249	2542920	113405	2653014	113799
2542354	112059	2542577	113253	2542921	113250	2653015	113798
2542355	111318	2542578	113253	2542922	113575	2655103	113863
2542356	113604	2542582	113877	2542923	113872	2655476	114114
2542357	113485	2542584	111733	2542924	113640	2655516	113652
2542358	112688	2542587	113510	2542925	113755	2655517	113791
2542359	111631	2542602	113407	2542928	113946	2809249	111720
2542363	111722	2542603	111719	2542938	113946	2809464	113575
2542366	111934	2542605	113407	2542945	113940	2925000	110357
2542367	111934	2542608	113871	2542946	113862	2925060	110357
2542375	112467	2542611	113896	2542948	112079	2925330	110891
2542376	112688	2542613	113896	2542949	112002	2926300	111362
2542377	112193	2542614	112473	2542952	114130	2927060	111086
2542393	112471	2542615	113640	2542989	114042	2927070	111289
2542394	113405	2542619	113640	2543210	113946	2927120	110127
2542396	113575	2542640	113245	2543215	112469	2927440	112112
2542397	112469	2542646	112473	2543221	114189	2927750	110048
2542398	112648	2542650	113887	2543236	113881	2927990	110077
2542399	113404	2542653	112471	2543237	112193	2928580	112112
2542400	113404	2542662	112468	2543248	114102	2928610	111948
2542402	113510	2542664	113940	2543289	114042	2929510	111686
2542412	111967	2542670	113722	2543291	113861	2929580	112112
2542413	111943	2542671	113721	2543292	113858	2929780	111289
2542414	111943	2542672	113881	2543293	114189	2937130	110052
2542415	111720	2542678	112058	2543304	113896	2937390	110112
2542416	111720	2542679	111941	2543320	111989	2938680	110163
2542417	112298	2542680	113882	2543328	111989	2939210	110112
2542418	112299	2542681	112460	2543337	113919	2939520	112097
2542420	112144	2542684	112460	2543338	113245	2939590	111510
2542427	113250	2542685	113858	2543339	112471	2940130	110908
2542428	113872	2542686	112468	2543340	113248	2940275	111071
2542429	113246	2542689	112229	2543363	114130	2940300	110896
2542433	111720	2542690	113748	2543378	113862	2940301	110896
2542441	113247	2542691	112059	2543384	112471	2940303	111288
2542461	112002	2542693	113640	2543385	113919	2940304	112149
2542464	113403	2542695	113992	2543386	113245	2940305	112149
2542466	112458	2542696	113874	2543387	113248	2940306	111152
2542472	113755	2542704	113755	2543412	114130	2940307	111154
2542479	111720	2542705	113948	2543441	113248	2940308	110902
2542480	113577	2542708	113950	2543477	113722	2940309	111154
2542481	112199	2542715	112473	2543480	113720	2940310	112735
2542483	112058	2542722	113245	2543484	113721	2940311	111094
2542484	113405	2542725	113640	2543488	114293	2940347	111800
2542485	113250	2542736	113883	2543492	112460	2940349	111800
2542486	113603	2542738	113878	2543493	112461	2940353	111656
2542487	113575	2542746	113253	2543498	114102	2940357	110990
2542488	113872	2542747	113253	2543509	114131	2940361	111799
2542489	112480	2542753	113871	2543520	113250	2940363	111095
2542490	112469	2542767	111989	2543521	113405	2940367	111288
2542491	113246	2542771	113251	2543522	113946	2940369	110902
2542495	112458	2542772	114130	2543523	113575	2940371	111154
2542496	113252	2542783	114109	2543524	113946	2940373	112735
2542497	113510	2542785	114189	2543525	111941	2940375	112149
2542500	112461	2542793	113575	2543526	113640	2940426	110769
2542507	112396	2542794	113405	2543527	113755	2940657	110990
2542508	112397	2542794	113872	2543550	113403	2940753	112109
2542509	113878	2542797	112472	2543554	112199	2940772	111948
2542514	111631	2542802	113575	2543557	113245	2940778	110895
2542515	112413	2542803	113872	2543558	112471	2940780	110895
2542516	112465	2542812	112468	2543560	113940	2940981	111289
2542523	113248	2542813	111720			2941097	110916

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2941222	111659	2541838A	112529	A11M5	110743	A13E67	113472
2941231	111086	2541839A	111369	A11M6	110743	A13E68	111148
2941232	111071	2542461A	112002	A11VI10	110618	A13N104	112728
2941253	110877	2542500A	112461	A11VI102	112648	A13N11	111834
2941293	111095	2542646A	112473	A11VI104	111722	A13N110	111082
2941301	111656	2542646C	112473	A11VI105	111934	A13N113	110754
2941814	111479	2542646D	112473	A11VI106	113405	A13N114	110754
2941983	112715	2542646E	112473	A11VI108	112648	A13N118	110897
2950220	111289	2542671A	113721	A11VI109	113250	A13N12	110920
2950281	110358	2542691C	112059	A11VI11	110619	A13N120	112744
2950390	110876	2542693A	113640	A11VI110	113403	A13N121	111082
2950500	110890	2542736A	113883	A11VI111	113577	A13N123	110993
2950700	111948	2542922A	113575	A11VI21	111352	A13N124	112744
2960000	111510	2542923A	113872	A11VI22	111352	A13N129	111841
2960120	110117	2542924A	113640	A11VI23	112793	A13N13	110744
2960150	110766	2542925A	113755	A11VI24	112770	A13N130	112754
2960250	110076	2543221D	114189	A11VI25	112292	A13N133	111321
25416373	111987	2543248A	114102	A11VI26	111511	A13N135	110745
29409930	110178	2543293A	114189	A11VI28	112790	A13N136	111172
100714U	110585	2543480A	113720	A11VI32	112793	A13N137	110905
104326H	110585	2543484A	113721	A11VI33	112793	A13N138	111403
1EM0049	110389	2543488A	114293	A11VI36	111353	A13N138	113839
1EM0057	110811	2543498A	114102	A11VI37	110618	A13N139	111072
1EM0058	110808	2543498B	114102	A11VI38	112701	A13N14	110744
1EM0064	110479	2543526A	113640	A11VI40	112292	A13N140	110163
1EM0070	110808	2607209A	113250	A11VI42	110618	A13N140T	110163
1EM0081	110315	2607210A	113575	A11VI43	110619	A13N143M	112108
1EM0087	110807	2607211A	113246	A11VI44	112701	A13N144	111155
1EM0088	110149	2607395A	113862	A11VI45	112287	A13N147	111397
1EM008802	110808	2EA0411	110706	A11VI46	111411	A13N147M	111397
1EM0095	110808	2EA0436A	110959	A11VI49	112793	A13N148M	111397
2105473B	111528	2EA0467C	110540	A11VI51	112292	A13N149M	111397
21EA00040	112657	2EA0501A	111344	A11VI52	112793	A13N150	110754
2541298A	110619	2EA0550A1	110805	A11VI53	112793	A13N151	112162
2541299A	110618	2EA0550D3	110806	A11VI55	110619	A13N157	112756
2541307C	111319	2EA0629	110694	A11VI56	112701	A13N158	111325
2541307D	111319	2EM0659	110578	A11VI57	112793	A13N159	112751
2541416F	111479	310023W	111066	A11VI58	112793	A13N160	110905
2541417K	111477	310031X	110367	A11VI59	111513	A13N161	112769
2541434A	112149	310058L	110743	A11VI61	112695	A13N163	113500
2541447A	112782	310118Z	110367	A11VI64	111353	A13N164	113500
2541457B	112793	310146G	110585	A11VI66	111352	A13N165	112183
2541602A	112790	310154H	110920	A11VI72	112292	A13N166	110906
2541602F	112790	310213V	110587	A11VI76	112463	A13N167	112162
2541610G	112679	310221W	110743	A11VI77	112463	A13N169	111503
2541620A	113864	310231Z	110743	A11VI79	111513	A13N171	111171
2541620B	113864	532004C	110860	A11VI81	111937	A13N172	111322
2541626E	111676	534054M	110584	A11VI84	112770	A13N175	111841
2541642G	111511	75653A	110367	A11VI85	112695	A13N176	112754
2541665B	112299	94170X	110367	A11VI86	112463	A13N177	112162
2541665C	112299	94612K	111066	A11VI88	111718	A13N178	111321
2541678B	112681	94955E	112651	A11VI89	111723	A13N179	111403
2541678C	112681	99680X	110587	A11VI91	112058	A13N179	113839
2541679C	111498	A0002655009	112327	A11VI92	111722	A13N181	111076
2541683A	111354	A0002655011	113653	A11VI93	111934	A13N182	112162
2541694D	111788	A0002655023	113657	A11VI94	112199	A13N183	112162
2541697B	111946	A0002655103	113863	A11VI95	112273	A13N184	112762
2541710B	112292	A000265516	113652	A11VI97	111722	A13N186M	111397
2541738B	114026	A0002655221	113317	A11VI98	113577	A13N190	114077
2541740B	112230	A0002655485	113653	A11VI99	113405	A13N199	113789
2541741B	113439	A0002655516	113652	A12R21	110745	A13N1M	111397
2541758B	112688	A000A002	110660	A12R223	110745	A13N2	111397
2541760B	112703	A000A003	110659	A12R36	110916	A13N20	110754
2541763A	110619	A000A0062	111929	A12R37	110916	A13N204	113487
2541763C	110619	A000A0063	111929	A12R56	110743	A13N206	112769
2541763D	110619	A000A0190	110957	A13E09	111154	A13N207	112705
2541765A	112793	A000B015	110699	A13E1	111036	A13N209	112769
2541767A	112782	A000B016	110706	A13E19	112727	A13N210	110905
2541775A	112529	A000B0261	110803	A13E23	110912	A13N214	111168
2541775B	112529	A000B0301	110802	A13E25	111035	A13N215	111841
2541776B	111369	A000B0331	110959	A13E26	111035	A13N216	112754
2541784B	113604	A000B0341	113633	A13E39	111095	A13N217	112762
2541788E	112695	A000B0391	111309	A13E41	111288	A13N218	111076
2541793A	111175	A000B0431	110540	A13E43	111154	A13N219	112162
2541797E	112695	A000B0441	110804	A13E45	111094	A13N220	112162
2541809A	112557	A0B09601	110540	A13E50	111621	A13N226	111171
2541815A	111477	A11M11	110743	A13E58	111154	A13N228	111171
2541815B	111477	A11M12	110743	A13E63	113471	A13N229T	110163
2541821A	111352	A11M4	110743	A13E66	113472	A13N22T	110163

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
A13N23	113920	A13R221	110744	A13VI224	111722	A13VI87	112230
A13N230	113789	A13R222	110744	A13VI23	112791	A13VI88	113438
A13N231	111503	A13R228	111072	A13VI230	113485	A13VI94	112688
A13N232	111321	A13R258	110754	A13VI231	112688	A13VI95	113485
A13N233	111403	A13R260	111072	A13VI232	111318	A13VI96	112782
A13N233	113839	A13R263	110992	A13VI233	113604	A13VI97	113868
A13N234	111397	A13R267	110897	A13VI234	112472	A13VI99	112529
A13N235	113789	A13R268	111155	A13VI236	113575	A14N1	111071
A13N236	113920	A13R269	111072	A13VI237	111967	A14N100	113477
A13N236M	113920	A13R38	110745	A13VI238	112473	A14N100M	113477
A13N237	111402	A13R95	110745	A13VI241	113406	A14N101	111322
A13N238	111403	A13V02	111093	A13VI242	112469	A14N104	112758
A13N238	113839	A13V05	110923	A13VI243	113961	A14N106	111144
A13N239	110769	A13V07	111093	A13VI246	113404	A14N11	110931
A13N240	111076	A13VI100	111369	A13VI252	112458	A14N110	112113
A13N241	111321	A13VI101	113604	A13VI253	112470	A14N110M	112113
A13N242	113839	A13VI102	111318	A13VI254	111719	A14N112M	113477
A13N247	111659	A13VI104	112695	A13VI255	111775	A14N114	112113
A13N255	112183	A13VI105	111512	A13VI256	113404	A14N114T	112113
A13N257	114077	A13VI108	111175	A13VI257	111943	A14N115M	112113
A13N259	111397	A13VI11	112789	A13VI258	112688	A14N116M	112113
A13N259M	111397	A13VI114	111820	A13VI259	112059	A14N117	112755
A13N26	110140	A13VI116	112532	A13VI26	112781	A14N118M	111658
A13N260	114084	A13VI118	112557	A13VI260	113485	A14N119M	113477
A13N269	111803	A13VI121	111477	A13VI261	112688	A14N13	111144
A13N27	110905	A13VI122	111326	A13VI262	111318	A14N132	112795
A13N270	110052	A13VI123	111479	A13VI263	113604	A14N133	110076
A13N271	112548	A13VI124	111477	A13VI266	111934	A14N135	111527
A13N272	114077	A13VI126	111676	A13VI27	112782	A14N137M	113477
A13N274	111940	A13VI13	111319	A13VI273	112467	A14N138	112758
A13N275	111716	A13VI130	111947	A13VI274	112688	A14N139	111175
A13N276	111940	A13VI132	111776	A13VI276	113575	A14N140	111319
A13N28	111226	A13VI134	112529	A13VI277	112469	A14N141M	111658
A13N281	111226	A13VI135	111369	A13VI278	113404	A14N144	110889
A13N283	110163	A13VI138	111478	A13VI279	113404	A14N150	111144
A13N283M	110163	A13VI142	112467	A13VI28	111326	A14N160	112758
A13N285	113382	A13VI149	112463	A13VI280	112298	A14N163	110889
A13N285M	113382	A13VI15	112790	A13VI281	112299	A14N164	112795
A13N289	111321	A13VI150	111947	A13VI282	113872	A14N172	111175
A13N293	111075	A13VI151	112557	A13VI283	113246	A14N177M	112113
A13N2M	111397	A13VI152	112557	A13VI285	112458	A14N18	111173
A13N32	110897	A13VI153	112679	A13VI286	112413	A14N182	111987
A13N33	110116	A13VI156	111478	A13VI287	112465	A14N183M	111631
A13N35M	111397	A13VI16	112790	A13VI288	113404	A14N185	111987
A13N36M	112108	A13VI163	112682	A13VI289	112458	A14N190	111987
A13N38	111075	A13VI164	112679	A13VI291	112473	A14N196M	112113
A13N39	111085	A13VI165	112696	A13VI292	111719	A14N198M	112113
A13N3M	110048	A13VI166	111511	A13VI293	111733	A14N2	111071
A13N41	111155	A13VI167	112679	A13VI30	111326	A14N20	111144
A13N43	111075	A13VI169	111369	A13VI300	112059	A14N200M	111658
A13N47	110992	A13VI17	112792	A13VI31	114026	A14N205	112758
A13N4T	110163	A13VI170	111369	A13VI39	112802	A14N206M	111658
A13N50	112739	A13VI175	112529	A13VI40	111479	A14N207M	111631
A13N52	111226	A13VI176	111369	A13VI41	111477	A14N208M	111631
A13N56M	110163	A13VI178	111967	A13VI46	112782	A14N22	111144
A13N57M	110048	A13VI179	112057	A13VI48	112781	A14N23	111156
A13N5T	110163	A13VI18	112800	A13VI49	112230	A14N28T	111331
A13N62	111171	A13VI184	112695	A13VI51	113438	A14N3	111331
A13N63	111072	A13VI185	111512	A13VI54	112687	A14N30M	112113
A13N64	110921	A13VI189	112298	A13VI55	112682	A14N36	111156
A13N65	111072	A13VI190	112413	A13VI57	112679	A14N37	111144
A13N66M	111624	A13VI191	112299	A13VI59	112094	A14N39	110076
A13N80	111153	A13VI195	112059	A13VI61	113864	A14N3T	111331
A13N87	111072	A13VI197	112529	A13VI63	111676	A14N4	110889
A13N88	111163	A13VI198	111369	A13VI64	112696	A14N43M	111331
A13N89	112744	A13VI200	112465	A13VI65	111511	A14N44M	111331
A13N93	110140	A13VI201	111944	A13VI66	111520	A14N47M	113477
A13N94	111075	A13VI202	111943	A13VI68	111175	A14N50	111144
A13N95	111076	A13VI203	113603	A13VI71	112299	A14N53	111171
A13NP173	111172	A13VI204	112480	A13VI72	112681	A14N54	111661
A13R121	110887	A13VI207	111719	A13VI73	111498	A14N55	111071
A13R15	110745	A13VI208	111775	A13VI74	111354	A14N62	111171
A13R157	110745	A13VI210	112679	A13VI75	111354	A14N64	111144
A13R170	110745	A13VI211	112715	A13VI76	111788	A14N67	111327
A13R182	110801	A13VI212	111934	A13VI78	111946	A14N69	111144
A13R192	111153	A13VI217	111932	A13VI81	112298	A14N73	111319
A13R214	110043	A13VI220	111369	A13VI83	112782	A14N75	111319
A13R22	110745	A13VI222	111890	A13VI84	111532	A14N76	111179
A13R220	110992	A13VI223	112274	A13VI85	114026	A14N78	111156

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A14N79.....	111156	AB190110.....	113790	D11E119T.....	113465	D6RA16.....	111130
A14N81M.....	113477	AB190111.....	113790	D11E120.....	111332	D6RA161.....	111130
A14N84.....	111144	AB190119.....	110804	D11E122.....	113466	D6RA162.....	111123
A14N89.....	111144	AB190147.....	113657	D11E122T.....	113466	D6RA163.....	111123
A14N90.....	111659	AB190205.....	111314	D11E131.....	111332	D6RA165.....	113122
A14N91.....	111659	AB190386.....	111314	D11E137.....	110565	D6RA167.....	112217
A14N93.....	111144	AB195116.....	113652	D11E141.....	110439	D6RA168.....	111347
A14N95.....	111179	AB195126.....	112327	D11E146.....	113269	D6RA18.....	111130
A14N96.....	112755	AB195133.....	113652	D11E149.....	112651	D6RA181.....	112476
A14R23.....	111156	AB195141.....	113517	D11E154.....	110565	D6RA185.....	113122
A14R26.....	111071	AC155513.....	110540	D11E155.....	110439	D6RA187.....	114035
A14R28.....	111071	AC155515.....	110540	D11E158.....	111332	D6RA188.....	114035
A14R33.....	110076	AC155602.....	110959	D11E15H.....	110565	D6RA19.....	113307
A14R41.....	111156	AC155603.....	110959	D11E167T.....	111047	D6RA20.....	110584
A14S054.....	112468	AC155604.....	110959	D11E172.....	112541	D6RA21.....	113974
A14S055.....	112468	AC155616.....	111710	D11E179.....	111109	D6RA22.....	111015
A14V04.....	112764	AC155907.....	110540	D11E184.....	111109	D6RA23.....	110587
A14V05.....	112740	AC165610.....	111710	D11E191.....	111109	D6RA249.....	111123
A14V13.....	112683	AC165616.....	111710	D11E272.....	112541	D6RA28.....	111052
A14V17.....	112809	AC165617.....	111710	D11E35.....	110818	D6RA29.....	113307
A14V18.....	112692	AC165618.....	111710	D11E59.....	110818	D6RA293.....	111123
A14VI10.....	112772	AD150413.....	110805	D11E84.....	110439	D6RA30.....	110365
A14VI11.....	112704	AD155325.....	110699	D11E99.....	113466	D6RA32.....	111123
A14VI13.....	112703	AD155326.....	110706	D13E101.....	110205	D6RA33.....	111251
A14VI17.....	111941	AD160209.....	110706	D13E101TE.....	110205	D6RA34.....	113307
A14VI19.....	111720	AD165202.....	111929	D13E107.....	111231	D6RA37.....	110584
A14VI20.....	111720	AD165206.....	113343	D13E107TE.....	111231	D6RA38.....	111130
A14VI22.....	112193	AD165309.....	110806	D13E110.....	111231	D6RA39.....	111025
A14VI25.....	111941	AD165320.....	111929	D13E110TE.....	111231	D6RA40.....	111404
A14VI27.....	112460	AD165320Q.....	111929	D13E111.....	111231	D6RA42.....	110856
A14VI28.....	112462	AD165321.....	111929	D13E111TE.....	111231	D6RA43.....	111100
A14VI29.....	112468	AD165321Q.....	111929	D13E117.....	111231	D6RA431.....	111100
A14VI30.....	112772	AD165439.....	113343	D13E117TE.....	111231	D6RA45.....	111333
A14VI31.....	112772	AD165440.....	113343	D13E118.....	111231	D6RA46.....	111251
A14VI34.....	113407	AD165454.....	113343	D13E118TE.....	111231	D6RA47.....	111106
A14VI35.....	112461	AD165471.....	113343	D13E119TE.....	111231	D6RA48.....	111127
A14VI36.....	113510	AD175052.....	111343	D13E120TE.....	113262	D6RA5.....	110584
A14VI40.....	113755	AD225412.....	111344	D13E121TE.....	111231	D6RA50.....	113307
A14VI41.....	112461	AF111225.....	113331	D13E123.....	111231	D6RA52.....	111015
A14VI42.....	112460	AF111364.....	112333	D13E1231TE.....	111231	D6RA53.....	111333
A14VI45.....	113407	AF111382.....	113792	D13E123TE.....	111231	D6RA54.....	113307
A14VI46.....	113407	AF111390.....	113331	D13E63.....	110512	D6RA55.....	111335
A14VI47.....	113407	AF111393.....	113792	D13E63T.....	110512	D6RA56.....	111251
A14VI48.....	113640	AF175207.....	113519	D13E69.....	110512	D6RA57.....	110584
A14VI49.....	113640	AF175362.....	113519	D13E69T.....	110512	D6RA571.....	110584
A14VI52.....	112468	AF175363.....	113330	D13E81.....	110512	D6RA572.....	110584
A14VI53.....	112468	AF175385.....	113519	D13E81T.....	110512	D6RA59.....	111422
AB111033.....	111406	AF175476.....	113330	D13HP601.....	112224	D6RA6.....	111251
AB111057.....	111406	AF175503.....	111491	D13HP607.....	113261	D6RA61.....	111251
AB150021.....	111714	AF185381.....	113213	D13HP613.....	112227	D6RA62.....	111123
AB160044.....	111308	AF185452.....	112334	D13HP703.....	111231	D6RA63.....	113605
AB160063.....	111308	AF190216.....	113519	D13HP709.....	112227	D6RA64.....	111130
AB160108.....	113518	AF190217.....	113519	D6G1.....	113719	D6RA65.....	113122
AB165014.....	110660	APR140AB.....	111237	D6G3.....	110584	D6RA66.....	111130
AB165104.....	111847	APR140AA.....	110694	D6G32.....	113719	D6RA661.....	111130
AB165104.....	114114	APR155BA.....	110706	D6G321.....	113719	D6RA67.....	112217
AB170035.....	111787	APR165AA.....	110806	D6G33.....	113843	D6RA68.....	111347
AB170036.....	111237	APR225AA.....	111344	D6G5.....	111931	D6RA7.....	111334
AB170037.....	112100	AR150BA.....	110959	D6GS11.....	114163	D6RA72.....	111129
AB170066.....	111807	AR150CA.....	110540	D6GS12.....	114034	D6RA721.....	111129
AB170094.....	111237	AR150DA.....	110540	D6GS13.....	114176	D6RA73.....	111251
AB175015.....	110659	AR150AA.....	110959	D6GS14.....	113773	D6RA75.....	111335
AB175019.....	111309	AR175AA.....	110957	D6RA10.....	110584	D6RA76.....	111508
AB175020.....	110802	BM51267AR.....	111929	D6RA100.....	110584	D6RA78.....	111307
AB175036.....	111237	D10E59.....	110835	D6RA101.....	113481	D6RA79.....	111306
AB175051.....	110957	D10E75.....	110824	D6RA104.....	113481	D6RA8.....	111130
AB175052.....	111343	D10E81.....	110824	D6RA105.....	113929	D6RA80.....	112217
AB175053.....	110659	D10E83.....	110824	D6RA109.....	111130	D6RA81.....	112476
AB175054.....	111309	D10E85.....	112295	D6RA11.....	111404	D6RA811.....	112476
AB175068.....	111309	D10E88.....	111124	D6RA110.....	113254	D6RA83.....	111931
AB175201.....	110956	D10E881.....	111124	D6RA112.....	112295	D6RA84.....	113122
AB175359.....	112500	D10E882.....	111124	D6RA115.....	113929	D6RA85.....	113122
AB180128.....	111309	D10E89.....	111124	D6RA12.....	111129	D6RA92.....	111848
AB180140.....	113656	D10E92.....	112295	D6RA13.....	110394	D6RA93.....	111123
AB190012.....	110803	D10E921.....	112295	D6RA132.....	111123	D6RAP229.....	111931
AB190025.....	110804	D10E922.....	112295	D6RA133.....	111251	D7E1.....	111641
AB190058.....	111405	D11E104.....	113465	D6RA137.....	114035	D7E16.....	110584
AB190072.....	110804	D11E118.....	113269	D6RA138.....	114035	D7E18.....	111931
AB190097.....	111314	D11E119.....	113465	D6RA15.....	111334	D7E19.....	112218

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
D7E2	110584	D7RS1	111442	D9E27	110793	HD90S016ZD	111720
D7E20	111251	D7RS129	112286	D9E276	110585	HD90S017ZD	111720
D7E22	112218	D7RS130	111900	D9E278	110866	HD90S019ZD	111720
D7E23	110584	D7RS131	113387	D9E300	110835	HD90S020ZD	111720
D7E25	110584	D7RS150	112429	D9E34	110367	HK988300	111476
D7E26	112218	D7RS29	112286	D9E36	111066	HQ808670	111565
D7E27	113932	D7RS30	111900	D9E39	110585	M000A0171	110807
D7E30	114199	D7RS301	111900	D9E43	110837	M000A01901	110958
D7E31	113267	D7RS31	113387	D9E44	110837	M000A0191	110958
D7E32	114199	D7RS50	112429	D9E45	110790	M000A0240Z	110808
D7E38	111931	D7RS7	111442	D9E46	110866	M000A0241	110808
D7E39	114095	D7RSA10	112214	D9E48	110587	M000A025	110809
D7E4	111931	D7RSA11	112214	D9E49	110587	M000A026	110576
D7E40	114199	D7RSA2	111442	D9E50	113307	M000A0271	112342
D7E41	113267	D7RSA3	113024	D9E51	111211	M000A0291	113129
D7E42	114199	D7RSA4	112214	D9E52	110585	M000A0301	113456
D7E47	113932	D7RSA5	112214	D9E53	111068	M04418	110806
D7E5	110584	D7RSA7	111442	D9E54	111066	M04419	111344
D7E52	113962	D7RSA9	113024	D9E55	110866	M04501	110576
D7E6	112218	D8E104	110793	D9E56	111064	M04686	110807
D7E7	111994	D8E108	111131	D9E61	111066	M11C40	112317
D7E8	111931	D8E109	111104	D9E62	111066	M24698	113129
D7ED28	113756	D8E111	110856	D9E64	111068	M24798	113129
D7ED281	113756	D8E115	110835	D9E66	111064	M31612	110959
D7EP12	111123	D8E116	111100	D9E68	110866	M32909	110389
D7ES1	111909	D8E121	110367	D9E7	110790	M34377	110540
D7ES5	111909	D8E122	110793	D9E70	111063	M34466	112342
D7G11	112475	D8E124	110793	D9E701	111063	M35529	110694
D7G3	113933	D8E126	111104	D9E702	111063	M36203	110578
D7G4	114127	D8E130	110856	D9E72	110585	M36311	110957
D7GS10	113841	D8E131	110856	D9E74	111064	M36336	110808
D7GS8	113842	D8E132	110835	D9E75	111068	M36370	110315
D7GS9	114171	D8E134	110774	D9E76	110585	M36505	110807
D7R1	111029	D8E140	110860	D9E761	110585	M36709	110706
D7R11	111029	D8E148	111100	D9E77	110585	M36710	110699
D7R12	111070	D8E152	110367	D9E771	110585	M36873	110479
D7R127	111070	D8E158	110363	D9E772	110585	M36880	110660
D7R13	112295	D8E21	110367	D9E773	110585	M36881	110659
D7R14	113478	D8E41	110367	D9E774	110585	M36934	111929
D7R15	111029	D8E54	110856	D9E776	110585	M37156	110808
D7R151	111029	D8E60	110367	D9E78	110866	M37208	111309
D7R18	112295	D8E64	110367	D9E79	110866	M37454	110315
D7R19	111851	D8E66	110367	D9E81	110835	M37589	110803
D7R2	114460	D8E70	110856	D9E83	110837	M38382	110149
D7R20	111070	D8E74	110856	D9E85	111063	M39376	110958
D7R23	111905	D8E75	110367	D9E851	111063	M39378	110958
D7R24	114460	D8E76	110793	D9E852	111063	M39419	110808
D7R25	112295	D8E81	110367	D9E86	110860	M39589	110802
D7R26	114460	D8E86	110856	D9E861	110860	M39590	113633
D7R27	111070	D8E96	110793	D9E87	110774	M39646	110315
D7R28	111851	D8E99	111100	D9E9	110793	M39882	110804
D7R281	112440	D8R27	113926	D9E92	110856	M39884	110956
D7R3	111029	D8R29	113926	D9E93	111100	M40185	110808
D7R32	111070	D9E100	110835	D9E95	110790	M40237	110245
D7R33	111694	D9E107	110336	D9EP119	110587	M40472	110959
D7R34	112475	D9E108	111053	D9R112	112295	M40473	110540
D7R35	112295	D9E11	110790	D9R116	111047	M40546	110663
D7R4	114460	D9E114	111058	D9R119	111065	M42373	110810
D7R40	113256	D9E12	110367	D9R121	111070	M43005	110811
D7R41	113134	D9E123	112289	D9R141	110368	M43006	111241
D7R42	111619	D9E124	110341	D9R144	111047	M43007	110811
D7R43	111851	D9E125	111056	D9R149	112440	M43168	111246
D7R44	112474	D9E127	110338	D9R237	110585	M43170	112100
D7R45	111029	D9E128	110364	D9R73	111114	M43195	110808
D7R46	111851	D9E129	111055	D9R84	111070	M43196	110808
D7R47	112474	D9E131	110837	D9R89	111125	M43663	111242
D7R48	112474	D9E132	110837	D9R90	111115	M44684	110808
D7R49	112474	D9E136	110865	D9R91	110354	M52100	111306
D7R5	112295	D9E137	110585	D9RP160	111065	M53436	111307
D7R53	112475	D9E138	110585	D9RP256	112295	M53486	111307
D7R56	112475	D9E140	111059	DRRA79	111306	M56290	112322
D7R57	112053	D9E167	110336	FS60PR019	113934	M60062	113521
D7R61	111996	D9E18	110774	HA175160	111343	M60081	113638
D7R64	112290	D9E20	110367	HD90S010	111720	M60082	113521
D7R7	110836	D9E200	110835	HD90S011	111720	M62956	113805
D7R70	112251	D9E22	110367	HD90S013	111720	M62957	113020
D7R8	111070	D9E237	110585	HD90S013ZD	111720	MC107012	110479
D7RP123	112440	D9E238	110585	HD90S014	111720	MC107023	110479
D7RP204	112475	D9E243	112289	HD90S014ZD	111720	MC108024	110808

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MC108027	110807	NA266	112739	NA470	112701	ND057	110367
MC108029	110808	NA273	111075	NA472	111776	ND057	110866
MC108030	110807	NA281	111082	NA473	113864	ND058	110585
MC109011	110807	NA282	110993	NA475	112696	ND059	111025
MC109018	110315	NA284	111180	NA476	111520	ND061	110336
MC109021	110808	NA285	111153	NA477	112298	ND062	111053
MC109025	110315	NA287	110931	NA478	111532	ND068	110367
MC109028	110808	NA290	111173	NA479	112688	ND068	110866
MC109032	110958	NA294	111171	NA480	112772	ND069	111063
MC109036	110808	NA297	111327	NA481	112703	ND070	110835
MC109039	110808	NA302	111319	NA485	113604	ND073	110585
MC109046	110808	NA305	111156	NA492	111148	ND074	112295
MF250671	113676	NA312	110076	NA494	111987	ND076	113466
MG112014	110811	NA313	111661	NA496	112695	ND078	110354
MG112022	111241	NA316	111841	NA498	111513	ND079	110439
MG117559	110245	NA317	112754	NA499	112695	ND086	112541
MG120413	110809	NA320	111171	NA500	113485	ND091	110338
MG120416	110578	NA335	111036	NA501	112692	ND094	111055
MG120445	111476	NA336	112162	NA502	112809	ND095	111056
MG120558	112374	NA337	111331	NA503	111478	ND096	111058
MG120559	110245	NA345	112162	NA504	111369	ND108	110584
MG120906	110809	NA346	111321	NA505	112463	ND109	111129
MG122202	111565	NA350	111171	NA506	111720	ND110	110584
MG122404	110389	NA352	111403	NA507	112758	ND111	110587
MG122433	111461	NA352	113839	NA509	110163	ND111	111130
MG232415	110576	NA360	110163	NA510	112113	ND113	111334
MG250302	113129	NA361	110163	NA511	111141	ND114	110585
MG255301	112342	NA363	113477	NA513	110905	ND119	110365
MP112033	111305	NA365	110895	NA514	110163	ND121	111251
MP112038	110810	NA366	112758	NA518	110113	ND122	110394
MP112040	110811	NA371	110895	NA520	111658	ND123	111070
MP112041	111241	NA374	112756	NA521	112467	ND124	111052
MP112042	111305	NA376	112751	NA524	111723	ND127	110837
MP112043	111242	NA379	112795	NA526	113868	ND128	111029
MP112045	110810	NA380	111035	NA528	111947	ND129	111029
MP117044	111246	NA384	112762	NA530	112462	ND130	110585
N43169	110810	NA385	111175	NA531	112413	ND131	110584
NA014	110969	NA386	111419	NA532	112465	ND134	111123
NA028	111362	NA387	111397	NA533	111890	ND135	111065
NA036	111289	NA388	111397	NA534	111967	ND136	111251
NA058	111948	NA391	111325	NA535	111943	ND137	112295
NA065	111185	NA392	113500	NA536	111788	ND138	111070
NA066	113574	NA393	111503	NA540	111512	ND138	113307
NA098	112744	NA394	111322	NA541	112557	ND138	114460
NA116	110769	NA398	111319	NA542	112679	ND139	113307
NA117	110743	NA400	111144	NA544	112679	ND140	111015
NA118	111948	NA402	110908	NA547	111775	ND141	111059
NA120	110913	NA408	112769	NA548	111934	ND145	110585
NA122	111653	NA414	111326	NA549	112057	ND146	111231
NA123	111652	NA423	112230	NA551	112059	ND147	111047
NA128	110360	NA425	111527	NA552	113577	ND148	113307
NA129	110913	NA426	112113	NA553	110889	ND149	111211
NA134	111074	NA429	112109	NA557	112557	ND150	111404
NA135	112097	NA432	112108	ND002	110365	ND152	112295
NA139	111074	NA433	112292	ND007	111106	ND156	111251
NA181	112097	NA434	112793	ND011	110793	ND158	112289
NA183	110116	NA435	111718	ND011	111066	ND159	111422
NA201	111154	NA436	111803	ND020	110824	ND160	111347
NA202	111094	NA437	111479	ND022	111124	ND162	111851
NA205	110905	NA438	111477	ND025	112295	ND162	112440
NA206	110990	NA440	111676	ND034	111109	ND163	112295
NA214	110912	NA442	112299	ND034	111125	ND164	113605
NA216	111686	NA444	112529	ND036	111114	ND165	111641
NA224	111656	NA445	111369	ND036	112541	ND169	112295
NA225	111800	NA446	112683	ND039	110793	ND171	111251
NA226	111800	NA449	111511	ND040	110837	ND172	112227
NA230	111799	NA450	111352	ND043	111064	ND204	111070
NA232	110921	NA454	110619	ND044	111064	ND209	111931
NA236	110744	NA455	111353	ND045	111064	ND211	111029
NA239	110754	NA457	112800	ND046	111068	ND212	110584
NA242	111659	NA458	112790	ND047	110860	ND213	111333
NA243	111163	NA459	112792	ND047	111063	ND215	111905
NA246	110744	NA461	112679	ND048	110774	ND216	112218
NA247	111155	NA464	113487	ND048	110835	ND217	111508
NA249	111144	NA465	111653	ND049	110856	S635329A	113934
NA251	110889	NA466	111411	ND050	111100	SG09B063	113575
NA252	111171	NA467	111498	ND052	110790	SG10B010	112458
NA255	111075	NA468	112681	ND053	111070	SG10B011	112473
NA256	111076	NA469	112287	ND055	111115	SG10B012	111426

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
SG10B019	..112458	SG15S031	..113948	TA000A48402	..113600	TG8S024	..114293
SG10B021	..112480	SG6S010	..112689	TA000A52202	..114114	TG8S025	..111718
SG10B022	..112469	SG7S010	..112199	TA000A55401	..111515	TG9B024	..113575
SG10B023	..113246	SG7S012	..113403	TA000A55601	..113791	TG9B025	..113872
SG10B031	..112473	SG7S013	..112199	TA000A56901	..113331	TG9B026	..113946
SG10B035	..112473	SG7S014	..112058	TA000A57301	..112333	TG9B028	..112469
SG10B041	..111426	SG7S015	..113405	TA000A57401	..113330	TG9B042	..114131
SG10B048	..113946	SG7S016	..113250	TA000A58101	..114219	TG9B043	..113405
SG10S028	..113748	SG7S020	..113879	TA000A58602	..113519	TG9B044	..113946
SG10S034	..113748	SG7S021	..111990	TA000A61201	..113331	TG9B045	..113575
SG10S036	..113748	SG7S024	..112058	TA000A62401	..113792	TG9B064	..113575
SG10S044	..113748	SG7S025	..112229	TA000B0261	..110803	TG9B065	..113246
SG12B010	..113882	SG7S028	..113577	TA000B08001	..110956	TG9B066	..113946
SG12B011	..113751	SG7S070	..113403	TA000B13001	..111710	TG9C013	..113883
SG12B012	..112397	SG7S071	..112199	TA000B16701	..110664	TG9S010	..113722
SG12B015	..112002	SG7S074	..113577	TA000B28101	..111710	TG9S015	..113722
SG12B017	..112471	SG8B010	..112398	TA000B33801	..110802	TG9S016	..113722
SG12B018	..113283	SG8B011	..112075	TA0B09601	..110540	TG9S021	..113722
SG12B021	..113300	SG8B017	..113870	TC15C020	..113640	TG9S022	..113722
SG12B023	..113302	SG8B018	..112273	TG10B013	..113946	TG9S036	..113722
SG12B024	..113835	SG8B020	..113603	TG10B024	..113946	TM000A0191	..110958
SG12B025	..113751	SG8B021	..113575	TG11C011	..113940	TM000A0241	..110808
SG12B027	..112535	SG8B022	..113872	TG11C014	..113874	TM000A0301	..113456
SG12B029	..112193	SG8B023	..113253	TG11C034	..113940	TM000A03801	..110810
SG12B030	..113245	SG8B026	..113253	TG11C048	..113861	TM000A03901	..110808
SG12B039	..112472	SG8B027	..113340	TG11C062	..113940	TM000A04001	..110811
SG12B040	..113247	SG9B010	..112399	TG11C064	..113940	TM000A04101	..111241
SG12B042	..112002	SG9B011	..112399	TG12C094	..113862	TM000A04201	..111305
SG12B047	..113878	SG9B013	..111989	TG13S022	..113798	TM000A04301	..111242
SG12B049	..112397	SG9B015	..112079	TG14C011	..113992	TM000A04801	..111246
SG12B050	..113248	SG9B017	..112396	TG14C015	..113992	TM000A05101	..110810
SG12B052	..113919	SG9B018	..113887	TG15C011	..113510	TM000A05501	..110808
SG12B054	..113751	SG9B024	..112274	TG15C012	..113881	TM000A06001	..110576
SG12B055	..113249	SG9B027	..112399	TG15C015	..111941	TM000A06101	..110809
SG12B060	..113302	SG9B033	..112144	TG15C018	..113858	TM000A06701	..110389
SG12B062	..113877	SG9B037	..111967	TG15C020	..113640	TM000A06901	..110389
SG12B068	..113245	SG9B038	..111943	TG15C022	..113755	TM000A07101	..110245
SG12B071	..112471	SG9B039	..111943	TG15C023	..113948	TM000A07901	..111306
SG12B072	..113245	SG9B042	..112396	TG15C028	..113640	TM000A08401	..111307
SG12B074	..113882	SG9B047	..112144	TG15C034	..114130	TM000A08701	..113129
SG12B075	..113878	SG9B048	..113253	TG15C038	..113881	TM000A13701	..113638
SG12B080	..112472	SG9B049	..111989	TG15C043	..113510	TM000A13901	..113521
SG12B081	..113919	SG9B050	..113871	TG15C053	..113640	TM000A14301	..113805
SG12B087	..112197	SG9B054	..113950	TG15C054	..113755	TM000A14401	..113020
SG12B089	..113862	SG9B055	..113887	TG15C056	..114130	TM000A14901	..111476
SG12B090	..112002	SG9B057	..113253	TG15C057	..114130	TM000A15701	..111851
SG12B095	..113248	SG9B059	..111989	TG15C064	..113881	TM000A18601	..111565
SG12B096	..112471	SG9B063	..113575	TG15C115	..112460	TM000A19301	..111241
SG12B097	..113245	SG9B064	..113872	TG15C116	..112461	TM000A21901	..113141
SG12B098	..113919	SG9B065	..113575	TG15C117	..111941	TM000A23501	..111849
SG12B105	..113862	SG9B066	..113575	TG15C118	..113640	TM000A23601	..113937
SG12B107	..113245	SG9B067	..113872	TG15C119	..113755	TM000A24301	..111786
SG12B108	..113248	SG9B077	..112298	TG15C121	..114130	TM000A27301	..113659
SG12B109	..113919	SG9B078	..112079	TG17C010	..113896	TM000A28901	..113727
SG12B110	..112471	SG9B087	..111989	TG17C010B	..113896	TM000A29001	..113735
SG12B116	..113248	SG9B088	..111989	TG17C011	..113896	TM000A31001	..112322
SG12B122	..113245	ST35C010	..114044	TG17C019	..114109	TM000A31201	..113796
SG12B123	..112471	ST35C013	..114045	TG17C021	..114189	TM000A32401	..114653
SG12S019	..111944	ST35C015	..114046	TG17C021B	..114189	TM000A33401	..113797
SG12S034	..113748	ST35C016	..114045	TG17C028	..114042	TM000A34001	..114270
SG12S055	..113503	ST35C017	..114045	TG17C030	..114042	TM000A34101	..113445
SG12S070	..113800	TA00023301	..111710	TG17C030B	..114042	TM000A35301	..111849
SG12S072	..113800	TA000A06101	..111344	TG17C035	..114189	TM000A36101	..113445
SG12S084	..113800	TA000A07401	..111406	TG17C041	..114102	TM000A37001	..112322
SG12S114	..113799	TA000A08101	..111787	TG17C048	..113896	TM000A37201	..113659
SG14B011	..113252	TA000A08801	..112100	TG17C061	..114102	TS10E1	..113963
SG14B012	..113510	TA000A11001	..110663	TG7S010	..113405	TS10E26	..114034
SG14B013	..113510	TA000A14501	..111405	TG7S011	..113250	TS10E3	..113932
SG14B017	..113871	TA000A15101	..110659	TG7S013	..113250	TS10E4	..112218
SG14B019	..112193	TA000A17301	..113518	TG7S014	..113405	TS10E5	..112218
SG14B020	..112193	TA000A30601	..111847	TG7S015	..113250	TS12E10	..111906
SG15L026	..113251	TA000A33001	..112530	TG8S010	..113721	TS14E11	..113905
SG15S016	..112460	TA000A34801	..110802	TG8S012	..113720	TS14E110	..113254
SG15S017	..113755	TA000A35201	..111309	TG8S013	..113720	TS18E1	..113842
SG15S018	..112461	TA000A39101	..111309	TG8S014	..113720	TS18E13	..113933
SG15S021	..112460	TA000A44301	..113517	TG8S016	..113720	TS18E3	..113841
SG15S022	..112460	TA000A47001	..110666	TG8S017	..111718	TS18E33	..114029
SG15S024	..113640	TA000A48201	..113792	TG8S021	..113721	TS18E331	..114029
SG15S030	..112468	TA000A48401	..113600	TG8S022	..113720	TS18ER121	..114299

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TS18ER123	113841	VA120	110350	VA165	112128	VA224	110138
TS22E5	114074	VA121	110179	VA166	110612	VA224	110139
TS22E5B	114074	VA121	110969	VA166	111035	VA224	113048
TS22E8	114074	VA121	111086	VA166	112719	VA225	110168
TS22E9	114074	VA122	113474	VA166	113473	VA225	110383
TS8E1	111641	VA123	110360	VA167	111178	VA225	113793
TS8E2	110584	VA123	110913	VA167	112775	VA226	110129
TS8E3	114199	VA123	111083	VA172	110971	VA226	110168
TS8E4	113267	VA123	111287	VA173	111082	VA226	110267
TS8E5	114199	VA124	111075	VA173	112728	VA226	110307
TS8E6	114095	VA125	110916	VA174	110891	VA226	110458
VA100	110178	VA126	110754	VA174	110968	VA227	110134
VA100	110968	VA126	110920	VA175	110178	VA227	110136
VA100	111185	VA127	110919	VA175	110179	VA227	110168
VA101	110179	VA127	111074	VA175	110759	VA227	110383
VA101	110969	VA128	110357	VA175	110969	VA229	110134
VA102	110178	VA128	110975	VA175	111086	VA229	110383
VA102	110612	VA128	111652	VA175	111184	VA230	110168
VA102	110770	VA128	111653	VA175	111289	VA231	111176
VA102	110968	VA130	111071	VA180	110743	VA232	111741
VA102	111185	VA130	111659	VA181	111085	VA233	111741
VA102	111289	VA131	110744	VA181	112753	VA234	111360
VA102	111362	VA131	111072	VA182	111362	VA234	113920
VA103	110969	VA131	111163	VA186	110975	VA235	111361
VA103	111086	VA132	110358	VA187	110357	VA236	110348
VA103	111289	VA132	110730	VA187	110767	VA237	110385
VA103	111364	VA132	110735	VA187	111652	VA238	111578
VA103	111366	VA132	110890	VA187	111653	VA239	111157
VA104	110759	VA132	110968	VA189	111841	VA241	111290
VA104	110770	VA132	111100	VA191	111289	VA242	110250
VA104	110968	VA133	112725	VA194	111157	VA243	110496
VA104	111086	VA133	112730	VA195	110896	VA243	110628
VA104	111289	VA133	112759	VA195	111095	VA243	110678
VA104	111362	VA135	111738	VA195	111171	VA243	110681
VA104	111364	VA135	112238	VA195	111287	VA244	110138
VA104	113574	VA137	111074	VA196	110925	VA244	110248
VA105	110968	VA138	110877	VA196	111166	VA245	111364
VA105	111185	VA138	110887	VA196	111178	VA245	112725
VA105	113378	VA138	112310	VA196	111180	VA246	110968
VA106	110770	VA140	111355	VA196	111767	VA248	110607
VA106	111362	VA140	112238	VA196	111891	VA248	111362
VA106	111364	VA141	110365	VA199	111289	VA248	111743
VA106	111366	VA141	110913	VA200	110077	VA248	111754
VA107	110179	VA141	111083	VA200	110925	VA249	110630
VA107	110969	VA143	110889	VA200	111841	VA250	110927
VA107	111086	VA144	111036	VA202	111094	VA251	112297
VA107	111184	VA144	111621	VA202	111539	VA252	110664
VA107	111364	VA145	111144	VA202	112149	VA253	110693
VA108	110921	VA147	111948	VA202	112735	VA256	110607
VA109	110907	VA150	110993	VA203	111035	VA256	111539
VA109	111076	VA151	110360	VA203	111078	VA256	111754
VA109	111173	VA151	110913	VA207	110349	VA256	112149
VA109	112162	VA151	111083	VA207	110890	VA258	112790
VA110	110770	VA153	110367	VA208	110744	VA259	110607
VA111	110178	VA153	112298	VA209	111082	VA259	111754
VA111	110179	VA153	112744	VA209	112728	VA261	111147
VA111	110759	VA154	112744	VA211	110920	VA261	112740
VA111	110968	VA155	110357	VA211	112728	VA262	110876
VA111	111184	VA155	110913	VA212	111289	VA263	111093
VA111	111185	VA155	110919	VA214	111166	VA263	111149
VA111	111289	VA155	110975	VA214	111169	VA264	110923
VA112	110178	VA155	111652	VA214	111800	VA264	111093
VA112	111185	VA155	112098	VA214	112056	VA265	110754
VA112	111289	VA159	110972	VA215	112056	VA266	111325
VA113	110916	VA159	111168	VA216	111166	VA266	112756
VA113	111075	VA159	111800	VA217	111173	VA267	111144
VA114	111166	VA159	112056	VA217	112162	VA269	110902
VA114	111656	VA160	111043	VA218	110137	VA269	111152
VA114	113376	VA162	110890	VA218	110138	VA269	111154
VA115	110914	VA162	110897	VA218	110139	VA270	111160
VA115	110972	VA162	111155	VA218	110274	VA271	111321
VA115	111168	VA162	111156	VA219	110129	VA274	110357
VA116	110972	VA163	111166	VA220	110128	VA274	110880
VA116	111168	VA163	111187	VA220	110264	VA274	110975
VA116	111800	VA163	111467	VA221	110168	VA274	111653
VA117	110360	VA163	111656	VA221	110264	VA275	110887
VA117	110913	VA163	113376	VA222	110140	VA275	111153
VA119	110891	VA164	110743	VA222	110318	VA276	110990
VA119	111289	VA165	110969	VA223	110140	VA277	110248

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
VA277	112750	VA349	113789	VS123	111750	VS217	110145
VA280	112683	VA350	112795	VS124	110831	VS218	110279
VA281	112687	VA352	111511	VS124	112536	VS219	110149
VA282	112800	VA353	112679	VS126	111058	VS219	110808
VA283	112754	VA355	112682	VS128	110461	VS222	110310
VA284	111076	VA356	111520	VS129	110793	VS223	113380
VA284	112162	VA358	112790	VS129	111066	VS224	110421
VA285	112299	VA360	112791	VS131	110341	VS224	111475
VA286	112292	VA362	112705	VS132	111100	VS225	110402
VA286	112770	VA363	111799	VS134	111064	VS225	111385
VA287	112230	VA364	111353	VS136	110774	VS226	110152
VA288	112762	VA365	111477	VS137	110336	VS226	110157
VA289	112772	VA366	111352	VS137	110870	VS226	110158
VA290	110618	VA367	111479	VS138	111053	VS226	110315
VA291	110619	VA368	112727	VS138	111131	VS226	110479
VA292	112762	VA374	110682	VS139	110338	VS227	112455
VA292	112793	VA376	111170	VS140	111070	VS228	110249
VA293	112781	VA377	112229	VS141	110771	VS228	110312
VA293	113438	VA378	111187	VS141	110868	VS230	110149
VA295	112298	VA378	111467	VS141	111107	VS230	110157
VA296	112782	VA380	110913	VS142	110367	VS230	110808
VA297	110769	VA381	110107	VS142	110866	VS230	111310
VA297	111144	VA381	111074	VS143	110367	VS231	111059
VA298	110374	VA382	111154	VS144	111068	VS232	110365
VA298	111148	VA382	111288	VS145	110365	VS233	110397
VA298	111166	VA382	111652	VS146	110774	VS234	110465
VA298	113376	VA382	112735	VS146	110835	VS235	111030
VA300	111620	VA382	112763	VS148	110368	VS236	110584
VA300	111654	VA383	111288	VS148	111112	VS237	111006
VA300	111686	VA383	111801	VS149	110824	VS239	110847
VA301	110611	VA383	112763	VS149	111010	VS239	111122
VA301	110882	VA384	111095	VS152	110364	VS240	110323
VA301	110890	VA384	112162	VS153	112651	VS240	110709
VA301	110912	VA386	112695	VS154	110997	VS240	111749
VA301	110991	VA387	111513	VS156	111025	VS241	112124
VA301	111138	VA388	111512	VS164	110524	VS243	111865
VA301	111620	VA390	111317	VS168	111114	VS244	111608
VA301	112719	VA391	111354	VS168	112541	VS246	110351
VA301	112768	VA391	111369	VS169	110352	VS247	110312
VA304	111654	VA392	111354	VS169	110826	VS247	111442
VA304	112771	VA392	112529	VS172	111109	VS249	110862
VA305	111411	VA393	112056	VS172	111125	VS249	111347
VA306	110882	VA98	110178	VS173	110844	VS249	111911
VA307	112681	VA99	110179	VS173	113269	VS249	114118
VA308	111498	VA99	110969	VS174	110839	VS251	110522
VA309	111356	VS101	111053	VS174	110996	VS251	113134
VA309	111364	VS102	111102	VS177	110868	VS254	111059
VA310	111176	VS103	110585	VS177	111981	VS255	111060
VA310	111293	VS104	110354	VS178	110444	VS259	111214
VA311	112759	VS104	110440	VS179	111865	VS261	111750
VA313	111368	VS104	110441	VS181	111058	VS262	110867
VA314	111577	VS104	112439	VS182	110365	VS262	112290
VA315	110680	VS106	110337	VS183	110624	VS263	111131
VA319	110676	VS106	111053	VS186	112295	VS264	111131
VA323	111176	VS106	111123	VS187	111055	VS265	111030
VA324	110891	VS106	111131	VS189	110858	VS267	111052
VA325	110631	VS107	110771	VS193	110363	VS270	112295
VA326	110358	VS107	110831	VS195	110839	VS271	110869
VA327	110660	VS107	110870	VS197	110394	VS271	110997
VA328	112531	VS108	110831	VS197	110837	VS272	110584
VA331	111264	VS109	111103	VS201	113574	VS276	111104
VA332	110631	VS111	111102	VS204	110160	VS276	111131
VA334	111532	VS112	111064	VS204	111054	VS277	112321
VA335	111318	VS113	110831	VS204	111489	VS278	110865
VA336	113604	VS114	110847	VS205	111055	VS279	111029
VA338	112688	VS114	111056	VS205	111123	VS280	111029
VA338	113485	VS115	111055	VS205	111127	VS281	111115
VA339	112703	VS116	111114	VS206	110860	VS283	111070
VA340	110905	VS116	112541	VS206	111063	VS284	111029
VA341	112701	VS117	110587	VS207	110336	VS284	111129
VA342	112751	VS117	111070	VS207	111030	VS285	111070
VA343	110628	VS118	110860	VS207	111131	VS285	114460
VA343	111322	VS118	111063	VS207	111269	VS286	110352
VA343	112744	VS118	111124	VS208	110851	VS286	111106
VA344	112769	VS119	110867	VS209	110142	VS287	111422
VA344	113789	VS120	110867	VS210	110144	VS288	110825
VA345	113500	VS121	110840	VS211	110152	VS288	112289
VA346	111171	VS123	110337	VS212	110308	VS289	111423
VA349	112769	VS123	111131	VS215	110278	VS291	111619





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VOLKSWAGEN</b> <i>Continued</i>							
028903028J	111884	02T911023E	112435	035911023X	110824	036911023PX	113483
028903028L	112710	02T911023G	113515	036903017A	110360	036911023Q	113750
028903028P	112042	02T911023H	112438	036903017AX	110360	036911023QX	113750
028903029A	112396	02T911023M	114176	036903017B	110913	036911023R	113483
028903029B	112397	02T911023R	114034	036903017E	111074	036911023S	112307
028903029D	112396	02T911023S	114034	036903017EX	111074	036911023SX	112307
028903029E	112397	02T911023T	114176	036903017F	111152	036911025B	112307
028903029G	112002	02T911024A	114034	036903017FX	111152	037903018A	112797
028903029M	113406	02T911024B	114034	036903017G	111287	037903018AX	112797
028903029Q	113252	02Z911023C	114034	036903017GX	111287	037903018X	112796
028903029R	113252	02Z911023E	114163	036903017H	112763	037903023A	112797
028903029S	112396	02Z911023F	113842	036903017HX	112763	037903023E	111477
028903029T	112396	02Z911023FX	113842	036903017J	110896	037903023F	111733
028903030A	112002	02Z911023G	114163	036903017JX	110896	037903023G	111477
028903031A	112397	02Z911023H	113842	036903017K	111288	037903023GX	111477
028903031X	112397	02Z911023HX	113842	036903017KX	111288	037903023P	112149
028911023M	113387	02Z911023M	114299	036903017L	111095	037903023Q	111353
028911028L	112710	02Z911023N	114299	036903017LX	111095	037903023QX	111353
02A911023	111751	02Z911023P	114299	036903017X	110913	037903025B	111878
02A911023A	111751	02Z911024J	113842	036903018B	113874	037903025C	111820
02A911023AX	111751	030903023A	111352	036903023A	111083	037903025D	111857
02A911023C	112166	030903023B	111352	036903023AX	111083	037903025E	112075
02A911023D	112131	030903023BX	111352	036903023B	110360	037903025F	113887
02A911023DX	112131	030903023C	111479	036903023C	110360	037903025G	113870
02A911023E	112131	030903023D	111352	036903023D	110913	037903025H	112408
02A911023EX	112131	030903023DX	111352	036903023E	110913	037903025L	112273
02A911023F	111749	030903023E	111352	036903023F	110360	037903025M	112274
02A911023FX	111749	030903023EX	111352	036903023G	110913	037903025N	113870
02A911023G	112133	030903023F	111479	036903023H	110913	037903025S	112273
02A911023GX	112133	030903023FX	111479	036903023K	110913	037903025T	112274
02A911023H	112166	030903023H	112075	036903023L	110360	037903026C	113887
02A911023HX	112166	030903023J	111989	036903023M	110913	038903018A	112274
02A911023J	111900	030903023JX	111989	036903023N	110360	038903018B	112402
02A911023JX	111900	030903023M	113887	036903023NX	110360	038903018C	112408
02A911023L	112005	030903023X	111095	036903023P	110913	038903018EX	112399
02A911023LV	112005	030903029A	113887	036903023PV	111083	038903018F	113751
02A911023LX	112005	031903023D	111154	036903023PX	110913	038903018P	112079
02A911023Q	112166	034903015F	112777	036903023R	111074	038903018PX	112079
02A911023R	111900	034903015J	111539	036903023S	110896	038903018R	112274
02A911023T	111749	034903015T	112750	036903023SX	110896	038903018RX	112274
02A911023TX	111749	034903016A	112750	036903023T	111074	038903023G	113341
02A911023X	111751	034903016D	112750	036903023TX	111074	038903023H	112543
02A911024	111900	034903016G	112750	036903023X	110360	038903023K	113340
02A911024B	111900	034903016H	112777	036903024A	113875	038903023L	112079
02A911024D	111900	034903016N	113867	036903024D	113874	038903023Q	113340
02A911024G	111900	034903017B	112777	036903024H	113874	038903023R	112079
02A911024X	111900	034903017BX	112777	036903024J	113874	038903023S	112002
02A911203	112131	034911023A	111010	036903024N	113874	038903023T	113888
02B911023A	112052	034911023X	111010	036903025A	111288	038903024A	112079
02B911023AX	112052	035903015A	111139	036903025B	112763	038903024D	112079
02B911023B	112306	035903015D	110990	036903025D	111083	038903024E	112079
02B911023BX	112306	035903015E	111139	036903025E	110913	038903024F	112002
02B911023C	112167	035903015G	110990	036903025F	111083	038903024G	112002
02B911023CX	112167	035903015K	110357	036903025G	110913	038903025A	112401
02B911023D	113387	035903015L	111652	036903025K	110896	038903025M	113888
02B911023DX	113387	035903015N	111139	036903025L	111288	039903025B	112763
02B911023E	112444	035903015P	110990	036903025M	111152	039903027C	111288
02B911023F	113677	035903015Q	110990	036903025N	111095	03C903023G	113861
02B911023J	113387	035903015X	110911	036903025P	110896	03C903023GX	113861
02B911023L	113387	035903016C	110990	036903025Q	111288	03D903025D	113253
02B911023M	112444	035903017A	112729	036903025QX	111288	03D903025E	113253
02B911023N	113387	035903017AX	112729	036903025S	112763	03D903025H	113253
02E911023H	113509	035903017X	110990	036903027B	112763	03D903025J	113253
02E911023L	113509	035911023A	110824	036903027D	112763	03G903023	114109
02M911023	114174	035911023B	110824	036903027E	111288	03G903023X	114109
02M911023A	112429	035911023C	110824	036903027G	111288	03G911023A	114177
02M911023C	112429	035911023D	111010	036903028A	113887	03G911023AX	114177
02M911023D	112429	035911023E	110824	036911023C	111058	040903015G	110911
02M911023F	112429	035911023EX	110824	036911023E	111058	040903025.3	111096
02M911023G	113773	035911023F	110824	036911023G	111058	043903023A	111096
02M911023M	113773	035911023J	110824	036911023GX	111058	043903023B	111096
02M911023N	113841	035911023JX	110824	036911023H	111058	043903023C	111096
02M911023P	113841	035911023L	111010	036911023HX	111058	043903023CX	111096
02M911023Q	113678	035911023LX	111010	036911023K	111058	043903023D	111096
02M911023R	112429	035911023M	111010	036911023KX	111058	043903023DX	111096
02M911024	113841	035911023N	111010	036911023M	111058	043903023G	111096
02M911024A	113841	035911023O	111010	036911023MX	111058	043903025A	111096
02M911024P	113841	035911023Q	111010	036911023N	111058	045903023B	113873
02T911023C	112438	035911023QX	111010	036911023P	113483	045903023E	113840

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
045903025B	113873	055911023A	110864	068903017X	110767	068911024G	111694
045903026C	113887	055911023AX	110864	068903018B	112729	068911024K	111060
046903015A	110911	055911023E	111059	068903018BX	112729	068911024L	114171
046903015D	112777	055911023F	111059	068903018P	112729	068911024T	111694
046903015F	113758	055911023FX	111059	068903023B	110360	069903017A	112729
046903017A	110911	055911023H	111059	068903023C	110913	069903017AX	112729
046903017AX	110911	055911023J	111059	068903023F	110913	069903023C	110990
046903017X	113758	055911023K	111059	068903023G	111652	069903023D	112729
046903023H	111652	055911023L	111059	068903023J	111653	069903023F	111094
046911023B	112537	055911023M	111059	068903023L	110360	069903023G	112729
046911023BX	112537	055911023R	111059	068903023N	110913	069903023H	112729
046911023X	110824	056903015A	110726	068903023R	111074	069911023A	111112
047903015G	112273	056903015B	110357	068903023T	112729	069911023AX	111112
047903015H	112274	056903015H	111652	068903025A	110913	069911023B	111120
047903015J	110622	058903015A	110357	068903025C	110767	069911023BX	111120
047903015M	112387	058903016A	111478	068903025F	111652	069911023C	112537
047903015P	113783	058903016B	111478	068903025FX	110357	069911023CX	112537
047903015Q	112419	058903016BX	111478	068903025H	110990	069911023D	112537
047911023C	112388	058903016C	113867	068903025J	111083	069911023DX	112537
047911023G	112388	058903016D	111772	068903025P	111652	069911023E	112221
049903015C	110911	058903016E	111478	068903025Q	110360	069911023F	111855
049903015D	110357	058903016X	113783	068903025T	111652	069911023H	112014
049903015E	110357	058903018A	111478	068903027B	111074	069911023J	112430
049903015F	113758	058903018B	111478	068903027H	110919	069911023K	112014
049903015FX	113758	058903018C	113867	068903027P	110767	069911023L	112221
049903015G	110911	058911023A	110997	068903027PX	110767	069911023M	112430
049903015GX	110911	058911023AX	110997	068903027QX	110357	069911023V	111112
049903015H	112747	058911023B	112321	068903029A	112729	06A903023	111989
049903015J	111652	058911023BX	112321	068903029C	112234	06A903026	111989
049903015L	111652	059903015C	110726	068903029D	112729	06A903026A	111989
049903015T	110911	059903015D	110357	068903029E	112234	06B903016	112398
049903017A	110919	059903015F	113751	068903029F	112729	06B903016A	112399
049903017C	110919	059903015G	113751	068903029G	112729	06B903016AD	113882
049903017CX	110919	059903015GX	113751	068903029K	112765	06B903016AE	113878
049903023B	110911	059903017D	110357	068903029M	112729	06B903016C	112398
049903023E	111653	059903017DX	111652	068903029N	112729	06B903016D	112399
049903023F	111653	059903017E	110726	068903029P	112729	06B903016E	113882
049903023FX	111653	059903017G	110726	068903029Q	112234	06B903016F	113283
049903023G	111652	059903017GX	110726	068903029R	112735	06B903016G	113283
049903023H	111652	059911023C	110997	068903029S	111094	06B903016P	113878
049903023HX	111652	059911023CX	110997	068903029T	110902	06B903016S	113878
049903023J	111653	059911023E	110824	068903031A	111152	06B911023	112321
049903023K	111652	059911023EX	110824	068903031B	111288	06B911023A	114179
049903023L	110357	059911023F	110997	068903031C	111287	06B911023X	112321
049903023M	110990	059911023FX	110997	068903031D	111287	06C903016	113751
049903023R	110919	059911023H	111995	068903031E	111152	06C903016A	113751
049903023T	110919	059911023Q	114094	068903031EX	111152	06C903016B	113510
049903023TX	110919	060903017A	111653	068903031F	111152	06F903023A	113992
049903027F	110919	060903017AX	111653	068903031G	110902	06F903023C	113992
049911023G	110865	060903017AY	110726	068903031GX	110902	06F903023F	113992
049911023GX	110865	060903017X	111652	068903031H	111154	06F903023H	113992
049911023H	110865	060903023A	110357	068903031J	112735	06F903023J	113992
050903015B	112712	061903023A	110357	068903031JX	112735	070903023C	111670
050903015BX	112712	063903017X	111139	068903031K	111094	070903023CX	111670
050903015J	112798	068903017A	110360	068903031KX	111094	070903023D	111670
050903023J	112798	068903017AX	111083	068903031L	111287	071903016C	112399
051903015D	112777	068903017B	110913	068903031Q	112799	071903016G	111478
052903015A	111083	068903017BX	110913	068903031RX	112765	073911023A	111107
052903017A	111083	068903017CX	110357	068903031SX	111287	073911023AX	111107
052903017AX	111083	068903017E	110990	068903033B	111094	073911023X	111107
052903017X	110360	068903017EX	110990	068903033E	112234	074903018A	113884
053903015D	112798	068903017F	110913	068911023AX	110368	074903023H	112750
053903015E	112798	068903017H	111074	068911023DX	111060	074903023X	111154
053911023A	112321	068903017K	111288	068911023E	110996	074903025A	112765
053911023AX	112321	068903017L	111154	068911023EX	111060	074903025B	112799
053911023B	112321	068903017M	111287	068911023G	111060	074903025BX	112799
053911023BX	112321	068903017MX	111287	068911023GX	111060	074903025J	113754
054903015C	112806	068903017N	111094	068911023JX	111060	074903025K	112043
054903015K	112806	068903017NX	111094	068911023M	111069	074903025M	113888
054903015KX	112806	068903017P	112729	068911023MX	111060	074903025N	112402
054903015L	112777	068903017PX	112729	068911023S	111694	074903025Q	113754
055903023A	111083	068903017Q	112765	068911023SX	111694	074903025R	113754
055903023B	110726	068903017QX	112765	068911023T	112286	074903025S	113884
055903023BX	110726	068903017R	110902	068911023TX	112286	075903023A	112729
055903023C	110357	068903017RX	110902	068911024B	111694	076903023D	111653
055903023CX	110357	068903017S	112735	068911024BX	111694	076903023I	111539
055903023D	111652	068903017SX	112149	068911024C	111694	076903023J	112149
055903023G	110357	068903017T	111154	068911024E	111694	076903023M	111653
055903023S	111653	068903017TX	111154	068911024F	111694	076903023N	112735

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VOLKSWAGEN</b> <i>Continued</i>							
076911023A	114317	240847	111217	1676800	111983	5003508	112753
077903015C	112777	241599	113482	1676816	111983	5003564	111489
077911023E	111817	243007	112132	2557832	110175	5003617	110160
078903015A	112806	308043	110207	3032961	112343	5003636	112788
078903015AX	112806	391988	114529	3173821	111631	5003665	112746
078903015F	112806	420718	111638	3283184	110921	5003708	111120
078903015FX	112806	420731	110980	3412455	110585	5003802	110881
078903016AB	113510	420780	110207	3417316	113839	5003803	111085
078903016AC	113510	465471	111793	3430012	110585	5003804	112746
078903016CA	113510	465604	111638	3523301	111489	5003806	112753
078903016F	113751	465929	110208	3523422	112557	5003920	113865
078903016H	113751	465930	110207	3523478	111085	5003975	112557
078903016HX	113751	465931	110205	3523878	112813	5003996	112557
078903016R	113510	466772	111638	3544119	113865	5240360	110160
078903016S	113510	468202	110205	3544497	112815	6205473	112098
078911023A	112309	469414	110208	3544624	111085	6209191	110766
078911023D	111769	477049	110980	3545364	112557	6226486	110527
078911023X	112309	833031	113705	3581774	111047	6601769	110537
07K903025A	113992	834339	111054	3803074	111054	6643669	111217
085911023A	111904	834893	112130	3803646	113303	6643899	110537
085911023AX	111904	834976	111054	3860171	111710	6686461	110205
085911023B	113750	838060	111209	3963143	111631	6779261	112345
085911023BX	113750	841762	111397	3964839	112116	6779713	112742
085911023E	113750	841765	111397	3976608	113186	6886493	110112
085911023H	113288	842765	111397	3978710	114033	7240524	111217
085911023J	113750	845940	111528	3986428	111631	8034993	110060
085911023JX	113750	847307	111218	3986429	111746	8111001	112078
085911023K	111904	858839	111397	4772059	113850	8111007	112013
085911023L	111904	859252	111047	4778060	111046	8111048	111894
085911023M	111904	870977	111054	4785538	113482	8111107	112557
091911023A	111061	872258	112165	4785539	113482	8111119	113754
091911023AX	111061	872364	111983	4785541	112132	8111122	113754
091911023B	111061	873348	112165	4880691	112132	8111302	112818
091911023BX	111061	873633	113382	4880692	113482	8111505	111322
091911023X	110858	874502	113971	4880693	113482	8111509	111619
09A911023	114308	881683	111218	4881097	112507	8111510	112295
0AH911023	114175	881684	111219	4881598	111638	8111537	113500
0AH911023A	114175	982200	111277	5001599	110160	8111568	113753
0AH911023B	114173	983248	111277	5001613	110160	8111569	111803
0AH911023BX	114173	1089861	112345	5001614	110160	8111570	111511
111911023BT	110363	1089862	112803	5001668	110367	8111571	112679
111911023C	110363	1096757	111631	5001669	110367	8111572	113481
111911023D	110363	1096758	111746	5001677	110112	8111577	112682
113903031G	111225	1219754	111085	5001679	110112	8111634	112557
113903031GX	111225	1234977	111085	5001680	110207	8111635	113605
113903031K	111225	1257938	111112	5001683	110208	8111698	112695
113903031M	111225	1257939	111120	5001686	110205	8111699	111512
113903031N	111225	1308719	110881	5001701	111064	8111700	111513
113903031P	111225	1308720	111085	5001759	111047	8111701	111251
113903031PX	111225	1323488	110881	5001782	112742	8111811	112679
113903031Q	111225	1323912	110881	5001784	111638	8111838	112165
175903023K	111652	1324957	110881	5001835	112742	8111839	112165
175903023L	111652	1328392	111120	5001867	111112	8111840	111641
1HS911023B	111748	1346707	111054	5002048	110881	8111887	112557
1LO903029	112234	1348508	112753	5002050	111120	8111905	111775
211903031A	111225	1357199	111489	5002051	111085	8111906	111719
311911023B	110363	1359119	111047	5002054	111064	8111910	111934
311911023C	110363	1362708	112788	5002271	110881	8111912	111934
311911023D	110363	1363451	112818	5002476	112541	8111920	111718
311911023DX	110363	1363496	112746	5002633	112756	8111921	112059
441.04003-226.6	112387	1363511	112746	5002634	112751	8111943	111722
441.04009-219.6	112387	1367049	111047	5002635	113789	8112272	111808
4Z7903015	113510	1398327	112746	5002691	113487	8112614	111631
6K0903028	111884	1502272	111528	5002698	111063	8112933	111976
6U0911023A	112236	1505107	110112	5002699	111124	8113097	113186
6U0911023B	111214	1505307	110112	5002701	111333	8113165	112116
7M5903028	112002	1509425	112742	5002781	111319	8113258	111631
BCA903015	112735	1542195	111047	5002790	111179	8113908	110112
J2702054352	111483	1543695	111983	5002898	111085	8113910	112742
J2702054700	111483	1545417	111047	5003001	110881	8113911	112345
J2706035061	113077	1547049	112116	5003009	111638	8113912	112803
JUF903031A	110902	1556955	111983	5003027	110208	8113918	112116
TJG911023B	113346	1578139	112742	5003028	110207	8144401	111631
		1578140	110112	5003029	110205	8156816	111631
		1578938	112742	5003261	112742	8156817	111746
		1607361	110902	5003312	110980	8192965	110980
		1607362	111528	5003349	112345	8192965	114033
		1621048	112803	5003398	112803	8251071	112072
		1638187	111983	5003448	112345	8251551	112818
<b>VOLVO</b>							
240340	110205						
240504	110208						
240519	110537						
240524	111217						



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8251635	111719	9031705	112463	30854113	112080	2-2241	112244
8251639	112557	9031707	113839	31288155	113849	2-2242	112150
8251641	112471	9033313	110766	31288275	111906	2-2243	113476
8251643	112474	9130002	112557	36000221	113911	2-2244	112832
8251648	112458	9130003	112557	36000237	113303	2-2245	112568
8251655	112072	9130208	113865	36000598	113922	2-2246	112831
8251725	112471	9130217	112557	36002497	113906	2-2247	112564
8252889	112475	9130273	112557	36002642	113303	2-2249	113590
8253502	112199	9130274	112557	36002761	111906	2-2250	112825
8253504	112218	9130275	113865	85000087	113830	2-2251	112826
8253505	113761	9130485	112557	85000148	114193	2-2252	112830
8253507	112144	9148665	112557	85000186	112116	2-2253	112829
8253534	113577	9162400	112013	85000221	112345	2-2256	113524
8253611	112458	9162422	113865	85000257	114212	2-2266	112566
8253612	112473	9162424	112557	85000295	114310	2-2324	113545
8253632	112144	9162468	112557	85000438	110208	2-2339	112565
8253634	111251	9162617	112818	85000439	110207	2-2407	113539
8253785	112471	9162618	112818	85000440	110980	2-2502	113528
8253786	112474	9162683	112557	85000441	111983	1-1001-01ND	113073
8253797	113403	9162684	112557	85000447	114033	1-1002-01ND	113074
8253813	112458	9162927	111894	85000450	110208	1-1003-01ND	110680
8253860	113245	9164940	112557	85000507	111631	1-1007-01ND	110677
8253873	112218	9164941	112557	85000526	114310	1-1008-01ND	111429
8253975	113249	9442130	113754	85000626	114212	1-1008-01ND-2	111429
8253980	113248	9442188	112557	85000628	114212	1-1011-02ND	113075
8348930	111277	9442841	112078	85000629	114212	1-1015-01	110927
8408080	110160	9442905	111894	85000644	114212	1-1017-01MI	111578
8410664	110225	9447863	112557	85000677	113830	1-1017-01ND	111578
8553265	111277	9447865	113865	85000709	110112	1-1018-01ND	110138
8601699	112072	9447866	111894	85000710	112784	1-1019-01ND	110675
8601841	112072	9459038	112078	85000711	112742	1-1022-01ND	111432
8602002	112327	9459077	112072	85000712	112803	1-1023-01ND	111609
8602083	112295	9459092	112072	85000713	111746	1-1025-01ND	111705
8602084	112818	9459093	113754	85000714	111746	1-1026-01ND	111705
8602085	112818	9472908	112072	85000715	111746	1-1026-01ND-2	111705
8602096	112557	9496882	113303	85000716	112803	1-1027-01ND	110684
8602101	112696	9519360	112343	85000746	113830	1-1028-01ND	111480
8602102	113605	9520621	112343	85003104	112343	1-1031-01ND	110139
8602103	112080	9520862	111976	85003304	114033	1-1032-01ND	113048
8602104	113299	9521761	111746	85003355	114212	1-1032-01ND-1	113048
8602138	112557	11030906	110208			1-1033-01ND	110138
8602159	111932	11031126	110207	<b>VTZ - VLADIMIRSKY TRACTORS</b>		1-1036-01ND	113077
8602274	112474	11127679	113827	273708	113431	1-1036-01ND-2	113077
8602276	112072	11170011	111631			1-1037-01ND	110678
8602277	112078	11170134	114212	<b>WAI</b>		1-1039-01DR	110682
8602279	112471	11170321	114212	22407	113539	1-1039-01ND	110682
8602343	113272	20397219	114193	2-2062	111382	1-1039-01ND-2	110682
8602355	113303	20409228	114212	2-2147	111915	1-1039-02ND	110682
8602356	113248	20409240	114212	2-2148	112010	1-1042-01ND	111435
8602556	112458	20430564	113830	2-2149	112010	1-1043-01ND	111435
8602629	113272	20450305	114310	2-2150	111917	1-1044-01ND	110139
8602710	113272	20451445	112116	2-2151	111918	1-1049-01ND	113806
8602806	112471	20466315	114212	2-2153	112010	1-1050-02ND	110496
8602818	113303	20466317	114212	2-2154	112011	1-1051-01ND	110496
8602924	114315	20536466	112116	2-2155	112145	1-1053-01ND	110682
8603182	113922	20553711	110207	2-2156	112146	1-1053-01ND-2	110682
8603292	113906	20572417	113830	2-2158	110654	1-1054-01ND	110496
8603377	111906	20731028	114359	2-2159	112154	1-1055-01ND	110681
8603409	113911	20732404	114310	2-2160	112156	1-1056-01ND	110248
8603539	113303	20739778	114212	2-2161	110647	1-1062-01ND	110675
8603689	113906	20849350	114212	2-2162	112157	1-1062-02ND	110675
8603690	113908	20849352	114212	2-2163	112247	1-1063-01ND	111705
8622742	114315	20891242	113830	2-2164	112827	1-1064-01ND	110138
8622786	113272	21429789	114212	2-2165	113149	1-1075-01ND	111580
8637848	113272	24437136	113276	2-2166	110644	1-1076-01ND	111435
8666579	113922	30620870	113248	2-2176	113541	1-1077-01ND	113077
8676489	113272	30658567	113303	2-2177	113540	1-1078-01ND	110274
8676496	113272	30667058	113911	2-2183	113527	1-1084-01ND	113084
8676498	113272	30667067	113922	2-2187	111928	1-1085-01ND	110628
9031062	110921	30667068	113849	2-2188	110634	1-1090-01ND	110675
9031081	112744	30667102	111906	2-2189	110635	1-1092-01ND	113085
9031138	111503	30667494	113911	2-2190	111804	1-1094-01HI	110129
9031146	111321	30667874	113911	2-2191	112563	1-1094-01HI	110131
9031147	113839	30724473	113303	2-2192	112242	1-1096-01HI	110307
9031302	110585	30782052	113303	2-2193	112313	1-1098-01	111433
9031303	112295	30782228	113303	2-2194	112312	1-1098-01HI	111433
9031311	112463	30795422	113922	2-2196	113526	1-1098-01MI	111433
9031312	113839	30795423	113849	2-2208	113538	1-1102-01HI	112969
9031316	111326	30808465	113605			1-1103-01HI	110129

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
1-1103-01MI	110129	1-1202-01MI	110956	1-1343-01MM	111035	1-1436-01ND	110683
1-1104-01HI	110458	1-1207-02MD	110957	1-1347-01BO	111620	1-1447-01ND	112746
1-1105-01	112970	1-1207-02MI	110957	1-1348-01BO	111667	1-1449-01BO	111086
1-1105-01HI	112970	1-1208-01MI	110805	1-1349-01BO	110887	1-1450-01BO	111086
1-1105-01MI	112970	1-1209-01MI	110318	1-1350-01BO	111667	1-1451-01BO	110759
1-1105-02	112208	1-1213-01MI	111469	1-1351-01BO	112777	1-1452-01BO	111289
1-1105-02HI	112208	1-1215-01MI	110956	1-1351-02BO	112777	1-1453-01BO	111289
1-1105-02MI	112208	1-1221-01	110803	1-1352-01BO	110923	1-1458-01BO	110990
1-1107-01HI	112971	1-1221-01MD	110803	1-1352-01BO	111093	1-1460-01BO	111653
1-1108-01MI	111966	1-1221-01MI	110803	1-1353-00BO	110875	1-1465-01VA	111154
1-1109-01HI	110168	1-1222-01MI	113028	1-1353-01BO	110875	1-1467-01BO	112234
1-1111-01HI	110128	1-1223-01MI	110140	1-1353-31BO	110875	1-1468-01BO	111094
1-1111-01MI	110128	1-1223-01ND	110140	1-1353-32BO	110875	1-1469-01BO	111287
1-1112-01	110264	1-1227-01MD	110804	1-1355-01BO	110923	1-1473-01BO	110990
1-1112-01HI	110264	1-1227-01MI	110804	1-1356-01BO	112774	1-1474-01BO	110911
1-1112-01MI	110264	1-1228-01ND-1	110965	1-1360-01SV	110931	1-1476-00BO	112777
1-1113-01HI	110702	1-1229-01MI	111279	1-1361-01PR	110931	1-1476-01BO	112777
1-1114-01HI	112967	1-1229-02MI	111279	1-1362-01PR	111327	1-1489-01BO	111813
1-1114-01HI-1	112967	1-1230-01ND	110967	1-1363-01BO	112693	1-1490-00ND	111191
1-1116-01HI	110707	1-1232-01HI	112973	1-1366-01BO	111139	1-1490-00ND	113052
1-1117-01HI	112968	1-1233-01HI	112974	1-1367-01BO	110990	1-1490-00ND	113053
1-1117-01HI-1	112968	1-1236-01HI	110697	1-1368-01BO	112730	1-1490-01ND	113053
1-1118-01HI	112972	1-1237-01ND	110679	1-1369-01SV	111139	1-1490-02ND	113052
1-1119-01HI	111266	1-1240-01ND	110679	1-1372-01LU	110178	1-1490-03ND	111191
1-1120-01HI	111264	1-1242-01ND	110675	1-1374-01LU	110891	1-1491-00ND	111192
1-112-01	110264	1-1249-01HI	112973	1-1375-00LU	111185	1-1491-01ND	111192
1-1122-01HI	111265	1-1250-11DR	111202	1-1375-01LU	111185	1-1491-02ND	113051
1-1124-01HI	110307	1-1250-12DR	111202	1-1376-01LU	111185	1-1491-03ND	111192
1-1125-01	110693	1-1250-21DR	111388	1-1377-01LU	111184	1-1491-04ND	111192
1-1125-01HI	110693	1-1250-31DR	110499	1-1378-01LU	110179	1-1503-00ND	111193
1-1125-01MI	110693	1-1250-32DR	110499	1-1386-01BO	111096	1-1503-01ND	113054
1-1126-01	110630	1-1250-33DR	110499	1-1387-01BO	111094	1-1503-02ND	111193
1-1126-01HI	110630	1-1250-34DR	112621	1-1387-01BO	111539	1-1503-03ND	113055
1-1126-01MI	110630	1-1253-01HI	110267	1-1387-01BO-1	111094	1-1503-04ND	113056
1-1126-02HI	110630	1-1255-01MI	111535	1-1387-01BO-1	111539	1-1503-06ND	112833
1-1126-02MI	110630	1-1256-01MI	111535	1-1387-01VA	111094	1-1504-00ND	113058
1-1128-01	110632	1-1257-01HI	111611	1-1387-01VA	111539	1-1504-00ND	113059
1-1128-01HI	110632	1-1257-01HI-2	111611	1-1387-01VA	112149	1-1504-00ND	113060
1-1128-01MI	110632	1-1263-01BO	110877	1-1389-01BO	112797	1-1504-00ND	113061
1-1136-01MI	112297	1-1264-01BO	111147	1-1390-01MO	110357	1-1504-01ND	113058
1-1137-01MI	110689	1-1264-01VA	110908	1-1392-00BO	110975	1-1504-02ND	113058
1-1138-01MI	110134	1-1265-01BO	111147	1-1395-01BO	110767	1-1504-03ND	113059
1-1141-02MI	111408	1-1267-01BO	110877	1-1395-01BO	110880	1-1504-04ND	113060
1-1142-01MI	110664	1-1268-01BO	110876	1-1395-01BO	111653	1-1504-05ND	113061
1-1142-01MI-2	110664	1-1273-01BO	110877	1-1397-01BO	112234	1-1506-01ND	113050
1-1145-01MI	110664	1-1276-01BO	112812	1-1398-01BO	110919	1-1506-03ND	111191
1-1147-01MI	110133	1-1282-01MO	110975	1-1398-01VA	110919	1-1507-01ND	111193
1-1148-01MI	110133	1-1283-24BO	111149	1-1399-01BO	111154	1-1507-02ND	111193
1-1150-01MI	112100	1-1283-32BO	112760	1-1400-01BO	112750	1-1510-01ND	111193
1-1150-02MI	112100	1-1283-45BO	112785	1-1401-01BO	111160	1-1511-01ND	113063
1-1152-01MI	112270	1-1291-01BO	111085	1-1402-01BO	110360	1-1519-01ND	113087
1-1153-01MI	110692	1-1293-01BO	110881	1-1403-00BO	110913	1-1522-01BO	111170
1-1156-01MI	110318	1-1297-01BO	112746	1-1404-01MO	110913	1-1523-01BO	111170
1-1157-01MI	113030	1-1307-01	110754	1-1407-01BO	110360	1-1524-01HI	110128
1-1159-01MI	110136	1-1308-01PR	112755	1-1410-01ND	113495	1-1527-01ND	113064
1-1160-01MI	111342	1-1309-01DU	110754	1-1411-01ND	113496	1-1527-03ND	111193
1-1166-01ND	110681	1-1309-01PR	110754	1-1416-01ND	113557	1-1529-01BO	112740
1-1166-02ND	110496	1-1309-01SV	110754	1-1418-01ND	111538	1-1531-01ND	111191
1-1167-01BO	110759	1-1309-01VA	110754	1-1419-01ND	111538	1-1532-01ND	110138
1-1167-01BO	111289	1-1311-01PR	111144	1-1420-01ND	112102	1-1534-01VA	110769
1-1169-01BO	111157	1-1315-01LU	110179	1-1421-01ND	111536	1-1535-01BO	111156
1-1173-01MI	110692	1-1321-01LU	110968	1-1423-01HI	110631	1-1537-01MI	111279
1-1177-01MI	110663	1-1323-01LU	110968	1-1423-01HI-2	110631	1-1537-02MI	111279
1-1177-01MI-2	110663	1-1326-01MI	111173	1-1425-01HI	112975	1-1538-01BO	111991
1-1180-01MI	111395	1-1326-02MI	110907	1-1426-01HI	111692	1-1538-02BO	111733
1-1180-02MI	111395	1-1329-01BO	111289	1-1427-01	111264	1-1539-00BO	111820
1-1185-01MI	110405	1-1334-01DU	110897	1-1427-01HI	111264	1-1539-01BO	111820
1-1186-01MI	110660	1-1334-01PR	110897	1-1427-01MI	111264	1-1539-02BO	111477
1-1187-01MI	110666	1-1334-01SV	110897	1-1428-01MI	111342	1-1539-03VA	111477
1-1189-01MI	110802	1-1334-01VA	110897	1-1429-01HI	111266	1-1542-01BO	112804
1-1191-01MI	110957	1-1336-01PR	111156	1-1430-01MI	113441	1-1546-01ND	111705
1-1191-01MI	112531	1-1337-01BO	110890	1-1431-10FD	111199	1-1549-01LU	110178
1-1192-01MI	110803	1-1337-01MM	110611	1-1431-11FD	111199	1-1551-01LU	110178
1-1198-01MI	110660	1-1338-01BO	110890	1-1431-12FD	111199	1-1552-01LU	113378
1-1199-01	110659	1-1338-01BO	110912	1-1432-01MD	111406	1-1556-01ND	110137
1-1199-01MD	110659	1-1338-01MM	110912	1-1432-01MI	111406	1-1557-01BO	110899
1-1200-01MI	110318	1-1341-01MM	111035	1-1434-01MD	110802	1-1560-01BO	110726
1-1201-01MI	113032	1-1343-01BO	111148	1-1434-01MI	110802	1-1561-01BO	110357
1-1201-02MI	113032	1-1343-01IK	111035	1-1434-01MI-2	110802	1-1565-01HI	110129

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1-1565-01HI	110131	1-1619-31FD	112935	1-1681-12DR	112880	1-1734-12DR	110508
1-1566-01HI	110458	1-1620-31FD	112932	1-1683-11DR	112880	1-1734-19DR	110508
1-1567-01HI	110168	1-1621-21DR	112338	1-1688-11DR	112882	1-1734-21DR	110508
1-1572-01BO	111086	1-1622-21DR	110500	1-1689-11DR	112883	1-1734-23DR	110508
1-1575-01BO	111652	1-1623-31DR	110498	1-1690-21DR	112884	1-1734-24DR	110508
1-1578-01MI	110136	1-1624-31DR	110498	1-1691-11DR	112885	1-1734-25DR	110508
1-1581-00BO	111813	1-1625-11DR	112264	1-1691-21	112885	1-1734-40DR	110508
1-1581-01BO	111813	1-1625-12DR	111202	1-1691-21DR	112885	1-1734-41DR	110508
1-1581-02BO	111813	1-1625-21DR	110499	1-1691-31DR	112885	1-1734-44DR	110508
1-1584-00BO	111652	1-1625-22DR	111388	1-1694-41DR	112886	1-1734-46DR	110508
1-1584-01MO	111652	1-1625-31DR	112264	1-1702-41DR	113502	1-1734-47DR	110508
1-1585-00BO	110357	1-1625-32DR	110499	1-1704-30FD	112933	1-1734-48DR	110508
1-1585-00BO	110975	1-1625-33DR	110499	1-1704-31FD	112933	1-1734-49DR	110508
1-1585-00BO	111652	1-1625-34DR	112621	1-1704-32FD	112933	1-1737-11DR	110508
1-1585-01VA	110357	1-1627-32DR	110499	1-1705-00FD	112934	1-1737-12DR	110508
1-1585-01VA	111652	1-1628-11DR	112627	1-1705-01FD	112934	1-1737-13DR	110508
1-1586-00BO	110360	1-1628-21DR	112338	1-1706-10DR	110492	1-1737-14DR	110508
1-1586-00BO	111083	1-1628-32DR	110500	1-1706-11DR	110492	1-1737-16DR	110508
1-1587-00BO	110913	1-1628-33DR	112640	1-1706-12DR	110492	1-1737-21DR	110508
1-1588-01ND	113636	1-1629-11DR	112627	1-1706-15DR	110492	1-1737-23DR	110508
1-1589-01MI	113553	1-1629-21DR	112338	1-1706-32DR	110492	1-1737-24DR	110508
1-1590-01MI	113554	1-1629-31DR	112629	1-1706-42DR	110492	1-1737-25DR	110508
1-1592-01ND	113066	1-1629-33DR	112640	1-1706-43DR	110492	1-1737-27DR	110508
1-1593-02HI	110267	1-1629-34DR	112640	1-1706-46DR	110492	1-1737-28DR	110508
1-1596-01ND	111435	1-1631-22DR	111486	1-1707-12DR	110724	1-1737-29DR	110508
1-1598-01MI	111959	1-1632-24DR	112126	1-1707-41DR	110235	1-1737-35DR	110508
1-1598-01MI-2	111959	1-1632-31DR	112126	1-1710-10DR	112988	1-1737-38DR	110508
1-1599-01MI	113033	1-1632-32DR	112126	1-1710-11DR	112988	1-1737-39DR	110508
1-1600-01MI	111315	1-1632-33DR	112126	1-1710-13DR	112988	1-1737-40DR	110508
1-1600-01MI-2	111315	1-1633-23DR	112126	1-1710-22DR	112988	1-1737-410DR	110508
1-1601-01MI	113368	1-1633-31DR	112126	1-1710-31DR	112988	1-1737-411DR	110508
1-1601-01MI	113369	1-1633-32DR	112126	1-1710-40DR	112988	1-1737-41DR	110508
1-1605-01ND	112181	1-1634-32DR	110502	1-1710-41DR	112988	1-1737-43DR	110508
1-1606-01DR	112860	1-1635-31DR	110503	1-1710-42DR	112988	1-1737-48DR	110508
1-1607-01DR	112860	1-1636-31DR	110503	1-1713-13DR	110492	1-1738-21DR	110508
1-1608-20FD	112920	1-1636-32DR	110503	1-1713-14DR	110492	1-1738-22DR	110471
1-1608-21FD	112920	1-1637-11DR	112449	1-1713-21DR	110492	1-1738-42DR	110508
1-1609-30FD	112921	1-1637-22DR	112632	1-1713-32DR	110492	1-1740-10DR	110508
1-1609-31FD	112921	1-1638-11DR	112449	1-1714-30DR	110492	1-1740-12DR	110508
1-1609-32FD	112921	1-1638-22DR	112632	1-1714-31DR	110492	1-1740-21DR	110508
1-1610-10FD	112923	1-1638-32DR	111090	1-1715-10DR	110235	1-1740-41DR	110508
1-1610-11FD	112923	1-1638-33DR	111090	1-1715-12DR	110492	1-1743-10DR	110508
1-1610-30FD	112922	1-1639-23DR	112126	1-1715-13DR	110235	1-1743-12DR	110508
1-1610-31FD	112922	1-1639-34DR	112635	1-1715-23DR	110235	1-1743-13DR	110508
1-1610-32FD	112922	1-1639-35DR	110984	1-1715-25DR	110492	1-1743-15DR	110508
1-1611-10FD	112925	1-1640-21DR	112126	1-1715-27DR	110492	1-1743-17DR	110508
1-1611-11FD	112924	1-1640-24DR	112126	1-1715-30DR	110235	1-1743-19DR	110508
1-1611-12FD	112925	1-1640-31DR	110984	1-1715-31DR	110235	1-1743-20DR	110508
1-1611-13FD	112924	1-1640-32DR	112635	1-1715-33DR	110235	1-1743-212DR	110508
1-1611-20FD	112926	1-1640-35DR	110984	1-1715-34DR	110235	1-1743-21DR	110508
1-1611-24FD	112926	1-1643-31DR	110985	1-1715-35DR	110235	1-1743-23DR	110508
1-1612-30FD	112932	1-1644-31DR	110985	1-1715-36DR	110235	1-1743-24DR	110508
1-1612-31FD	112927	1-1645-31DR	110986	1-1715-40DR	110235	1-1743-25DR	110508
1-1612-32FD	112927	1-1646-31DR	110986	1-1715-41DR	110235	1-1743-26DR	110508
1-1612-33FD	112962	1-1647-31DR	112636	1-1715-42DR	110235	1-1743-28DR	110508
1-1613-10FD	111200	1-1648-11DR	112637	1-1715-43DR	110235	1-1743-312DR	110508
1-1613-11FD	111200	1-1650-01DR	112447	1-1718-31DR	110235	1-1743-313DR	110508
1-1613-12FD	111200	1-1651-01DR	112447	1-1720-10DR	110235	1-1743-31DR	110508
1-1613-13FD	111200	1-1652-31DR	110984	1-1720-11DR	110235	1-1743-38DR	110508
1-1613-14FD	111200	1-1652-32DR	110502	1-1720-16DR	110235	1-1743-39DR	110508
1-1613-32FD	112927	1-1653-21DR	111220	1-1720-17DR	110235	1-1743-40DR	110508
1-1614-10FD	112928	1-1653-31DR	112632	1-1720-21DR	110235	1-1743-410DR	110508
1-1614-11FD	112928	1-1653-31DR	112638	1-1720-31DR	110235	1-1743-411DR	110508
1-1614-12FD	112928	1-1654-11DR	111389	1-1720-32DR	110235	1-1743-41DR	110508
1-1614-13FD	112928	1-1658-21DR	111486	1-1720-33DR	110235	1-1743-43DR	110508
1-1614-14FD	112928	1-1658-31DR	111390	1-1720-34DR	110235	1-1743-48DR	110508
1-1614-30FD	112935	1-1659-31DR	110499	1-1720-43DR	110235	1-1743-49DR	110508
1-1614-31FD	112935	1-1662-21DR	112632	1-1720-45DR	110235	1-1744-21DR	110471
1-1615-30FD	112929	1-1665-31DR	110503	1-1721-32DR	110235	1-1744-22DR	110508
1-1615-31FD	112929	1-1666-31DR	110503	1-1725-10DR	111713	1-1744-41DR	110508
1-1616-00FD	113236	1-1667-31DR	112855	1-1725-12DR	111713	1-1745-20DR	110508
1-1616-01FD	113236	1-1668-22DR	110724	1-1725-13DR	111713	1-1745-21DR	110508
1-1617-00FD	113236	1-1668-33DR	112858	1-1725-30DR	111713	1-1745-22DR	110471
1-1617-01FD	113236	1-1669-31DR	112858	1-1725-31DR	111713	1-1745-42DR	110508
1-1617-02FD	113236	1-1674-21DR	112859	1-1725-34DR	111713	1-1746-21DR	110508
1-1618-21FD	112931	1-1677-21DR	112877	1-1726-01ND	113088	1-1746-40DR	110508
1-1619-10FD	112935	1-1677-22DR	112877	1-1727-40DR	111713	1-1746-41DR	110508
1-1619-11FD	112935	1-1677-42DR	112878	1-1730-31DR	112888	1-1747-30DR	110508
1-1619-30FD	112935	1-1678-41DR	112878	1-1734-11DR	110508	1-1747-31DR	110508

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
1-1749-10DR	113767	1-1769-01DR	110234	1-1796-01FD	110237	1-1835-ND	113244
1-1749-11DR	110471	1-1769-02DR	110234	1-1796-02FD	110237	1-1836-01ND	113201
1-1749-12DR	113767	1-1769-03DR	110234	1-1796-03FD	110237	1-1837-01ND	111482
1-1749-13DR	110471	1-1769-05DR	110234	1-1796-04FD	110237	1-1838-01ND	111517
1-1749-14DR	110471	1-1769-06DR	110234	1-1796-05FD	110237	1-1839-01ND	111518
1-1749-15DR	110471	1-1770-00DR	110234	1-1796-06FD	110237	1-1840-01ND	111678
1-1749-17DR	110471	1-1770-01DR	110234	1-1796-09FD	110237	1-1841-01LU	111948
1-1749-21DR	110471	1-1771-001R	112260	1-1796-27FD	110237	1-1842-01DR	112641
1-1749-22DR	110471	1-1771-00DR	112260	1-1798-21DR	113160	1-1843-01ND	113081
1-1749-24DR	110471	1-1772-00DR	112260	1-1799-01DR-1	111392	1-1844-01BO	111676
1-1749-26DR	110471	1-1772-01DR	112260	1-1799-01-DR-2	111392	1-1846-01BO	111369
1-1749-32DR	110471	1-1772-01R	112260	1-1802-21DR	112613	1-1846-01VA	111354
1-1749-35DR	110471	1-1772-02DR	112260	1-1802-21DR-1	112613	1-1847-01BO	111076
1-1749-36DR	110471	1-1774-00DR	112303	1-1802-21DR-2	112613	1-1856-01ND	111965
1-1749-410DR	110471	1-1775-00DR	112303	1-1802-31DR	112614	1-1858-01ND	111428
1-1749-41DR	110471	1-1776-00DR	110300	1-1802-31DR-1	112614	1-1859-01ND	111435
1-1749-42DR	110471	1-1779-22DR	111388	1-1802-42DR-1	111223	1-1860-01ND	111435
1-1749-43DR	110471	1-1781-01DR	111854	1-1805-00FD	110238	1-1864-01ND	113089
1-1749-46DR	110471	1-1782-10FD	112839	1-1805-08FD	110238	1-1865-01ND	113078
1-1749-48DR	110471	1-1784-16FD	112838	1-1805-14FD	110238	1-1866-01ND	113090
1-1749-49DR	110471	1-1784-30FD	112836	1-1805-15FD	110238	1-1867-01BO	112538
1-1751-22DR	110471	1-1784-31FD	112836	1-1805-41FD	110238	1-1869-00BO	112692
1-1751-41DR	110471	1-1784-32FD	112838	1-1805-42FD	110238	1-1869-01BO	112692
1-1752-20DR	110471	1-1784-33FD	112838	1-1805-43FD	110238	1-1872-01BO	113576
1-1752-22DR	110471	1-1784-34FD	112836	1-1805-44FD	110238	1-1873-01MD	111237
1-1753-11DR	110471	1-1785-10FD	112837	1-1805-45FD	110238	1-1873-01MI	111237
1-1753-20DR	110471	1-1785-11FD	112837	1-1805-46FD	110238	1-1874-01MI	111530
1-1755-11DR	110233	1-1785-12FD	112837	1-1805-47FD	110238	1-1876-01MI	111285
1-1755-13DR	110233	1-1786-10FD	112838	1-1806-00FD	112914	1-1877-01HI	113411
1-1755-18DR	110233	1-1786-11FD	112838	1-1806-01FD	112914	1-1878-01HI	112977
1-1755-21DR	110233	1-1786-13FD	112836	1-1806-04FD	112914	1-1879-01HI	112973
1-1755-22DR	110233	1-1786-17FD	112836	1-1806-12FD	112914	1-1880-01HI	112978
1-1755-23DR	110233	1-1786-30FD	112836	1-1806-13FD	112914	1-1883-01ND	113076
1-1755-25DR	110233	1-1786-31FD	112836	1-1806-15FD	112914	1-1886-01MD	110802
1-1755-26DR	110233	1-1786-32FD	112836	1-1806-16FD	112914	1-1888-01ND	110563
1-1755-31DR	110233	1-1786-34FD	112836	1-1806-17FD	112914	1-1891-01MI	112031
1-1755-32DR	110233	1-1786-35FD	112836	1-1806-18FD	112914	1-1892-01ND	113083
1-1755-36DR	110233	1-1786-36FD	112836	1-1806-19FD	112914	1-1894-01MI	110927
1-1755-41DR	110233	1-1786-38FD	112836	1-1806-25FD	112914	1-1895-13DR	110984
1-1755-44DR	110233	1-1787-10FD	112837	1-1806-26FD	112914	1-1895-31DR	112644
1-1755-45DR	110233	1-1787-11FD	112837	1-1806-42FD	110239	1-1895-32DR	112644
1-1755-46DR	110233	1-1787-12FD	112837	1-1806-43FD	110239	1-1896-01DR	112642
1-1755-49DR	110233	1-1787-14FD	112837	1-1807-00FD	112915	1-1898-21DR	112892
1-1756-21DR	110233	1-1787-15FD	112837	1-1807-41FD	112915	1-1899-21DR	112643
1-1756-22DR	110233	1-1787-30FD	112835	1-1807-42FD	112915	1-1904-10FD	112942
1-1756-23DR	110233	1-1787-31FD	112835	1-1808-01BO	111479	1-1904-11FD	112942
1-1757-21DR	110233	1-1787-32FD	112835	1-1808-01VA	111479	1-1904-12FD	112942
1-1758-11DR	110233	1-1787-33FD	112835	1-1809-01BO	111352	1-1905-01ND	111578
1-1758-13DR	110233	1-1787-34FD	112835	1-1809-01VA	111352	1-1907-01BO	112558
1-1758-18DR	110233	1-1787-36FD	112835	1-1810-01BO	112806	1-1908-01BO	111733
1-1758-21DR	110233	1-1787-37FD	112835	1-1812-01BO	112687	1-1908-01BO	113865
1-1758-23DR	110233	1-1788-10FD	112839	1-1813-01BO	111353	1-1909-00BO	112708
1-1758-29DR	110233	1-1788-11FD	112839	1-1813-01VA	111353	1-1909-01BO	111675
1-1758-31DR	110233	1-1788-15FD	112841	1-1814-01BO	112539	1-1910-01BO	111369
1-1758-35DR	110233	1-1788-30FD	112841	1-1814-02BO	112194	1-1911-01BO	112557
1-1758-410DR	110233	1-1788-32FD	112841	1-1814-11BO	112539	1-1912-01DR	112989
1-1758-41DR	110233	1-1788-33FD	112841	1-1815-00BO	112194	1-1912-02DR	112989
1-1758-43DR	110233	1-1788-34FD	112841	1-1815-01BO	112194	1-1912-03DR	112989
1-1758-44DR	110233	1-1788-36FD	112841	1-1816-01BO	112557	1-1914-00DR	110937
1-1758-45DR	110233	1-1788-37FD	112841	1-1817-00CH	112848	1-1915-00DR	112994
1-1758-46DR	110233	1-1789-11FD	111252	1-1817-01CH	112848	1-1915-00DR-1	112994
1-1760-21DR	110233	1-1789-30FD	111252	1-1818-01CH	110236	1-1915-01DR	111232
1-1760-22DR	110233	1-1789-31FD	111252	1-1818-04CH	110236	1-1915-02DR	111232
1-1760-33DR	110233	1-1789-32FD	111252	1-1818-05CH	110236	1-1915-03DR	111232
1-1761-21DR	110505	1-1790-10FD	112843	1-1820-01CH	110514	1-1915-04DR	111232
1-1762-21DR	110505	1-1790-11FD	112843	1-1820-02CH	110514	1-1915-05DR	111232
1-1762-41DR	110505	1-1791-10FD	112916	1-1821-01CH	110514	1-1917-00DR	112991
1-1763-01ND	111579	1-1791-11FD	112916	1-1825-01CH	110514	1-1917-00DR-1	112991
1-1765-20FD	112936	1-1792-10FD	112843	1-1826-01CH	110514	1-1917-01DR	112991
1-1765-21FD	112936	1-1792-11FD	112843	1-1826-02CH	110514	1-1917-02DR	112991
1-1766-12DR	111711	1-1793-10FD	112840	1-1827-01BO	112557	1-1918-00DR	112993
1-1766-21DR	110500	1-1793-11FD	112840	1-1828-01MI	113463	1-1918-00DR-1	112993
1-1766-22DR	112639	1-1793-12FD	112840	1-1829-01MI	111376	1-1918-02DR	112996
1-1766-32DR	110500	1-1793-13FD	112840	1-1831-01	111285	1-1918-03DR	112996
1-1766-33DR	112640	1-1793-30FD	112917	1-1831-01MI	111285	1-1918-04DR	112996
1-1767-00DR	112448	1-1793-34FD	112917	1-1831-01ND	111285	1-1919-02DR	112991
1-1767-01DR	112448	1-1793-35FD	112917	1-1833-01MI	111375	1-1921-01HI	113161
1-1767-02DR	112448	1-1794-01FD	110237	1-1834-01MD	111309	1-1922-11MO	110408
1-1769-00DR	110234	1-1796-00FD	110237	1-1835-01ND	112102	1-1928-01MI	111529

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1-1929-01MI	112377	1-2007-01ND	113069	1-2089-02HI	113366	1-2180-01HI	113556
1-1930-01ND	113091	1-2007-01ND-2	113069	1-2090-01HI	112978	1-2188-01ND	113365
1-1931-01ND	111537	1-2007-07ND	113069	1-2090-01HI	113643	1-2188-01ND-2	113365
1-1932-01ND	113166	1-2009-01ND	111705	1-2092-01HI	113371	1-2189-01ND	113571
1-1933-01ND	113080	1-2010-01CH	110236	1-2092-01HI-2	113371	1-2190-01ND	113359
1-1935-01ND	113092	1-2010-02CH	110236	1-2093-01HI	111726	1-2191-01HI	113197
1-1936-01ND	111518	1-2010-03CH	110236	1-2093-01MI	111726	1-2192-01HI	112981
1-1937-00LN	110937	1-2013-01HI	113583	1-2094-01MI	113035	1-2193-01HI	113373
1-1938-01PR	111397	1-2014-01HI	113583	1-2095-01MI	113558	1-2197-21DR	112850
1-1939-01MI	110133	1-2015-01HI	112979	1-2096-01MI	111959	1-2198-01DR	112851
1-1940-01HI	113412	1-2016-41FD	113765	1-2097-01MI	112031	1-2199-01DR	112852
1-1940-02HI	113412	1-2017-20FD	113765	1-2098-01HI	111381	1-2199-02DR	112852
1-1945-01PR	111397	1-2017-21FD	113765	1-2101-01MI	113462	1-2202-01MD	111237
1-1946-01ND	110564	1-2019-11-DR	112616	1-2101-02MI	113462	1-2203-01MI	112362
1-1947-01MD	110959	1-2019-11DR-1	112616	1-2102-01HI	113423	1-2204-01MI	112328
1-1948-01MD	111710	1-2022-02ND	113645	1-2103-01HI	113375	1-2206-21FD	112951
1-1949-01BO	111987	1-2023-01MI	113507	1-2104-01MD	111807	1-2206-21FD-2	112951
1-1950-01BO	112529	1-2023-02MI	113507	1-2106-01MD	111787	1-2207-01FD	112952
1-1950-03BO	112712	1-2024-20FD	112946	1-2107-01M8	113360	1-2207-01FD-2	112952
1-1950-41VA	111369	1-2024-21FD	112946	1-2107-01MI	113360	1-2208-01BO	112557
1-1950-42BO	111369	1-2024-22FD	112946	1-2108-01BO	111895	1-2208-02BO	112557
1-1950-42VA	112529	1-2024-22-FD	112946	1-2109-11BO	111850	1-2209-11FD	112953
1-1950-44BO	111369	1-2026-30FD	113013	1-2111-01VA	112793	1-2209-11FD-2	112953
1-1950-45BO	110890	1-2028-01CH	110514	1-2112-01DR	112861	1-2211-01ND	111518
1-1951-01MD	110659	1-2030-30FD	112940	1-2114-01MI	113566	1-2212-01HI	111807
1-1952-01MD	110659	1-2030-31FD	112940	1-2115-01MI	111406	1-2218-01DR	112874
1-1953-01HI	111958	1-2032-20DR	110724	1-2118-01MI	112328	1-2221-21DR	112853
1-1954-01HI	113421	1-2033-01DR	112875	1-2118-02MI	112353	1-2222-01DR	112872
1-1955-01MI	110659	1-2038-01DR	111854	1-2119-11HD	110620	1-2223-01MI	113322
1-1956-01MI	111807	1-2040-41DR	112980	1-2119-11ND	110620	1-2224-01ND	113358
1-1957-01MI	111807	1-2041-01HI	113583	1-2120-01ND	113165	1-2224-01ND-2	113358
1-1959-01MI	113034	1-2041-31DR	112894	1-2122-01ND	113628	1-2224-02ND	113358
1-1960-01MI	111495	1-2042-21DR	113005	1-2124-01HI	113374	1-2225-01ND	113359
1-1961-01MI	111279	1-2042-21DR-1	113005	1-2125-01HI	113425	1-2225-01ND-2	113359
1-1963-01ND	113162	1-2044-00DR	112824	1-2128-01MM	112025	1-2226-01ND	113363
1-1964-01ND	111705	1-2044-00DR-1	112824	1-2128-02MM	112025	1-2227-01ND	113362
1-1965-01ND	113093	1-2045-01BO	112773	1-2129-01BO	112806	1-2227-02BO	113564
1-1966-01ND	113077	1-2046-20FD	112936	1-2130-01VA	112683	1-2227-02ND	113364
1-1967-01ND	110496	1-2046-21FD	112936	1-2131-01VA	112687	1-2227-02ND-2	113364
1-1968-01ND	110967	1-2048-11FD	112151	1-2132-01ND	110629	1-2228-01ND	113235
1-1969-01ND	111610	1-2049-00FD	112941	1-2135-01DR	112869	1-2228-01ND-2	113235
1-1971-01ND	111191	1-2049-01FD	112941	1-2135-01DR-1	112869	1-2231-01HI	113381
1-1972-01ND	113067	1-2051-01ND	113584	1-2135-01DR-2	112869	1-2233-01MD	113652
1-1972-01ND-2	113067	1-2054-01ND	113433	1-2136-01DR	112869	1-2236-01ND	110445
1-1976-01ND	113227	1-2055-01ND	113094	1-2136-41DR	112873	1-2236-10ND	110445
1-1978-01ND	111518	1-2057-00DR	113002	1-2136-42DR	112873	1-2237-00BO	111888
1-1980-01ND	112101	1-2058-11DR	113159	1-2138-01ND	113081	1-2240-01HI	113367
1-1982-01ND	111579	1-2058-11DR-1	113159	1-2147-01MI	111806	1-2243-01HI	113427
1-1982-01ND-2	111579	1-2059-01MD	111405	1-2148-01ND	111779	1-2244-11BO	112078
1-1983-01ND	111468	1-2060-00DR	113003	1-2149-01ND	110681	1-2245-11BO	112072
1-1983-01ND-2	111468	1-2060-00DR-1	113003	1-2152-01HI	113426	1-2250-01BO	112426
1-1985-01DR	112615	1-2061-01MI	111384	1-2153-01MI	113310	1-2251-01BO	113486
1-1985-01DR-1	112615	1-2062-01-1	112068	1-2154-00DR	112834	1-2252-11BO	112194
1-1985-01-DR-2	112615	1-2062-MI	112068	1-2154-00DR-1	112834	1-2252-31BO	112530
1-1987-20FD	112920	1-2064-00DR	112824	1-2155-21DR	111712	1-2252-42BO	111902
1-1987-21FD	112938	1-2065-00DR	112824	1-2156-21DR	112665	1-2253-01BO	112193
1-1988-10FD	112943	1-2065-00DR-1	112824	1-2156-21DR-1	112665	1-2255-01BO	113798
1-1988-11FD	112943	1-2065-00DR-2	112824	1-2156-21DR-2	112665	1-2256-01BO	113799
1-1988-12FD	112943	1-2070-02DR	112867	1-2157-01ND	111779	1-2256-01BO	113154
1-1988-13FD	112943	1-2070-02DR-1	112867	1-2158-31FD	112947	1-2258-01BO	112530
1-1991-30FD	112939	1-2071-01DR	112868	1-2158-31FD-1	112947	1-2261-01ND	113628
1-1991-31FD	112939	1-2071-01DR-1	112868	1-2158-31FD-2	112947	1-2264-31FD	112954
1-1992-01MI	113027	1-2071-01DR-2	112868	1-2160-10FD	112918	1-2268-01HI	112981
1-1993-10FD	112944	1-2072-01DR	112642	1-2160-11FD	112918	1-2269-01MI	113370
1-1993-11FD	112944	1-2073-01ND	112583	1-2160-11FD-1	112918	1-2271-01HI	113413
1-1993-12FD	112944	1-2074-01ND	113068	1-2162-01MI	110660	1-2279-00DR	112834
1-1995-21DR	111712	1-2074-01ND-2	113068	1-2164-01MI	111434	1-2280-00DR	112834
1-1995-21DR-1	111712	1-2075-01ND	113235	1-2166-01HI	111433	1-2280-00DR-1	112834
1-1995-21DR-2	111712	1-2076-01MI	111406	1-2167-01ND	113627	1-2281-00DR	112834
1-1995-22DR	111712	1-2077-00DR	113001	1-2170-41DR	112873	1-2285-01ND	113357
1-1996-21DR	112893	1-2077-00DR-1	113001	1-2170-42DR	112873	1-2286-01ND	113606
1-1996-21DR-1	112893	1-2078-00DR	113004	1-2171-01DR	111426	1-2286-01ND-2	113606
1-1997-10FD	112928	1-2078-00DR-1	113004	1-2173-11FD	112949	1-2287-01ND	111796
1-1997-11FD	112928	1-2080-01ND	111468	1-2173-11FD-1	112949	1-2288-01MD	112327
1-1997-11FD-1	112928	1-2081-01ND	111518	1-2173-11FD-2	112949	1-2290-01DR	112615
1-1997-11FD-2	112928	1-2086-01ND	113626	1-2175-31	111223	1-2290-01DR-1	112615
1-1999-01BO	110803	1-2087-01ND	113071	1-2176-01MI	113027	1-2291-00DR	112160
1-2001-01HI	111704	1-2087-01ND-2	113071	1-2178-31FD	112950	1-2291-00DR-1	112160
1-2002-01HI	113197	1-2089-01HI	113555	1-2179-21DR	113005	1-2292-00DR	112992

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
1-2292-00DR-1	112992	1-2449-01HI	113372	20-1101-21	112885	20-116-9	112988
1-2293-00DR	112773	1-2451-01VA	111478	20-1101-21-9	112885	20-117	112989
1-2295-00DR	112996	1-2452-01BO	112075	20-1104-41	112886	20-117-1	112989
1-2296-00DR	112996	1-2453-01BO	111878	20-1108	113432	20-118	110801
1-2299-00DR	113432	1-2454-01MM	112718	20-1108-1	113432	20-118-1	110801
1-2299-00DR-1	113432	1-2456-01ND	110685	20-1109	112996	20-121	111261
1-2300-00DR	112996	1-2458-01ND	113715	20-1111	110235	20-121-1	111261
1-2300-00DR-1	112996	1-2462-31MD	110540	20-1110	112994	20-123	112448
1-2301-00DR	112998	1-2463-01MD	110540	20-1111	112993	20-123-1	112448
1-2302-01DR	112998	1-2466-01MD	113600	20-1113	112991	20-124	112260
1-2303-00DR	112264	1-2470-01HI	113415	20-1114	112160	20-126	112303
1-2306-01BO	112712	1-2471-01HI	110448	20-1117-20	113160	20-126-1	112303
1-2307-31MD	111710	1-2474-01HI	113418	20-1117-21	113160	20-127	110300
1-2308-31MD	110540	1-2476-01ND	111048	20-1119-10	111392	20-127-1	110300
1-2309-31MD	111710	1-2476-01ND	113921	20-1119-11	111392	20-128	110300
1-2310-31MD	111710	1-2477-01ND	111048	20-1120-40	111223	20-129	110937
1-2311-01BO	112709	1-2478-01ND	111048	20-1120-41	111223	20-132	112265
1-2312-01HI	112270	1-2478-01ND	113921	20-1121-20	112613	20-132-1	112265
1-2313-01HI	113347	1-2479-01MI	110802	20-1121-21	112613	20-133	112262
1-2315-01HI	113401	1-2480-01MI	113562	20-1121-30	112614	20-133-1	112262
1-2316-01HI	113410	1-2481-01HI	110694	20-1121-31	112614	20-136-31	110503
1-2319-00LN	110937	1-2482-01HI	111235	20-1121-40	111223	20-137-31	112855
1-2320-21DR	112850	1-2484-01DR	113692	20-1121-42	111223	20-137-31-9	112855
1-2322-01DR	112872	1-2485-01DR	113685	20-1122-21	112859	20-139-20	112338
1-2322-01DR-1	112872	1-2488-01DR	113693	20-1122-21-9	112859	20-139-21	112338
1-2332-01HI	112270	1-2489-01DR	113694	20-1122-31	112859	20-141-30	110498
1-2333-00DR	112996	1-2490-01HI	113420	20-1124-11	112860	20-141-31	110498
1-2333-00DR-1	112996	1-2495-01HI	113822	20-1124-11-9	112860	20-141-31-1	110498
1-2334-00DR	112995	1-2497-01ND	113607	20-1126-41	113502	20-142-10	111202
1-2334-00DR-1	112995	1-2499-01MI	113634	20-1129-31	112888	20-142-11	111202
1-2334-00DR-2	112995	1-2500-31BO	113531	20-113	111713	20-142-11-1	111202
1-2335-01ND	110620	1-2501-01DR	113498	20-113-1	111713	20-142-12	111202
1-2336-01ND	111048	1-2501-31BO	111843	20-113-2	111713	20-142-20	111388
1-2336-01ND	113921	1-2506-01VA	113748	20-1132-10	111711	20-142-21	111388
1-2338-01FD	112956	1-2514-11MI	113747	20-1132-12	111711	20-142-21-1	111388
1-2338-11FD	112956	1-2516-01VA	112193	20-1132-12-1	111711	20-142-30	110499
1-2342-01MI	111408	1-2518-41BO	112170	20-1132-20	110500	20-142-31	110499
1-2344-00BO	111843	1-2519-01BO	112079	20-1132-21	110500	20-142-32	112621
1-2347-41ND	111048	1-2520-01BO	111989	20-1132-21-1	110500	20-142-32-1	112621
1-2349-01FD	112958	1-2521-01BO	113300	20-1132-22	112639	20-142-33	110499
1-2349-01FD-2	112958	1-2522-01BO	112193	20-1132-22-1	112639	20-142-33-1	110499
1-2350-11FD	112959	1-2525-01VA	111528	20-1132-30	112640	20-142-34	110499
1-2350-11FD-2	112959	1-2525-01VA	111658	20-1132-32	112640	20-142-34-1	110499
1-2356-01MI	110662	1-2532-00MO	113766	20-1132-33	112640	20-145-10	112627
1-2364-01ND	113606	1-2547-00BO	113807	20-1132-33-1	112640	20-145-11	112627
1-2378-01MD	111309	1-2547-01BO	113808	20-1135-20	111388	20-145-11-1	112627
1-2379-01HI	113425	1-2558-00DR	113778	20-1135-22	111388	20-145-20	112338
1-2383-01VA	111946	1-2564-00LN	113739	20-1135-22-1	111388	20-145-21	112338
1-2385-01BO	111988	1-2608-01FD	113709	20-1137-10	111854	20-145-21-1	112338
1-2390-01ND	113564	1-2621-01LU	111355	20-1137-11	111855	20-145-30	112337
1-2391-01MI	112270	1-2665-00LN	113766	20-1137-11-1	111854	20-145-31	112337
1-2392-01MI	111832	1-2692-01MI	113781	20-1138-11	112641	20-145-31-1	112337
1-2395-31BO	113489	1-2731-01MM	113537	20-1138-11-1	112641	20-145-32	112640
1-2396-01BO	112691	1-2766-01HI	112067	20-113-9	111713	20-145-33	112629
1-2399-01BO	112002	1-2774-01VA	113801	20-1139-20	112642	20-145-33-1	112629
1-2401-01DR	113498	12782N	114379	20-1139-21	112642	20-146-20	111486
1-2403-01DR	113350	1-2816-01MI	113782	20-1139-21-1	112642	20-146-21	111486
1-2406-01ND	111517	1-2819-01ND	113802	20-1140-20	112643	20-146-21-1	111486
1-2410-11DR	110325	1-2828-01HI	111381	20-1140-21	112643	20-146-31-1	111631
1-2412-11FD	112960	1-2851-01ND	111215	20-1140-21-1	112643	20-147-30	112126
1-2413-01HI	111264	1-2994-01BO	113352	20-1142-30	112644	20-147-31	112126
1-2414-11FD	112961	1-2996-01DR	113691	20-1142-31	112644	20-147-32	112126
1-2414-11FD-2	112961	1-3003-01FD	113744	20-1142-31-1	112644	20-147-33	112126
1-2419-01DR	112853	1-3005-00BO	112773	20-1142-32	112644	20-148-30	110502
1-2419-21DR	112853	1-3045-01DR	113694	20-1147-21	112892	20-148-31	110502
1-2419-21DR	113777	1-3219-01LU	111739	20-114-9	110492	20-149	112996
1-2428-00DR	113579	18886N	114182	20-1149-40	112615	20-149-1	112996
1-2429-00LN	113739	20-225-11	112923	20-1149-41	112615	20-150-30	110503
1-2429-00MO	113739	20-101-1	110075	20-1150-10	111712	20-150-31	110503
1-2430-01MI	111406	20-101-9	110075	20-1150-11	111712	20-150-31-1	110503
1-2431-00DR	113155	20-102-2	110233	20-1154-10	112616	20-150-32	110503
1-2432-01HI	113419	20-102-9	110233	20-1154-11	112616	20-151-10	112449
1-2434-01MI	111344	20-104	110505	20-1156-21	112893	20-151-11	112449
1-2436-01ND	111048	20-105	110471	20-1157-41	112875	20-151-11-1	112449
1-2439-01ND	111018	20-106	110508	20-1158-41	112980	20-151-20	112632
1-2440-01VA	112399	20-109	110508	20-1159-31	112894	20-151-21	112632
1-2442-01MI	113439	20-110	110471	20-116-1	112988	20-151-22	112632
1-2446-01MD	113656	20-1100-21	112884	20-1163	112264	20-151-22-1	112632
1-2447-01MI	112067	20-1101-11	112885	20-1163-1	112264	20-151-30	111090

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
20-151-31	111090	20-209	113013	20-228-13-1	111200	20-244-30-2	112940
20-151-31-1	111090	20-209-9	113013	20-228-13-2	111200	20-244-31	112940
20-151-32	111090	20-210	113765	20-228-14-1	111200	20-244-31-1	112940
20-152-10	110984	20-210-1	113765	20-228-14-2	111200	20-244-31-2	112940
20-152-22	112126	20-215-9	112915	20-229-10	112928	20-245-30	112941
20-152-30	110984	20-216	112916	20-229-10-1	112928	20-245-30-1	112941
20-152-31	112635	20-216-10	112916	20-229-10-2	112928	20-245-30-2	112941
20-152-31-1	112635	20-216-30	112916	20-229-11	112928	20-245-31-1	112941
20-152-32	110984	20-218-31	112929	20-229-11-1	112928	20-245-31-2	112941
20-152-32-1	110984	20-219-10	112843	20-229-11-2	112928	20-247-10	112151
20-152-33	110984	20-220-10	112840	20-229-12	112928	20-247-11	112151
20-154	112995	20-220-30	112917	20-229-12-1	112928	20-303-9	112848
20-154-1	112995	20-221-10	111199	20-229-12-2	112928	20-412-9	110164
20-157-21	112877	20-221-10-1	111199	20-229-13	112928	20-501	110937
20-157-41	112878	20-221-10-2	111199	20-229-14	112928	20-501-1	110937
20-159-1	111250	20-221-11	111199	20-229-14-1	112928	20-502	110937
20-159-9	111250	20-221-11-1	111199	20-229-14-2	112928	20-502-1	110937
20-165-10	111202	20-221-11-2	111199	20-229-31-1	112929	20-504	113740
20-165-11	111202	20-221-12	111199	20-229-31-2	112929	20-504-1	113740
20-167-30	110985	20-221-12-1	111199	20-230-30-1	113236	20-601	110427
20-167-31	110985	20-221-12-2	111199	20-230-30-2	113236	20-8101-1	113347
20-167-31-1	110985	20-222-31	113236	20-230-32-1	113236	20-8101-9	113347
20-168	110235	20-222-32	113236	20-230-32-2	113236	20-8102-1	112270
20-168-9	110235	20-223-20-1	112920	20-230-33-1	113236	20-8102-9	112270
20-170-30	110986	20-223-21	112920	20-230-33-2	113236	20-8600	110959
20-170-31	110986	20-223-21-1	112920	20-231-20-1	112931	20-8601	111710
20-170-31-1	110986	20-223-21-2	112920	20-231-20-2	112931	20-9102-1	110662
20-171-30	112636	20-224-30-1	112921	20-231-21	112931	20-9102-9	110662
20-171-31	112636	20-224-30-2	112921	20-231-21-1	112931	20-9103	110766
20-171-31-1	112636	20-224-31-1	112921	20-231-21-2	112931	20-9104	111649
20-172-10	112637	20-224-31-2	112921	20-232-10	112935	20-9104-1	111649
20-172-11	112637	20-224-32	112921	20-232-10-1	112993	20-9105	110766
20-172-11-1	112637	20-224-32-1	112921	20-232-10-2	112993	20-9107	110882
20-173-11-9	110724	20-224-32-2	112921	20-232-11	112935	20-9108-1	112742
20-173-21	110724	20-225-10	112923	20-232-11-1	112993	20-9300	112097
20-173-21-9	110724	20-225-11	112923	20-232-11-2	112993	20-9900	110639
20-173-31	112858	20-225-11-1	112923	20-233-21	112920	2-1000-MT	111442
20-173-31-9	112858	20-225-11-2	112923	20-233-30-1	112932	2-1000-ND	111442
20-176-11	112880	20-225-30-1	112922	20-233-30-2	112962	2-1001-ND	113096
20-178	110591	20-225-30-2	112922	20-233-31	112932	2-1002-ND-1	111546
20-178-1	110591	20-225-31	112922	20-233-31-1	112932	2-1006-HI	110145
20-182-10	112447	20-225-31-1	112922	20-234-30-1	112933	2-1007-ND	111458
20-182-11	112447	20-225-31-2	112922	20-234-30-2	112933	2-1009-HI	110145
20-182-11-1	112447	20-225-32	112922	20-234-31	112933	2-1009-ND	110145
20-184-30	110984	20-225-32-1	112922	20-234-31-1	112933	2-1010-MT	111458
20-184-31	110984	20-225-32-2	112922	20-234-31-2	112933	2-1010-ND	113024
20-184-32	110502	20-226-10	112924	20-234-32	112933	2-1011-MT	111458
20-186-20	111220	20-226-10-1	112924	20-234-32-1	112933	2-1011-ND	111458
20-186-21	111220	20-226-10-2	112924	20-234-32-2	112933	2-1011-ND-1	111458
20-186-21-1	111220	20-226-11	112924	20-235-10	112934	2-1012-MT	110312
20-186-30	112638	20-226-11-1	112924	20-235-11	112934	2-1012-ND	110312
20-186-31	112632	20-226-11-2	112925	20-235-11-1	112934	2-1013-HI	110249
20-186-31-1	112638	20-226-12	112925	20-235-11-2	112934	2-1013-ND	110249
20-186-31-1	112638	20-226-12-1	112925	20-236-20	112936	2-1014-MT	111543
20-187-10	111389	20-226-12-2	112925	20-236-20-1	112936	2-1014-ND	111543
20-187-11	111389	20-226-13	112924	20-236-20-2	112936	2-1017-MT	111543
20-187-11-1	111389	20-226-13-1	112924	20-236-21	112936	2-1018-MT	113022
20-195-20	111486	20-226-13-2	112925	20-236-21-1	112936	2-1019-MT	113024
20-195-22	111486	20-226-20-1	112926	20-236-21-2	112936	2-1019-ND	113024
20-195-30	111390	20-226-21	112926	20-238-10	112942	2-1020-MT	112214
20-195-31	111390	20-226-21-1	112926	20-238-11	112942	2-1020-ND	112214
20-195-31-1	111390	20-226-21-2	112926	20-240-20-1	112920	2-1020-ND-1	112214
20-196-11	112882	20-227-30-1	112962	20-240-20-2	110920	2-1021-MT	111543
20-197-11	112883	20-227-30-2	112962	20-240-21	112938	2-1023-ND	110152
20-198-11	110682	20-227-31	112962	20-240-21-1	112938	2-1024-ND	110411
20-199-30	110499	20-227-31-1	112962	20-240-21-2	112938	2-1029-ND	110396
20-199-31	110499	20-227-31-2	112962	20-241-30	112939	2-1029-ND-1	110396
20-202-9	110237	20-227-32	112962	20-241-30-1	112939	2-1030-ND	110396
20-204-9	110238	20-227-32-1	112962	20-241-30-2	112939	2-1031-ND	110396
20-205-10	112838	20-227-32-2	112962	20-241-31	112939	2-1034-ND	110260
20-205-30	112836	20-228-10	111200	20-241-31-1	112939	2-1035-ND	110621
20-206-10	112837	20-228-10-1	111200	20-241-31-2	112939	2-1037-ND	110708
20-206-30	112835	20-228-10-2	111200	20-242-10	112943	2-1040-ND	113097
20-207-10	112839	20-228-11-1	111200	20-242-11	112943	2-1043-ND	110399
20-207-30	112841	20-228-11-2	111200	20-242-11	112943	2-1044-ND	110290
20-207-30-1	112841	20-228-12	111200	20-243-10	112944	2-1046-ND	110386
20-208-10	111252	20-228-12-1	111200	20-243-11	112944	2-1047-ND	111386
20-208-30	112252	20-228-12-2	111200	20-244-30	112940	2-1048-ND	113099
20-208-30-1	112842	20-228-13	111200	20-244-30-1	112940	2-1050-ND	110397

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
2-1051-ND	110253	2-1152MI	110810	2-1271-BO	110838	2-1385-BO	111425
2-1055-ND	111446	2-1152-MI	110810	2-1272-BO	110869	2-1385-ND	111425
2-1056-ND	111544	2-1153-MI	111557	2-1274-HI-1	110156	2-1385-ND	113095
2-1057-ND	110709	2-1154-MI	111557	2-1275-BO	110869	2-1386-BO	111425
2-1058-ND	110323	2-1156-FD	111183	2-1276-BO	111065	2-1387-BO	111425
2-1059-ND	111551	2-1161-MI	112215	2-1278-BO	112295	2-1392-BO	111456
2-1060-ND	111551	2-1164-FD	111844	2-1278-VA	111347	2-1393-ND	111456
2-1064-ND-1	110712	2-1165-FD	112030	2-1279-BO	111851	2-1394-BO	111456
2-1065-ND	110713	2-1166-MD	110315	2-1283-BO	111270	2-1394-ND	111456
2-1066-ND	110712	2-1166-MI	110315	2-1285-BO	111054	2-1394-ND-1	111456
2-1067-ND	110712	2-1166-MI-2	110315	2-1287-BO	111112	2-1398-ND	111764
2-1070-ND	111681	2-1167-MI	110311	2-1288-BO	111489	2-1398-ND-2	111764
2-1073-ND	111682	2-1168-MI	110158	2-1288-HI	110160	2-1399-ND	112213
2-1074-ND	111556	2-1169-MI	110809	2-1289-BO	111120	2-1401-ND	111442
2-1075-ND	113168	2-1170-MI	111461	2-1289-HI	111120	2-1402-MI	111182
2-1076-HI	110277	2-1172-MI	110311	2-1290-BO	111489	2-1404-ND	111544
2-1076-MI	110277	2-1173-MI	110315	2-1293-BO	110793	2-1404-ND-1	111544
2-1077HI	110308	2-1174-MD	110811	2-1293-BO	111066	2-1405-ND	110713
2-1079-1	110144	2-1174-MI	110811	2-1293-DU	110793	2-1409-ND	113102
2-1079-1	110308	2-1176	111241	2-1293-DU	111066	2-1410-ND	113103
2-1079-HI	110144	2-1176-MD	111241	2-1293-PR	110793	2-1412-DR	112911
2-1079-HI	110308	2-1176-MI	111241	2-1293-PR	111066	2-1413-DR	111034
2-1079-MI	110144	2-1178-MD	111305	2-1296-BO	111109	2-1419-FD	111374
2-1080-HI	111634	2-1178-MI	111305	2-1296-PR	111109	2-1421-ND	110421
2-1081-MI	110142	2-1182-MD	111242	2-1298-PR	110790	2-1425-BO	111104
2-1082-HI	110280	2-1182-MI	111242	2-1299-PR	111063	2-1429-BO	110870
2-1082-MI	110280	2-1183-MD	110958	2-1300-BO	110587	2-1430-BO	110336
2-1083-1	110142	2-1183-MI	110958	2-1300-PR	110587	2-1430-LU	110336
2-1083-HI	110142	2-1186-MI	110394	2-1302-DU	110367	2-1435-ND	111451
2-1083-MI	110142	2-1189	110310	2-1302-PR	110367	2-1436-HI	110145
2-1084-HI	110280	2-1189-ND	111310	2-1303-PR	110367	2-1436-ND	110145
2-1085-HI	110308	2-1192-HI	110477	2-1304-PR	110367	2-1437-HI	110477
2-1086	110277	2-1193-HI	110573	2-1305-DU	110866	2-1439-ND	110411
2-1086-HI	110277	2-1193-ND	111683	2-1305-PR	110866	2-1441-HI	113614
2-1086-MI	110277	2-1206-ND	111451	2-1308-BO	110585	2-1442-ND	112582
2-1087-HI	110277	2-1207-ND	111451	2-1308-DU	110585	2-1443-MI	112845
2-1088-HI	110386	2-1209-MI	111451	2-1308-PR	110585	2-1443-MI-2	112845
2-1089-HI	110386	2-1210-MI	110295	2-1310-PR	112295	2-1444-MI	111108
2-1091-HI	110717	2-1211-HI	111182	2-1312-BO	110341	2-1445-MI	111475
2-1092-HI	111441	2-1211-MI	111182	2-1313-PR	110835	2-1446-HI	111762
2-1092-MI	111728	2-1215-ND	111454	2-1315-MM	110338	2-1447-BO	111751
2-1093-HI	110279	2-1215-ND-1	111454	2-1317-BO	110825	2-1449-BO	111061
2-1093-MI	110279	2-1216-ND	111552	2-1317-MM	110825	2-1455-ND	113104
2-1094-1	110278	2-1222-MI	113817	2-1318-BO	111106	2-1457-BO	111400
2-1094-HI	110278	2-1224-MI	110157	2-1319-MM	111104	2-1459-ND	111456
2-1094-MI	110278	2-1225-MI	110157	2-1322-BO	112308	2-1459-ND-2	111456
2-1101-HI	112983	2-1226-MI	110291	2-1325-LU	111865	2-1460-BO	110865
2-1102-HI	112983	2-1228-MI	110291	2-1328-LU	111103	2-1462-PR	111124
2-1107-HI	111762	2-1230-PR	112541	2-1336-LU-1	113171	2-1464-PR	111114
2-1112-HI	110249	2-1231-BO	111490	2-1340-BO	110363	2-1467-DR	113122
2-1115	111488	2-1232-MI	111349	2-1342-BO	110997	2-1469-VA	110856
2-1115-HI	111488	2-1232-MI-2	111349	2-1343-BO	110824	2-1470-DR	111034
2-1115-MI	111488	2-1234-MI	113043	2-1343-PR	110824	2-1471-DR	112913
2-1116-HI	111023	2-1236-MI	113043	2-1351-BO	110864	2-1473-DR	111034
2-1117-HI	111459	2-1238-ND	111310	2-1353-BO	110858	2-1474-DR	111786
2-1117-MI	111459	2-1239-MI	110394	2-1358-BO	110996	2-1474-DR-2	111786
2-1118	111312	2-1244-MI	110394	2-1359-BO	111061	2-1476-DR	111786
2-1118-HI	111312	2-1245-BO	111127	2-1360-BO	110865	2-1477-DR	111127
2-1118-MI	110279	2-1246-MD	110807	2-1361-BO	111069	2-1478-DR	112847
2-1119-MI	111312	2-1246-MI	110807	2-1362-BO	111069	2-1479-DR	112898
2-1120-MI	113041	2-1247-MD	110808	2-1363-BO	111010	2-1480-DR	112904
2-1121-MI	111485	2-1247-MI	110808	2-1363-MI	110824	2-1481-DR	112897
2-1122-1	112985	2-1248-BO	111053	2-1365-BO	111060	2-1481-DR-2	112897
2-1122-HI	112985	2-1249-MI	110578	2-1367-BO	111059	2-1485-DR	112909
2-1123-HI	111763	2-1254-MI	112267	2-1372-BO	111059	2-1487-DR	110221
2-1128-MI	111608	2-1254-MI-2	112267	2-1373-BO	111059	2-1489-DR	112910
2-1136-MI	110149	2-1256-BO	110868	2-1374-BO	112131	2-1494-DR	112911
2-1138-MI	110578	2-1257-BO	110842	2-1376-BO	112131	2-1498-DR	112898
2-1140-MI	113036	2-1258-BO	111052	2-1378-BO	111010	2-1500-DR	110414
2-1141-MI	110808	2-1259-BO	110772	2-1378-MM	111010	2-1506-DR	110221
2-1142-MI	110149	2-1259-BO	111052	2-1380-BO	113095	2-1508-DR	110414
2-1142-ND-2	112582	2-1260-BO	111052	2-1380-ND	113095	2-1510-DR	110221
2-1143-MI	110389	2-1262-BO	112533	2-1380-ND-1	113095	2-1512-DR	110221
2-1144-MI	110808	2-1263-BO	111400	2-1381-ND	111022	2-1513-DR	112910
2-1147-MI	113135	2-1264-BO	111052	2-1382-ND	111492	2-1516-DR	110221
2-1148-MI	110811	2-1267-BO	112172	2-1382-ND-1	111492	2-1519-BO	112816
2-1149-MD	110810	2-1269-BO	111911	2-1383-ND	111456	2-1521-MT	113025
2-1149-MI	110810	2-1269-MM	111911	2-1384-BO	111425	2-1523-MT	113026
2-1150-MI	111246	2-1270-BO	110368	2-1384-ND	113095	2-1526	113725

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2-1526-ND	113725	2-1624-ND	110152	2-1736-HI-1	110617	2-1821-ND	113241
2-1527-ND	113105	2-1625-DR	112341	2-1737-ND	110626	2-1822-ND	113240
2-1527-ND-2	113105	2-1629-DR	112341	2-1738-MI	113128	2-1823-ND	113117
2-1528-MT	113508	2-1631-DR	112267	2-1738-MI-1	113128	2-1827-ND	113118
2-1528-ND	113023	2-1634-FD	110230	2-1739-ND	113114	2-1828-ND	113171
2-1528-ND-1	113023	2-1642-FD	112965	2-1740-MI	110256	2-1832-ND	111784
2-1529-ND	111713	2-1643-FD	110232	2-1741-1	110155	2-1833-ND	113170
2-1530-ND	113106	2-1645-FD	112963	2-1741-HI	110155	2-1834-ND	111550
2-1531-BO	112167	2-1649-FD	112016	2-1741-MI	110155	2-1835-ND	113244
2-1532-BO	111749	2-1650-FD	112966	2-1742-ND	110486	2-1837-ND	113119
2-1534-BO	111748	2-1651-NK	112649	2-1743-ND	110485	2-1837-ND-2	113119
2-1535-BO	112166	2-1668-FD	110227	2-1744-ND	110934	2-1838-ND	113173
2-1536-BO	112309	2-1672-FD	110224	2-1745-ND	113131	2-1839-ND	113434
2-1536-MM	112309	2-1674-FD	110226	2-1746-ND	110486	2-1840-ND	113665
2-1537-BO	112818	2-1676-FD	110225	2-1748	112276	2-1842-MT	113396
2-1538-BO	112013	2-1677-FD	110225	2-1748-MI	112276	2-1847-MI	112368
2-1539-BO	112553	2-1678-FD	110229	2-1748-MI-1	112276	2-1847-MI	112368
2-1541-HI	110249	2-1679-FD	110228	2-1749-DR	112267	2-1848-MI	113045
2-1542-HI	111312	2-1680-FD	110225	2-1750-ND	110942	2-1850-MI	111970
2-1543-ND	110323	2-1681-BO	111396	2-1753-ND	113428	2-1851-MD	110149
2-1544-ND	113121	2-1682-ND	110154	2-1754-ND	110490	2-1852-MI	113037
2-1545-MI	110810	2-1684-FD	110509	2-1755-FD	112340	2-1854-MI	111552
2-1545-MI-2	110810	2-1686-FD	110231	2-1755-FD-1	112340	2-1855-HI	111098
2-1546-MI	111311	2-1688-DR	112898	2-1756-FD	112235	2-1856-HI	111382
2-1547-MI	113044	2-1688-DR-1	112898	2-1756-FD-1	112235	2-1857-MD	111306
2-1548-MI	110158	2-1688-DR-2	112898	2-1758-DR	111786	2-1857-VA	111306
2-1548-ND-1	113023	2-1689-DR	112897	2-1759-DR	111699	2-1858-MD	111307
2-1549-MI	111310	2-1689-DR-1	112897	2-1760DR	111699	2-1859-MI	111451
2-1550-MI	110933	2-1689-DR-2	112897	2-1760-DR-2	111699	2-1860-MI	113038
2-1552-MI	113141	2-1690-DR	112240	2-1761-ND	110149	2-1861-MI	113040
2-1553-MI	113141	2-1690-DR-1	112240	2-1764-BO	111347	2-1862-MI	111971
2-1554-MI	113141	2-1690-DR-2	112240	2-1765-BO	111865	2-1863-MI	111312
2-1554-MI-1	113141	2-1691-DR	111786	2-1766-HD	111835	2-1864-MI	113139
2-1555-MI	113137	2-1691-DR-2	111786	2-1767-HD	111836	2-1865-MI	113646
2-1557-FD	112584	2-1692-DR	112904	2-1768-MI	113816	2-1866-MI	113504
2-1558-FD	111370	2-1692-DR-1	112904	2-1769-MI	113229	2-1867-MT	113392
2-1559-FD	111370	2-1692-DR-2	112904	2-1770-MI	113234	2-1868-MT	113398
2-1560-HI	112986	2-1693-ND	111455	2-1771-MI	112846	2-1869-MT	113408
2-1561-ND	113402	2-1694-HI	111382	2-1772-MI	113136	2-1872-HI	111706
2-1563-FD	113217	2-1695-ND	111492	2-1772-MI-2	113136	2-1873-BO	111347
2-1564-FD	113220	2-1695-ND-2	111492	2-1774-MI	111552	2-1874-BO	111131
2-1564-FD	113221	2-1698-ND	111784	2-1776-HI	110820	2-1875-VA	112440
2-1565-FD	113223	2-1699-ND	113174	2-1779-BO	111759	2-1877-DR	112667
2-1566-FD	113218	2-1700-ND	111984	2-1780-MI	111300	2-1878-DR	112253
2-1567-FD	112592	2-1700-ND-1	111984	2-1781-MI	110947	2-1878-LN	112253
2-1569-FD	113221	2-1700-ND-2	111984	2-1782-MI	112301	2-1879-ND	113175
2-1571-CH	110223	2-1701-ND	112213	2-1783-MI	111310	2-1881-FD	113218
2-1572-CH	110222	2-1702-ND	113108	2-1786-ND	113115	2-1881-FD-1	113218
2-1575-CH	110223	2-1702-ND-1	113108	2-1786-ND-2	113115	2-1882-FD	113220
2-1578-DR	112897	2-1703-ND	113109	2-1789-DR	111786	2-1882-FD	113221
2-1580-DR	112341	2-1704-ND	111550	2-1790-DR	112911	2-1882-FD-1	113220
2-1581-DR	112341	2-1704-ND-1	111550	2-1791-ND	111837	2-1883-FD-1	113221
2-1583-DR	113126	2-1705-ND	113110	2-1794-BO	112133	2-1884-FD-1	112296
2-1585-ND	111492	2-1708-ND	111783	2-1796-DR	112912	2-1885-FD	111844
2-1587-ND	111551	2-1709-ND	113112	2-1796-DR-9	112912	2-1885-FD-1	111844
2-1588-ND	113169	2-1710-ND	111556	2-1797-DR	112898	2-1887-FD	112588
2-1589-ND	113169	2-1711-ND	111556	2-1798-MT	110312	2-1887-FD-1	112588
2-1590-DR	112897	2-1713-VA	113122	2-1799-FD	112646	2-1888-FD	113217
2-1590-DR-1	112897	2-1714-ND	113111	2-1799-FD-1	112646	2-1888-FD-1	113217
2-1590-DR-2	112897	2-1714-ND-1	113111	2-1800-FD	112586	2-1889-BO	112555
2-1591-DR	112897	2-1715-ND	113113	2-1800-FD-1	112586	2-1890-BO	111900
2-1592-DR	112897	2-1715-ND-1	113113	2-1801-FD	113226	2-1892-ND	113243
2-1593-DR	110216	2-1719-FD	111374	2-1803-BO	111755	2-1893-FD	113226
2-1593-DR-2	110216	2-1719-FD-1	111374	2-1805-RO	110640	2-1893-FD-1	113226
2-1594-DR	110216	2-1720-BO	111851	2-1806-FD	111183	2-1894-FD	113222
2-1595-DR	111258	2-1721-BO	112819	2-1806-FD-1	111183	2-1894-FD-1	113222
2-1596-DR	111258	2-1722-BO	110847	2-1807-ND	113116	2-1896-MI	111305
2-1604-DR	110216	2-1723-HI	110332	2-1807-ND-2	113116	2-1899-BO	111865
2-1605-DR	110216	2-1724-HI	110156	2-1809-DR	112897	2-1901-ND	111551
2-1607-DR	110216	2-1724-HI-1	110156	2-1810-DR	111127	2-1902-BO	112034
2-1608-DR	110218	2-1726-ND	110627	2-1811-DR	112906	2-1904-BO	112286
2-1609-DR	110218	2-1727-MI	110292	2-1811-DR-2	112906	2-1906-MI	113638
2-1611-HI	112844	2-1728-MI	110182	2-1814-DR	112900	2-1907-BO	110771
2-1611-MI	112844	2-1729-MI	110283	2-1814-DR-1	112900	2-1908-BO	110536
2-1611-MI-2	112844	2-1730-ND	110474	2-1816-BO	112459	2-1910-FD	112608
2-1612-MI	113668	2-1733-MI	110415	2-1818-MI	113138	2-1910-FD-1	112608
2-1613-MI	111305	2-1734-HI	110355	2-1819-DR	112907	2-1912-DR	113006
2-1614-ND	110411	2-1734-HI-1	110355	2-1819-DR-1	112907	2-1912-DR-1	113006
2-1622-ND	110152	2-1735-HI	110160	2-1819-DR-2	112907	2-1912-DR-2	113006

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
2-1913-MI	113129	2-2007-HI	110552	2-2129-UT	110510	2-2248-PR	111047
2-1913-MI-1	113129	2-2008-HI	112478	2-2130-HI	111840	2-2249-UT	113590
2-1914-FD	113222	2-2009-HI	113408	2-2131-ND	110437	2-2251-UT	112826
2-1915-FD	113216	2-2011-HI	112659	2-2135-IK	113454	2-2252-UT	112830
2-1916-HI	110485	2-2012-HI	111586	2-2136-DR	111848	2-2253-UT	112829
2-1918-FD	113216	2-2014-HI	110719	2-2137-DR	111684	2-2258-MT	113390
2-1918-FD-1	113216	2-2015-HI	112674	2-2138-ND	111765	2-2258-UT	113390
2-1921-BO	112171	2-2016-HI	112374	2-2139-DR	112902	2-2260-VA	113659
2-1922-DR	112901	2-2018-NK	110556	2-2140-DR	112898	2-2261-BO	111851
2-1922-DR-1	112901	2-2021-MI	111242	2-2140-DR-2	112898	2-2262-HI	111473
2-1922-DR-2	112901	2-2022-DR	112546	2-2141-DR	112905	2-2263-ND	113237
2-1923-BO	113613	2-2022-ND	112546	2-2141-DR-2	112905	2-2264-HI	111247
2-1924-HI	110156	2-2024-MI	111273	2-2142-DR	112898	2-2270-ND	113475
2-1925-BO	112041	2-2026-HI	110462	2-2142-DR-2	112898	2-2271-DR	112232
2-1927-MM	111400	2-2029-MI	113046	2-2143-DR	112240	2-2276-ND	111224
2-1929-ND	110245	2-2033-MI	113638	2-2143-DR-2	112240	2-2278-ND	110436
2-1930-ND	110421	2-2035-ND	113663	2-2144-DR	112899	2-2281-LU	110565
2-1931-ND	111839	2-2036-ND	110447	2-2144-DR-2	112899	2-2282-LU	112136
2-1937-BO	113587	2-2037-HI	110616	2-2145-ND	111765	2-2283-BO	110521
2-1938-MT	113390	2-2038-LU	110438	2-2145-ND-9	111765	2-2284-BO	110520
2-1939-MT	113400	2-2041-BO	111755	2-2147-9	111915	2-2285-BO	112037
2-1940-MT	113398	2-2042-BO	112173	2-2151-9	111918	2-2288-FD	113728
2-1941-MT	110312	2-2047-ND	113172	2-2167-HI	111766	2-2289-FD	113729
2-1943-ND	113242	2-2050-ND	113630	2-2168-HI	112008	2-2292-LU	110819
2-1943-ND-2	113242	2-2053-MI	113047	2-2169-ND	111845	2-2293-LU	110462
2-1945-BO	112321	2-2054-DR	112902	2-2171-01ER	111732	2-2294-VA	113478
2-1946-BO	111855	2-2054-DR-1	112902	2-2175-UT	111012	2-2295-LU	110464
2-1948-HI	112373	2-2054-DR-2	112902	2-2178-MT	111927	2-2296-LU	110444
2-1949-MI	113615	2-2057-ND	113314	2-2179-MT	111924	2-2297-BO	110524
2-1951-NK	112649	2-2058-ND	113314	2-2179-MT-9	111924	2-2298-BO	113534
2-1951-NK-1	112649	2-2060-ND	113620	2-2180-MT	111920	2-2299-BO	112670
2-1952-MI	111971	2-2062-HI	111382	2-2180-MT-9	111920	2-2300-LU	110442
2-1953-FD-1	112206	2-2068-VA	111851	2-2181-MT	111921	2-2301-LU	110443
2-1953-FD-1	113224	2-2071-ND	113892	2-2181-MT-9	111921	2-2302-LU	110439
2-1954-DR	112241	2-2073-UT	111043	2-2182-MT	111923	2-2303-LU	112660
2-1954-DR-2	112241	2-2074-UT	110645	2-2182-MT-9	111923	2-2304-LU	111573
2-1956-FD	113218	2-2075-UT	110241	2-2183-9	113527	2-2307-MD	113735
2-1956FD-1	113223	2-2076-UT	110648	2-2183-MT	113527	2-2311-HI	111276
2-1956-FD-1	113223	2-2077-UT	110649	2-2184-MT	111926	2-2318-HI	112371
2-1958-ND	113649	2-2078-UT	110240	2-2185-MT	111925	2-2320-HI	113733
2-1959-ND	113434	2-2079-ND-2	113214	2-2186-MT	111922	2-2321-HI	113191
2-1960-ND	110938	2-2079-UT	110644	2-2186-MT-9	111922	2-2322-DR	111699
2-1960-ND	110940	2-2080-UT	110647	2-2187-9	111928	2-2322-DR-2	111699
2-1963-MI	111275	2-2081-UT	110650	2-2194-25	112312	2-2323-DR	113679
2-1965-DR	112908	2-2082-UT	110636	2-2195-UT	112567	2-2323-DR-2	113679
2-1965-DR-1	112908	2-2083-UT	110949	2-2197FD	113762	2-2325-BO	110813
2-1965-DR-2	112908	2-2084-BO	111769	2-2197-FD	113762	2-2331-ND	113704
2-1966-MI	111349	2-2085-BO	112074	2-2197-FD-2	113762	2-2333-ND	110942
2-1968-MI	111730	2-2086-MI	111300	2-2197-ND	112276	2-2335-ND	110961
2-1969-MD	113638	2-2087-MI	112323	2-2198-FD	111374	2-2340-LU	110460
2-1970-MD	113521	2-2087-MI-1	112323	2-2200-DR	112906	2-2341-BO	112429
2-1971-ND	113629	2-2088-MI	111005	2-2203-ND	113172	2-2342-MI	113642
2-1972-ND	113244	2-2090-MI	110421	2-2204-BO	111855	2-2347-DR-1	113550
2-1973-BO	112013	2-2095-DR	112906	2-2207-DR	112169	2-2355-BO	111851
2-1974-BO	111900	2-2095-DR-2	112906	2-2207-DR-1	112169	2-2355-BO	112440
2-1975-BO	112005	2-2099-ND	113132	2-2209-ND	111197	2-2355-BO-1	111851
2-1977-BO	110847	2-2100-HI	111247	2-2211-DR	112902	2-2355-BO-1	112440
2-1979-BO	112818	2-2101-MI	113210	2-2211-DR-2	112902	2-2357-DR-1	113682
2-1981-ND	113120	2-2102-MI	111272	2-2212-ND	113810	2-2375-DR-1	113827
2-1981-ND-2	112120	2-2103-MI	111913	2-2214-ND	112489	2-2377-DR	113826
2-1983-ND	113619	2-2104-ND	110474	2-2215-FD	113703	2-2400FD	113814
2-1984-ND	112367	2-2105-ND	110580	2-2217-FD	113813	2-2401-BO	113613
2-1987-BO	112013	2-2106-ND	110581	2-2220-MI	113194	2-2403-BS	113853
2-1988-BO	111848	2-2107-ND	110720	2-2227-MI	111703	2-2413-UT	110648
2-1989-MD	113020	2-2108-ND	113130	2-2228-MI	113140	2-2432-UT	113593
2-1990-MD	113020	2-2111-DR	112903	2-2229-MI	110576	2-2548-ND	113730
2-1991-MI	112300	2-2111-DR-2	112903	2-2230-HI	110723	2-2553-BO	112534
2-1992-MI	113616	2-2112-DR	112241	2-2231-HI	110723	2-2569-MI	112177
2-1993-MT	113393	2-2112-DR-2	112241	2-2232-ND	113206	2-2609-BO	113468
2-1994-BO	113387	2-2113-DR	112904	2-2233-HI	113675	2-2640-FD	112821
2-1996-MI	110572	2-2113-DR-2	112904	2-2235-HI	110574	2-2642-UT	113015
2-1997-BO	111911	2-2114-DR	112907	2-2237-MI	112342	2-2646-ND	113597
2-1999-DR	112239	2-2116-BO	111909	2-2237-MI-1	112342	2-2656-ND	112547
2-1999-DR-2	112239	2-2123-UT	111700	2-2238-ND	111387	2-2662-ND	113809
2-2000-MT	113394	2-2124-UT	110510	2-2239-ND	113239	2-2663-UT	113594
2-2001-DR	113550	2-2125-UT	110510	2-2243-UT	113476	2-2685-MT	113821
2-2002-BO	111030	2-2126-UT	113014	2-2244-UT	112832	2-2687-LU	110465
2-2003-MI	113618	2-2127-UT	111701	2-2245-UT	112568	2-2687-LU-1	110465
2-2006-HI	110412	2-2128-UT	111702	2-2246-UT	112831	2-2688-ND	113231

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2-2696-MI	113795	50-160-1	112243	50-8410	110604	<b>YAMAHA</b>	
2-2705-ND	110485	50-160-2	112243	50-8416	111760	114361-77010	112478
2-2709-ND	113214	50-161	111224	50-8417	112268	114361-77011	112478
2-2723-MI	113819	50-161-1	111224	50-8418	112652	1UY-81800-50	113545
2-2724-MI	113775	50-162	112255	50-8419	112653	1UY-81800-51-00	113545
2-2746-ND-2	113828	50-162-1	112255	50-8419-1	112653	1UY-81890-00-00	113545
2-2756-UT	113017	50-171	111034	50-8420	112267	1UY-81890-11	113545
2-2761-DR	113811	50-171-9	111034	50-8421	111760	1YW-81800-50	113545
2-2761-DR-2	113811	50-172	112911	50-8422	111221	1YW-81800-50-00	113545
2-2777-BO	113815	50-172-9	112911	50-8423	111222	1YW-81800-51-00	113545
2-2804-DR	113550	50-173	111127	50-8424	112269	2HR-81800-50	113545
2-2804-ND	112089	50-176	112913	50-8425	112253	2HR-81800-51-00	113545
2-2805-DR	113916	50-176-9	112913	50-8425-1	112253	2HR-81800-52-00	113545
2-2806-DR	113915	50-178	112847	50-8426	110602	3GH-81800-01-00	113547
2-2807-DR	113918	50-179	112898	50-8426-1	110602	42X-81800-60-00	113540
2-2855-UT	113854	50-180	112904	50-8428	112667	4SH-81800-00	113545
2-2891-MI	113830	50-181	112897	50-8428-1	112667	4XE-81800-00-00	113547
2-2911-UT	110654	50-183	111034	50-8430	113007	55X-81800-50	111928
2-3000-BO	113181	50-185	110216	50-8431	112268	55X-81800-50-00	111928
2-3005-BO	113900	50-186	112240	50-8432	113010	55X-81800-51	111928
2-3030-BO	111332	50-188	112904	50-8433	113435	55X-81800-51-00	111928
2-3071-BO	113277	50-189	112898	50-8434	111760	59V-81800-00-00	113547
2-3076-BO	111638	50-191	111127	50-8436	112668	59V-81800-51-00	113547
2-3189-BO	113182	50-191-9	111127	50-8437	112267	5A8-81800-10-00	113541
23-233-31-2	112932	50-192	113153	50-9100	110525	5A8-81800-60-00	113541
31-100	112413	50-192-1	113153	50-9100-1	110525	63M-81800-00	112011
48-0955	110636	50-193	113125	50-9101	110529	64X-81800-00-00	111917
49-0955	110636	50-193-1	113125	50-9101-1	110529	65W-81800-00	112829
50-100	110436	50-194	113126	50-9103	110536	65W-81800-01	112829
50-100-1	110436	50-194-1	113126	50-9104	110551	65X-81800-50-00	111928
50-100-2	110436	50-200	110232	50-9105	110522	676-81800-10	114261
50-103	110999	50-201	112963	50-9105-1	110522	67C-81800-00	112829
50-103-1	110999	50-205	112965	50-9106	110523	67C-81800-00-00	112830
50-103-2	110999	50-207	112016	50-9107	111004	697-81800-10	114261
50-104	111000	50-213	112966	50-9108	110517	697-81800-11	114261
50-104-1	111000	50-217	112584	50-9109	110536	697-81800-12	114261
50-104-2	111000	50-217-1	112584	50-9109-1	110536	697-81800-13	114261
50-105	112341	50-218	111370	50-9110	110523	6E5-81800-10	111766
50-105-9	112341	50-218-1	111370	50-9110-1	110523	6E5-81800-11	111766
50-108	112089	50-219	113216	50-9112	110537	6E5-81800-12	111766
50-108-1	112089	50-220	112030	50-9115	110534	6M6-81800-10	111917
50-108-2	112089	50-220-1	112030	50-9117	110206	J38-81100-00	113147
50-109	110346	50-221	111844	50-9120	110531	J38-81100-11-00	113147
50-111	110347	50-222	113222	50-9122-1	110518	JN6H1100	113145
50-111-1	110347	50-223	113225	50-9123	113465	<b>YANMAR</b>	
50-111-2	110347	50-224	113217	50-9124	110536	119836772002	113401
50-113	113123	50-225	113220	50-9124-1	110536	015125-53001E	112178
50-113-1	113123	50-226	113223	50-9200	110462	104211-77010	112296
50-114	111786	50-227	113218	50-9200-1	110462	104211-77011	112296
50-116	110414	50-228	112592	50-9303	110529	114211-77010	112296
50-121	110221	50-229	113224	50-9900	110640	114362-77010	112478
50-124	110221	50-230	113221	50-9903-9	110449	114362-77011	113690
50-125	110221	50-232	112235	61-6955	110636	119131-77010	110723
50-127	112911	50-233	112340	7977N	110502	119209-77010	110485
50-131	112909	50-234	111374	90-29-5076	110628	119225-77010	112373
50-131-9	112909	50-238	113226	90-29-5122	113063	119225-77011	112373
50-133	110221	50-239	112586	90-29-5127	110681	119226-77010	112373
50-139	112910	50-240	111183	91-25-1089	113614	119233-77010	112373
50-139-9	112910	50-241	112646	A85955	110636	119254-77200	110374
50-141	110221	50-8101	110160	S-1193-HI	110573	119256-77010	110485
50-150	110436	50-8101-1	110160	S-5238	113815	119285-77010	110485
50-150-1	110436	50-8101-8	110160	<b>VAUXHALL → OPEL</b>			
50-150-2	110436	50-8102-1	110617	<b>YALE</b>			
50-151	111000	50-8102-8	110617	1500145-04	111495	119620-77010	111087
50-151-1	111000	50-8103-9	110280	2200071-43	113172	119620-77201	110620
50-151-2	111000	50-8104-9	110412	2200071-46	111190	119620-77202	110620
50-151-3	111000	50-8106-1	110616	2200071-47	110626	119624-77201	113401
50-152	110999	50-8106-9	110616	2690027-70	111495	119626-77010	114197
50-152-1	110999	50-8200-2	110626	5059605-60	111495	119626-77011	114197
50-152-2	110999	50-8300-8	113128	5059765-79	111495	119631-77011	112291
50-153	112089	50-8401	112341	5800009-90	111495	119773-77010	113207
50-153-1	112089	50-8402	112341	5800268-29	113694	119773-77200	113715
50-153-2	112089	50-8402-2	112341	8000456-00	111495	119836-77200	113401
50-154-9	111221	50-8403	110602	9005928-4	110283	119836-77201	113401
50-157-9	112267	50-8404	110590	9005958-01	110283	119836-77202	113401
50-159	111224	50-8406	111041	9005958-24	110283	119836-77203	113401
50-159-1	111224	50-8406-1	111041	9019488-01	111495	121120-77010	110485
50-159-2	111224	50-8406-2	111041				
50-160	112243	50-8407	112267				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>YANMAR</b> <i>Continued</i>							
121120-77011	110485						
121120-77012	110485						
121254-77010	112374						
121254-77011	112374						
121254-77012	112374						
121254-77019	112374						
121400-77201	112270						
121450-77010	110417						
123900-77010	114098						
123900-77210	112671						
123910-77210	114262						
124070-77010	112674						
124080-77201	112270						
124190-77010	113661						
124190-77011	113661						
124395-77010	110417						
124450-77010	110485						
124520-77010	110485						
124520-77011	110485						
124520-77012	114400						
124772-77010	110485						
124976-77011	110485						
126486-77010	112371						
126486-77011	112371						
128170-77010	111706						
128170-77010D	111706						
128171-77200	112270						
128270-77200	112270						
128270-77201	112270						
129129-77010	110485						
129136-77010	112374						
129240-77200	113742						
129242-77010	114281						
129400-77011	112374						
129400-77012	112374						
129407-77010	110485						
129423-77200	113742						
129486-77011	112371						
129573-77010	110485						
129608-77010	113408						
129612-77230	113401						
129685-77011	114213						
129685-77011	114253						
129698-77010	113408						
129772-77200	113793						
129900-77010	112676						
129900-77211	114209						
129930-77210	113401						
129953-77010	112672						
129953-77019	112672						
171022-77010	110486						
171022-77011	110486						
171058-77010	112374						
55X818-0051	111928						
6E5818-0011	111766						
6M6818-001000	111917						

## STARTERS & ALTERNATORS



# Index

Edition 2013/2014





HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
110043	8, 51, 54, 119, 189, 204, 219, 245	110178	8, 85, 89, 91, 119, 142, 169, 190, 246	110274#	61	110383#	106, 170
110048	8, 189, 242, 245	110179	91, 142, 190, 198, 204	110277	386, 449	110385	106, 170
110052	189, 204, 242, 245	110182	449	110278	386, 450	110386	387
110060	541	110205	284, 326, 332, 368, 397, 437, 475, 489, 519	110279	285, 386, 450, 475	110389	341, 451, 474, 520
110061	541	110206	284, 326, 332, 368, 397, 437, 489	110280	386, 450	110394	286, 451, 475, 490, 520
110064	541	110207	284, 326, 332, 368, 437, 489	110283	285, 450	110396	341, 427, 475
110074	56	110208	284, 326, 368, 437, 489	110290#	340	110397	341
110075	219	110209	284, 332, 368, 437	110291	450	110399	341
110076	189, 245	110210	284, 326, 332, 368, 397, 437, 489	110292	450, 475	110400#	341
110077	8, 51, 189, 204, 245	110211#	284, 326, 368, 437, 489	110295#	341, 450	110402	342, 475
110105	8, 119, 189	110212	284, 368, 397, 437, 489	110300	219	110405#	170
110107	106, 142, 189, 204, 245	110213	285, 368, 397, 427, 437, 489	110307	106, 170	110406#	170
110112	8, 54, 189, 219, 242, 245	110214	285, 326, 332, 368, 437, 489	110308#	387, 450	110408	191, 199, 205
110113	8, 51, 119, 189, 245	110216	489, 519	110310#	387, 450	110409	286, 397, 490
110116	8, 51, 54, 189, 245	110218	489	110311#	450	110411	342, 451
110117	8, 119, 189, 245	110221	490	110312	341, 445	110412	387, 416, 469
110127	8, 119, 189, 204, 242, 245	110222	336	110315	416, 451, 519	110414	491
110128	106, 169	110223	336	110318	8, 170	110415	451
110129	106, 169	110224	374	110323	341	110417	387, 475
110131	106, 169, 190, 198	110225	374, 490	110325	219	110421	342, 416, 451
110133	91, 169	110226	374	110332	387	110422	199
110134	106, 169	110227	374	110336	285, 341, 374, 416, 519	110427	205
110136	169	110228	374	110337	285, 375, 416	110429	538
110137	61	110229	374	110338	368, 372, 397, 427, 437, 519	110433	538
110138	61, 198	110230	374	110341	285, 519	110434#	538
110139#	61	110231	336, 374, 490	110345	538	110436	491
110140	61, 169, 245	110232#	374	110346#	490	110437#	342
110142	386, 449	110233	204, 219	110347	285, 332, 490	110438	416
110144	366, 386, 449	110234	219	110348	8, 88, 89, 119, 140	110439	286, 366, 387, 398, 416, 476, 520
110145#	340, 386	110235	219	110349	88, 89, 140, 142, 219	110440	416, 427, 476
110149	284, 340, 449, 475, 519	110236	56	110350	88, 89, 119, 140, 142, 190, 219	110441	416, 476
110152	340	110237	91	110351	285, 397, 414, 437	110442	326, 398, 417, 427, 476
110153#	340	110238	91	110352	285, 368, 372, 414, 427, 438, 490	110443	286, 387, 417, 476
110154	340	110239	91	110354	519	110444	342, 417
110155	386, 449, 475	110240	475, 514	110355#	387	110445	62, 199
110156	386	110241	490, 514	110356	341	110447	342
110157	449	110245	340, 475, 519	110357	9, 119, 142, 190, 198, 204, 246	110448	106, 170
110158	340, 449	110246	340	110358	9, 85, 119, 191, 246	110449	326, 332, 398, 476
110160	386, 397	110248	61	110360	9, 120, 191	110450	332, 372, 476
110163	119, 165, 190, 246	110249	340, 386	110363	286, 416, 475, 519	110452	326, 332
110164#	198, 204	110250	61	110364	286, 490, 519	110454	286, 326, 333, 375
110168	106, 169	110253#	340	110365	286, 366, 369, 372, 397, 427, 519	110458	107
110170	91, 198	110256	449	110366	286, 366, 372, 397, 510, 520	110459	366, 417
110173	51, 190, 198, 204	110258	61	110367	286, 397, 416, 490, 520	110460	286, 417
110175	51, 119, 190, 198, 204	110260	340, 386	110371	9, 141, 191, 199	110461	287, 375, 398, 417, 427, 438, 476
110176	51, 190, 198	110264	106, 169	110374	62	110462	287, 366, 375, 387, 398, 417, 427, 438, 476
110177	190, 198	110267	106			110464	398, 417, 427, 438, 476
		110273	61			110465	287, 375, 417
						110467#	387
						110468	491
						110469	491

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
110471	220	110530	288, 399, 428, 439, 492	110594#	537	110679	63
110472	491			110601	537	110680	63
110473	342	110531	288, 333, 369, 493	110602	327, 469, 477, 494	110681	63
110474#	342					110682	63, 205, 221
110477#	387	110532	288, 369, 439, 493	110604	469, 478, 494	110683	63
110479	451, 520			110607	91, 142, 153, 205	110684	63
110482	282	110533	288, 369, 493			110685#	63
110483	282	110534	288, 369, 439, 493	110608	370, 400, 429, 494	110686	63
110484	282					110687#	171
110485	342, 388, 491	110535	288, 327, 369, 375, 399, 439, 493	110611	88, 89, 153, 221	110689#	92, 171, 205
110486	342					110691#	171
110487	191, 199	110536	289, 369, 399, 418, 428, 439, 477, 493	110612	9, 88, 89, 142, 153, 205, 221	110692	171
110488	191, 199			110615	290, 400, 418, 429, 440, 478	110693	107, 171, 206
110490	342, 418					110694	107, 247
110491	491	110537	289, 399, 493	110616	388, 511	110696#	63, 107, 171
110492	220	110538	289, 327, 493	110617	388	110697	107
110493#	326, 333	110539	289, 493	110618	9, 246	110699	107, 247
110496	62	110540	205, 246	110619	9, 153, 246	110700	107
110497	9, 280, 142, 205	110542	165	110620	62	110701	107, 206
		110544	221	110621	165	110702	108, 172
110498	199, 220	110545	289, 369, 399, 418, 428, 439, 477	110622	165	110703	108, 221
110499	220			110624#	290, 372, 440	110706	108, 247
110500	220	110550	289, 370, 439	110626	343	110707	108
110502	220	110551	289, 370, 400, 439, 493	110627	343, 478	110708	343, 478
110503	220			110628	62	110709	343
110504	220	110552	289, 388, 477	110629	62	110712#	343
110505	220	110555	469	110630	107, 142, 170	110713	343
110506	491	110556	469	110631	107, 170	110717#	388, 452
110507	342	110557#	469	110632	107, 170, 205	110718#	388
110508	221	110560	469	110634	325, 514	110719	388
110509	336, 375, 491	110562	202	110635	325	110720	343, 419
110510	514	110563	62	110636	336, 478, 514	110721	328
110511	537	110564	62	110637	290, 512	110723	389
110512	537	110565	289, 366, 388, 400, 418, 477, 493, 520	110639	240	110724	221
110514	56			110640	290, 400, 418, 510	110726#	9, 143, 191
110517	287, 327, 398, 427, 438, 476, 492	110566	327, 333, 372	110641	9, 120, 142, 165	110730	9, 120
		110567	107			110735	10, 191
110518	287, 327, 333, 398, 418, 427, 438, 476, 492	110568	469	110643	51, 205	110743	10, 85, 89, 120, 191, 247
		110569	493	110644	478, 514	110744#	85, 191, 206, 247
110519	287, 398, 428, 438, 492	110572	451, 477	110645	478, 514	110745	85, 89, 242, 247
		110573	343, 388	110647	478, 514		
110520	287, 369, 398, 428, 438, 492	110574	388	110648	478, 514	110751	10
		110575	388	110649	478, 514	110754#	85, 89, 120, 191, 206, 242, 247
110521	287, 398, 428, 438, 492	110576	451, 520	110650	515		
		110577	280	110654	515	110759	10, 89, 92, 143, 172, 191, 206, 247
110522	287, 369, 398, 428, 438, 492, 520	110578	451, 520	110656	470		
		110580	343, 388, 469	110657	202	110761	10, 120
110523	287, 327, 369, 399, 418, 438, 477, 492	110581	343	110659	143, 170, 221, 246	110766	10, 120, 143, 192, 247
		110582	289, 327, 370, 439, 494			110767	10, 192
110524	287, 327, 333, 399, 418, 428, 438, 477, 492	110583#	343	110660	170, 246	110769	192, 206, 247
		110584	290, 366, 375, 400, 451, 520	110662	171	110770	92, 120, 143, 153
110525	288, 327, 333, 399, 418, 439, 492	110585	290, 366, 400, 428, 451, 477, 520	110663	91, 171, 205, 246	110771	290, 375, 419
				110664	91, 171, 205, 246	110772	290
110527	288, 327, 333, 399, 477, 492	110587	290, 366, 400, 439, 477, 521	110666	171, 246	110774#	290, 366, 372, 452, 521
				110667#	171		
110529	288, 333, 369, 399, 428, 439, 477, 492, 510	110588#	494	110672	171	110775	290
		110590	327, 415, 469, 494	110675	62	110790#	372, 521
				110676#	62		
		110591	221	110677#	62		
				110678	62		

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
110793	290, 366, 372, 400, 479, 521	110880	11, 120, 153, 248	110962	344	111032	88, 154, 223
110799#	494	110881	11, 120, 153, 165, 206	110965	64	111034	496
110800	202	110882	11, 63, 120, 143, 153	110967	64	111035	13, 121, 144, 154, 165, 173, 223, 250
110801	10, 63, 141, 221, 247	110887	11, 242, 248	110968	51, 88, 89, 121, 143, 280, 173, 193, 207, 250,	111036	88, 121, 154, 223, 250
110802	172, 221, 247	110889	51, 192, 206, 248	110969	90, 143, 280, 193, 207,	111041	328, 420, 470, 480, 496
110803#	10, 172, 248	110890	11, 120, 143, 153, 192, 222, 248	110970	121, 144, 193, 280	111042	64, 173
110804	143, 172, 248	110891	11, 92, 121, 143, 153, 192, 206, 248	110971	12, 85, 121, 144,	111043	440, 468, 480, 515
110805	172, 248	110895	11, 51, 121, 206, 248	110972	12, 144, 280, 207, 222,	111046	294, 370, 496
110806	172, 248	110896#	11, 249	110975	13, 280, 144, 193, 199, 207, 280,	111047	295, 402, 420, 480, 522
110807	389, 400, 452, 479, 494, 521	110897#	85, 192, 242, 249	110976	280,	111048	64, 207
110808	452, 494, 521	110899	11, 153	110977	144, 280, 207, 293, 328, 370, 401, 440, 495	111049	496
110809	419, 452, 521	110902	11, 121, 249	110978	222	111050	470
110810	375, 452, 521	110905#	249	110984	222	111051	202
110811	452, 521	110906	12, 121, 249	110985	222	111052	295, 522
110812	291, 429, 494	110907	172	110986	56, 222	111053	295, 345, 376, 420, 523
110813	291, 400, 419, 429, 440	110908	192, 249	110990#	13, 193, 207, 250	111054	295
110814	291, 400, 419, 429, 495	110911	12, 153, 192, 206, 249	110991	85, 154, 223	111055	295, 402, 480, 496, 523
110817	419, 479	110912	12, 154, 206, 222, 249	110993	13, 250	111056	295, 402, 480, 496, 523
110818	291, 401, 419, 429, 440, 479, 521	110913	12, 85, 121, 154, 192, 199, 207, 222, 249	110996	293	111058	295, 389, 402, 430, 523
110819	291, 401, 419, 429, 495	110914	12, 222	110997	293	111059	295, 389, 402, 440, 523
110820	389, 479	110916	12, 85, 193, 207, 242, 249	110998	293, 328, 333, 376, 479	111060	295, 402, 440
110824	291, 389, 452, 521	110919	12, 121, 193	110999	294, 344, 453, 479, 495, 515	111061	295, 480
110825#	291, 429, 440	110920	12, 85, 89, 121, 249	111000	294, 328, 333, 453, 480, 495	111063	296, 523
110826	291, 372, 429	110921	207, 249	111001	294, 401, 430, 440, 495	111064	296, 367, 402, 523
110831	291, 343, 375, 419	110923	12, 154, 222, 250	111003	294, 496	111065	296, 402, 474, 496, 523
110835	291, 521	110925#	12, 143, 193, 207, 222	111004	294	111066	296, 367, 523
110836#	291, 429, 522	110927	63, 172	111005	453	111068	296, 367, 402, 523
110837#	291, 452, 522	110931	242, 250	111006#	344	111069	296, 402
110838	292	110932	293, 370, 440, 495	111007	496	111070	296, 402, 441, 453, 523
110839	292, 401, 495	110933	453	111009	165	111071	86, 193, 250
110840	292, 375, 419	110934	344, 479	111010	294, 389, 430	111072	13, 86, 193, 250
110842	292, 376, 419	110937	141, 199, 222	111012	515	111074#	13, 193, 207
110844	292	110938	344	111015	294, 401, 430, 522	111075	13, 86, 122, 194, 251
110847	292, 401	110940	344	111017	64	111076	13, 86, 122, 165, 173, 251
110851#	292, 376	110941	344, 420	111018	64	111078	13, 86, 90, 122, 144, 154
110854	430	110942	344	111019	470	111080#	420, 453, 480
110856	367, 372, 401, 452, 522	110944	344	111020	470	111082	13, 86, 122, 154, 251
110858	292, 479	110947	453, 479	111021	345, 480	111083#	13, 122, 154, 194
110860#	367, 522	110949	515	111022#	345	111085	14, 122, 154, 251
110862	292	110952	222	111023	389	111086	14, 86, 88, 92, 122, 144, 165, 194, 251
110864	292, 479	110953#	495	111024	328, 334, 480	111087	345
110865	292, 452, 522	110956#	172, 250	111025	294, 367, 370, 401, 430, 480, 496, 522	111088	345, 430
110866	367, 401, 479, 510, 522	110957	172, 193, 250	111028#	345		
110867	293, 376, 401, 420, 430, 440	110958	453, 522	111029	294, 402, 522		
110868	293, 376, 420	110959	199, 250	111030	294, 345, 376, 420		
110869	293	110961	344				

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
111090	223	111166	15, 123, 208, 223	111232	224	111304	298, 403
111091	538,			111235#	108	111305	454, 525
111092	538,	111168	16, 123, 165, 223, 252	111236#	108	111306	482, 525
111093	14, 122, 223, 251	111169	16, 223	111237	173, 208, 253	111307	525
111094	14, 122, 251	111170	16, 123, 165	111238	173, 208	111308#	109, 174, 208, 224, 253
111095	14, 251	111171	86, 123, 194, 252	111240	173		
111096	14			111241	421, 441, 454, 481, 525	111309	145, 174, 209, 253
111097	328, 334	111172#	86, 123, 252	111242#	454, 482, 525	111310	346, 421, 431, 454, 482
111098	389	111173#	173, 252	111243	173		
111100	296, 328, 367, 373, 403, 523	111175#	123, 173, 208, 252	111246#	454, 525	111311	454
111102	376, 420	111176	92, 123, 144, 194, 208	111247	390	111312	299, 390, 455, 482
111103	296, 420			111249	298, 370, 441, 498	111314	174, 209, 253
111104	296, 367, 430, 524	111178	16, 223	111250	224	111315	93, 145, 174, 224
111106	296, 367, 430, 524	111179	252	111251	298, 403, 454, 482, 525	111316	109
111107#	296	111180	16, 123, 155, 194, 223			111317	93, 174, 209
111108	453, 481	111182	345, 389, 453	111252	92	111318	17, 124, 174, 253
111109	297, 403, 420, 524	111183	377	111254	421, 470		
111112	297	111184	92, 144	111258	498	111319	209, 253
111114	336, 524	111185	145, 194	111259	336, 498	111321	17, 124, 209, 253
111115	297, 524	111186	108, 123, 208	111260	498		
111117	420, 430, 481	111187	108	111261	16, 224	111322#	209, 253
111118	297, 421, 430	111189	345	111262#	346	111325	124, 253
111120	297, 389	111190	497	111264	108, 173, 224	111326	253
111122	497	111191#	56, 64	111265#	108	111327	254
111123	297, 403, 497, 524	111192#	56, 64	111266	108	111331	254
111124	524	111193	56, 64	111267	108	111332	299, 404, 441, 525
111125	297, 524	111194	56, 64	111268	16		
111127	297, 481, 497, 524	111195	64	111269	298	111333	455, 525
111129	297, 524	111197	345	111270	298	111334	525
111130	297, 403, 481, 524	111199	92	111272	454, 482	111335	526
111131	297, 345, 377, 403, 421, 431, 524	111200	92	111273	454	111337	174, 209
111136	389, 481	111202#	224	111274	390, 482	111339	145, 174
111138	14, 86, 90, 154, 223	111204	280,	111275	454	111342	175
111139	14, 242	111207	538	111276#	390	111343#	254
111141	14, 122, 194, 251	111208#	297	111277	498	111344	175, 254
111144	86, 194, 242, 251	111209	298	111278	65	111346	299, 421, 431, 482
111146	14	111211#	298, 525	111279	16, 65, 173		
111147	14	111212	470	111280	16, 145, 208	111347	299, 431, 526
111148	15, 88, 122, 144, 155, 251	111214	441, 481	111284	431	111349	336, 455
111149	15, 208	111215	64, 123	111285	65, 174, 224	111350	537,
111152	15, 251	111216	16, 166, 208, 224	111286	328	111352	17, 124, 254
111153	15, 155, 252	111217	298, 403, 431, 497	111287	16, 123	111353	17, 124, 166, 209, 254
111154	15, 122, 252	111218	298, 370, 403, 441, 481, 497	111288	16, 124, 253		
111155#	15, 243, 252	111219	298, 370, 441, 481, 497	111289	17, 90, 93, 124, 145, 155, 166, 174, 194, 253	111354	17, 124, 254
111156	15, 194, 252	111220	224			111355	17, 52, 124, 145, 155, 209, 254
111157	15	111221	415, 470, 481, 497	111290#	109	111356	17, 93, 124, 145, 209
111160	15	111222	470, 497	111291	109		
111163#	15, 123, 252	111223	224	111292#	17, 93, 174	111360#	93, 145, 209
111164	15	111224	346, 377, 403, 498	111293	17, 93, 124, 174	111361	145, 209
		111225	282	111294	109, 208	111362	17, 93, 124, 146, 166, 195, 254
		111226	243, 252	111295	51, 54, 208		
		111228	403, 431, 481	111296	52	111363	146, 155
		111231	298, 328, 370, 403, 441, 481, 498, 525	111298	17	111364	18, 93, 109, 125, 146, 155, 224
				111299	346		
				111300	298, 377, 454, 482	111366	18, 146
				111303	390, 421, 431, 454	111367#	93, 146
						111368	93, 125, 146, 155, 166



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
111369	18, 125, 254	111449#	347	111530	56, 176	111620	19, 126, 156
111370	377	111451	347, 455	111532	256	111621	88, 156, 225, 256
111372	175	111452	390, 455	111534	391, 483	111622	349
111374	377, 455, 535	111454	347	111535	176	111623	94, 147, 156, 211
111375	175	111455	347	111536	66	111624#	256
111376	175	111456	299, 336, 347, 455	111537	66	111625	156
111381	109			111538	66	111626	147, 176, 211
111382	390	111458#	347, 445	111539#	19	111627	176
111383	498	111459	390, 455	111543	348, 445	111629	19, 52, 54, 126
111384	109, 175	111461	404, 455, 526	111544	348	111630#	432
111385	346, 421	111463	347	111546	348, 445	111631	19, 126, 147, 256
111386	346	111464	347	111548	348	111633	156, 211
111387	346	111466	538,	111549	391, 456	111634#	391, 457
111388	50, 225	111467	109	111550	348, 421	111636	300, 334
111389	225	111468	18, 65	111551#	348	111637	300
111390#	225	111469#	176, 210	111552	348, 456	111638	300, 329, 334, 404
111392#	225	111472#	455	111554	348	111640	300, 329, 404, 498
111393	470	111473#	390, 455	111556#	349	111641	300, 404, 526
111395#	93, 175	111475	300, 456	111557	456	111645	512
111396	299, 336	111476	456, 526	111558	391	111646	512
111397	243, 254	111477	18, 94, 125, 166, 210, 255	111559	391	111647	225, 257
111398	404			111560#	349, 391, 456	111649	19, 126
111399	299, 329, 498	111478	18, 255	111561	349	111652	19, 126, 195, 200, 211
111400	299, 431	111479	19, 125, 255	111562	456	111653	19, 195, 257
111401#	346, 482	111480	65	111564	349	111654	126, 156, 226
111402	254	111482	65	111565	456, 526	111656	20, 195, 226, 257
111403	18, 86, 125, 255	111483	65	111566#	391	111658	147, 257
111404	526	111484	66	111568	52, 156	111659	257
111405	255	111485	456, 482	111569	146, 210	111661#	126, 257
111406	175, 225, 255	111486#	56, 225	111573	300, 422, 483	111662	20, 126, 166
111408#	175, 195	111487	200	111574	329, 422, 483	111667	20, 211
111409	155	111488#	391, 456	111575	195, 200	111670	20
111411	155, 255	111489	300	111576	195, 200	111675#	20, 126
111413	155	111490	300, 336	111577#	66	111676	20, 211, 257
111416	18, 155	111491	176, 210, 255	111578	54, 66, 176, 210	111678	68
111418	18, 125, 146, 156, 225	111492	300, 337, 348	111579	66, 146	111679	349, 483
111419	18, 125, 195, 255	111493	109	111580#	66	111680	301, 377, 483
111420	431	111495	146, 176, 210	111582#	156	111681#	349
111421	299, 431, 482	111498	210, 255	111585	300, 371, 432	111682	349
111422	299, 404, 431, 526	111499	421	111586	391	111683	349, 391, 474, 526
111423#	299, 432	111500#	156	111587	176	111684	499
111425	299, 336, 346	111503#	255	111588	176	111685	301, 404, 432
111426	18, 125, 210, 225, 255	111504	541	111589	176, 210	111686	20, 126, 156, 166, 195, 226, 257
111427	18, 94, 175	111505	156	111594	66	111687	88, 126, 157
111428	65	111506#	391, 456	111595#	66	111688	157
111429#	65	111507	66	111596	67	111689	157
111432	65	111508	421, 456, 483, 526	111597#	67	111690	392, 404, 422
111433#	109, 175	111510	146, 195, 210, 256	111598	67	111692	110
111434#	175			111601	67	111693	301, 404, 432, 441
111435	65	111511#	125, 256	111602#	176	111694	301, 404, 527
111437	65	111512	256	111603#	67	111699	483, 499
111441#	390	111513#	210, 256	111605	67	111700	515
111442	347, 421, 445, 526	111514	19, 125, 225	111606#	67	111701	515
111445	390	111515	19, 109, 210, 256	111608	391, 422, 457		
111446	347	111517	66	111609	67		
111447	347	111518	66	111610	67		
111448#	390, 455	111519	66	111611	110		
		111520#	256	111613	67		
		111525	348	111614	110		
		111527	256	111615#	67		
		111528	19, 125, 256	111616	67		
		111529	56, 176	111619	300, 441, 483, 526		

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
111702#	515	111771	302, 405, 484, 499	111837	350	111910	303, 329, 405, 485
111703	457, 483	111772#	20	111839	350	111911	303, 350, 432
111704	110, 177	111775	258	111840	392	111912	457, 485
111705	68	111776#	258	111841	22, 127, 177, 259	111913	457, 485
111706	392	111777#	110	111842	22, 54, 128, 226	111915	350
111708	211, 226	111779	68, 177	111843	22, 128, 166, 213	111917	445
111709	499	111780	68	111844	377	111918	350
111710	147, 211, 257	111781	68	111845	350	111919	282
111711	211, 226	111782	68	111846	213, 227, 259	111920	351
111712	226	111783	350	111847	227, 259	111921	445
111713	226	111784	350	111848	302, 405, 484, 499, 527	111922	445
111714#	211, 257	111785	350	111849	457, 499, 527	111923	445
111716	257	111786	377, 484, 499, 527	111850	22, 128	111924	445
111718	147, 257	111787	212, 258	111851	302, 405, 484, 527	111925#	445
111719	258	111788	258	111854	227	111926	446
111720	258	111789#	512	111855	303, 405, 442, 484	111927	446
111722	258	111791	302	111857#	22	111928	351
111723	157, 258	111793	302, 499	111858	22, 166	111929	259
111724	301	111795	21, 68, 94, 127, 157	111859#	22, 54, 128	111931	304, 527
111725#	157	111796	68	111860	22, 213	111932#	259
111726	110, 177	111797	95, 127, 148, 177, 212	111861	538	111934	259
111728	457	111798	334	111862	543	111937	259
111729#	68, 211	111799#	21, 127, 212, 258	111863	543	111940	259
111730	377, 422, 457	111800	21, 127, 195, 226, 258	111864	543	111941#	260
111731#	392	111801#	21	111865	303, 350, 422, 432, 484	111943	260
111732	20, 126	111802	158	111871#	177, 213	111944#	260
111733#	20, 258	111803	110, 158, 258	111872	177	111946	260
111736	200	111804	325	111874	303, 350	111947	260
111737	422	111805	302, 392, 499	111878	23, 128, 167, 213	111948	129, 148, 195, 213, 260
111738	127, 147, 157	111806	177, 212	111883	23, 128	111950	68
111739	94, 147, 157, 211	111807	177, 212, 226, 259	111884	23, 128, 167, 213	111951	68
111740	94, 127, 147, 157	111808	52, 54, 212	111885	303, 405, 484	111952#	177
111741	20, 94, 147, 212	111810	54	111886	23, 52, 128, 213	111953	178
111742	94, 147, 157	111811	127, 140	111887#	23, 95	111955	110
111743	94, 148, 212	111812	21	111888	23, 128, 167, 213	111956	148, 178, 213
111746	20, 52, 127	111813#	21, 57	111890	23, 128, 259	111958#	110
111747	177, 212	111814	21, 57	111891	23	111959#	178
111748	301, 404, 422, 441, 483	111815	21, 57	111893	23	111960	69
111749	301, 405, 441, 483	111817	302	111894	23	111961	69, 214
111750	301, 377, 422, 432, 483	111820	21, 127, 166, 212, 259	111895	23	111963	69
111751	301, 484	111821#	302	111898	23	111965	69
111752	301, 405, 442, 484, 499	111823	302	111899	24, 128, 167	111966#	178
111754	94, 148, 157	111824	21	111900	303, 378, 405, 527, 535	111967	24, 260
111755	301, 405, 432, 442	111825	21, 166	111902	24, 128	111969	351
111756	157, 212	111826#	21, 213	111903	24, 129	111970	457
111759#	302	111828	22, 95	111904	303, 405, 484	111971	422, 457, 485
111760	471, 499	111830	68	111905#	303, 527	111972#	52, 54
111761	200	111831	110, 213	111906	303, 378, 432, 484, 527, 535	111975#	52, 55, 214
111762#	392	111832	177	111908	303	111976	52, 55, 214
111763	392	111833	22, 54, 127, 226	111909	303, 378, 405, 442, 485, 527	111978	24, 129
111764	337, 349	111834	22, 52, 127, 148, 226, 259			111980	24
111765	350	111835	484			111981#	304, 378
111766	392	111836	392			111982	329, 406, 422, 471, 499
111767	110, 212					111983#	304, 329, 500
111769	302					111984	304, 351
						111987	24, 129, 148, 260
						111988	24, 95
						111989	24, 129, 167, 260

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
111990	24, 214, 260	112075	25, 129, 167, 261	112143	69, 95, 159	112217	528
111991	24			112144	26, 261	112218	407, 528
111993	24	112076	26, 53, 130, 148, 227	112145	516	112221	307, 486
111994	304, 457, 527			112146	516	112224	307, 486, 528
111995	304	112077#	26	112149	26, 130, 262	112227	423, 458, 500, 528
111996	304, 422, 485, 527	112078	26, 158	112150	516	112228	111
		112079	26, 95, 130, 158, 167, 261	112151	95, 130, 149	112229	28, 215, 227, 262
111997#	25	112080	305	112152	543	112230	28, 131, 149, 243, 262
112002	25, 95, 110, 129, 260	112081#	178	112153	543		
112005	304, 406, 442, 485	112083	392	112154#	516	112231#	179
		112084	329, 334	112156	516	112232	501
112006	304, 351	112086	26, 111, 214	112157	516	112233	486, 501
112007	500	112087	26, 158, 214	112159	27, 53, 130, 141, 149, 200, 215, 227	112234#	28, 167
112008	392	112089	351, 378, 500			112235	379, 433, 535
112010	446	112090	329, 334, 485	112160	202, 227	112236	307
112011	446	112091	329, 334	112161	512	112237	149, 281, 215,
112013#	304	112092#	111	112162	130, 167, 196, 215, 262	112238	149, 159, 168, 215
112014	304, 485	112093	111				
112016	378	112094#	261	112163	423	112239	501
112017#	52, 55	112095	158	112164	423	112240	501
112019#	53, 55	112097	26, 55, 130, 148, 158, 196, 214, 227, 261	112165	130, 227	112241	501
112021	129, 148, 158			112166	306, 378, 486	112242	325
112022#	158			112167	306, 442	112243	501
112025	158	112098	26, 130, 167	112168	202	112244	516
112026	432	112100	95, 178, 261	112169	500	112246	352
112030	378	112101	69	112170	27, 130	112247	516
112031#	178	112102	69	112171	307, 407	112248	334
112033	351	112103	423, 458	112172	307, 423	112249	307, 407, 486
112034	304, 406, 432	112105#	485	112173	307, 407	112250	512
112035	167	112108#	261	112174	307	112251	379, 407, 423, 486, 501, 528, 535
112036	351	112109#	261	112175	307		
112037	305, 500	112110	196	112177	378, 458	112252	70
112038	25	112111	196	112178	458	112253	379, 415, 471, 486, 501
112039	305, 406, 433	112112	130, 148, 196, 215, 261	112181	69		
112040	305			112182	27	112254	501
112041	305, 406, 485	112113	261	112183	130, 262	112255	502
112042	25	112116	305, 329, 406, 500	112185	458	112256	502
112043	25, 129, 167			112189	27, 215	112258	352, 486, 502
112045	25	112117#	305, 330, 442	112190	27	112260	228
112046	25, 129, 214	112118	306, 330, 442, 500	112191	131, 140	112261	70, 228
112052	305, 485	112119	306, 330, 406, 442, 500	112193	27, 262	112262	228
112053	305, 406, 457, 528			112194	27, 131	112263#	228
		112120	306, 500	112195	27, 57	112264	228
112054	69	112121	95, 158	112196	27, 131	112265	228
112055	305, 329	112124	423, 433, 486	112197	27, 131, 262	112267	307, 330, 379, 407, 433, 458, 471, 486, 502
112056	25, 129, 214, 227	112125	306, 433	112198	27, 95		
		112126#	227	112199	149, 262	112268	471, 502
112057	260	112127#	178	112202	159	112269	471, 502
112058	148, 214, 261	112128	149, 179	112203	159	112270	111, 179, 215
112059	261	112129	179	112205	149, 179	112271	111, 131
112062	25, 129	112130	486	112206#	111, 215	112272	111
112063	69	112131	306, 406, 442	112207	27, 215	112273	28, 131, 262
112065	178	112132	306, 406	112208#	111, 179	112274	28, 131, 168, 262
112067	111, 178	112133	306, 407, 442	112209	28	112276	352, 379, 458
112068	178, 214	112135	306, 407	112210	179	112277	423, 433, 486
112069	178, 214	112136	407, 423, 433	112211	70	112286	307, 379, 407, 443, 528
112071	305, 406	112137#	538	112212#	70		
112072	25, 69	112138#	538,	112213#	351, 446	112287	262
112073	25	112140#	538,	112214	351, 446, 528	112288	28
112074	305, 378, 406, 442	112141	306, 423	112215	458		
		112142	69, 95, 158	112216#	392		

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
112289	308, 433, 528	112354#	180	112439	309, 487	112528	181
112290	308, 379, 407, 528, 535	112355	180	112440	309, 529	112529	31, 133, 150, 265
112291	393	112356	70	112441	309, 487	112530	31, 133, 265
112292	262	112357	70	112442	309, 443	112531	70, 181
112294	200	112358	70	112444	309	112532#	31, 133, 265
112295	308, 407, 458, 528	112359	180, 216	112445	309	112533	310, 434, 487
112296	393	112360	70	112447	57, 229	112534	310, 409
112297	179, 215, 228	112361	180	112448	229	112535	31, 133, 265
112298	96, 131, 179, 263	112362	180	112449#	229	112536	310, 352, 380, 424
112299	131, 179, 263	112363	70	112450#	31	112537	310, 434
112300	458	112365	393, 502	112453	31, 132	112538#	31
112301	337, 458	112366#	352, 487	112454	309	112539	31, 133
112302	28, 131	112367	352, 424	112455	309, 434	112540	159
112303	228	112368	459, 487	112456#	31	112541	310, 529
112304	408, 414	112369	352	112457	132, 181	112542	311
112306	308, 408, 443	112370	459	112458	132, 263	112543#	32, 96
112307	308, 408	112371	393	112459	310	112544	352
112308#	308	112372	335	112460	31, 132, 181, 263	112545	353, 409
112309	308, 433	112373	393	112461	31, 264	112546	353, 503, 516
112310	28, 131, 196	112374	393, 424, 529	112462	264	112547	353
112311	539,	112375	111	112463#	216, 264	112548	265
112312	513	112377	96, 181	112465	264	112549#	181
112313	513	112379	408, 433	112467	264	112553	311, 409
112317	539	112380	433	112468	149, 264	112555	311, 409
112318	539	112382	393, 434	112469	132, 264	112556	133
112320	393, 408, 423, 487	112384	159	112470	264	112557	32, 70, 265
112321	308	112387	168	112471	133, 149, 181, 264	112558#	32
112322	423, 528	112388	443	112472	264	112560	141
112323	458	112389	132	112474	408, 459, 529	112561	32, 53, 133, 229
112324	149, 159	112390	408, 424, 434	112475	529	112562	543
112325	28, 96, 132, 159, 179	112391	408	112476	529	112563	325
112327	179, 215, 263	112392	55	112477	112	112564	513
112328	180	112394	29	112478	393	112565	513
112329	28	112396	29, 263	112480	133, 181, 264	112566	513
112330	28	112397	29, 263	112484#	539	112567	516
112331#	180	112398	29, 263	112487	539	112568	517
112332	180, 216	112399	29, 263	112488	443	112570	513
112333	263	112401	29	112489	352	112572#	540,
112334	149, 203, 216, 263	112402	29	112491#	70	112573	540
112336	352	112406	29	112492	181	112574	540
112337	228	112407	29	112493	31, 53	112575	540
112338	228	112408#	29	112494	310, 408	112576	540
112339	512	112413	30, 263	112496	310, 408	112577	540
112340	308, 379, 433, 529, 535	112414	30	112497	310	112579	335
112341	471, 487, 502	112415	30	112498	310, 408, 434	112581	311, 409, 503
112342	459, 529	112416	30, 132, 228	112499	310	112582#	353, 503
112343	29, 53, 55, 132, 216	112418	30, 181	112500#	264	112583	57, 71
112344	474	112419	30, 168	112502	474	112584	380
112345	29, 53, 132, 216	112420	30, 57	112503#	511	112586	380
112348	180	112424	30, 132, 229	112506	203, 216	112588	380
112349	180	112425	30	112507	310, 330, 502	112592	380
112351	111, 216	112426	30	112508#	539	112599#	380
112352	96, 180	112427	30, 132, 181	112509#	539	112600	380
112353#	180	112428	30	112512#	539	112603	380
		112429	308, 379, 443, 529	112520#	539	112608	380
		112430	308	112521#	539	112613	229
		112431	308	112522#	539	112614	229
		112435	309, 487	112523#	539	112615	229
		112436	309, 408, 434	112524#	540	112616#	229
		112437	309	112527#	540		
		112438	309				



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
112621#	229	112710#	33	112795	268	112867#	232
112627	229	112712	33	112796#	36	112868	232
112629	229	112715#	266	112797	36	112869	232
112632#	230	112718	96, 134, 150,	112798	36	112872#	232
112635#	230		159, 216	112799	36	112873	232
112636	230	112719	160	112800	269	112874	233
112637#	230	112720	33, 134, 231	112801#	36	112875#	233
112638#	230	112721	71	112802#	269	112877#	233
112639	230	112722	150, 160, 217	112803	36, 53, 134	112878#	233
112640	230	112725	33, 97	112804#	37	112880	233
112641	230	112727#	33, 160, 266	112805	231	112882#	233
112642#	230	112728	33, 87, 160,	112806	37, 217	112883#	233
112643#	230		267	112809#	37, 269	112884	233
112644#	230	112729	33	112810	37	112885#	233
112646	380	112730	33	112811#	37	112886	233
112648	159, 265	112732	34	112812	37	112888	233
112649	471	112734	34	112813	37	112892#	234
112650	150	112735	34, 267	112815	37	112893	234
112651	311, 409, 529	112736	34, 134, 168	112816#	311, 337	112894#	234
112652	503	112739	267	112817#	311	112897	503
112653	471, 503	112740	34, 267	112818	311	112898	503
112654	96, 133, 159	112742	34	112819#	311	112899	504
112655#	330, 335	112744	34, 87, 134,	112821	381, 409, 434,	112900	504
112656	330, 487		160, 267	112822	353, 424, 443,	112901#	504
112657	231, 265	112746	34, 71		459	112902	504
112658#	112	112747	34, 97, 134	112823	517	112903#	504
112659	393	112750	34	112824	231	112904	504
112660	311, 409, 424,	112751#	231, 267	112825#	517	112905	504
	434, 503	112753	34	112826	517	112906	504
112665	231	112754	134, 217, 267	112827	517	112907	504
112667	381, 503	112755	267	112829	517	112908#	505
112668	472, 503	112756	34, 217, 267	112830	517	112909#	505
112669	71	112757	35, 134, 150	112831	517	112910	505
112670	311, 409, 424	112758	267	112832	517	112911	505
112671	112	112759	35, 97	112833	57, 71	112912	505
112672	393	112760#	35, 217	112834	231	112913#	505
112673	112	112762#	182, 267	112835	97	112914	98
112674	393	112763	35, 267	112836#	97	112915#	98
112676	394	112764	35, 268	112837#	97	112916#	98
112679	133, 265	112765	35	112838#	97	112917#	98
112680	32, 96, 216	112768	35, 87, 134,	112839#	97	112918#	98
112681	216, 265		160	112840#	97	112920#	98
112682	265	112769	217, 268	112841#	97	112921	98
112683	32, 265	112770#	268	112842	97	112922#	98
112687	32, 266	112771	35, 182	112843#	98	112923#	98
112688	133, 181, 266	112772	182, 268	112844#	394, 459	112924	99
112689	32, 266	112773	35	112845	337, 459	112925	99
112691#	32, 96	112774	35	112846	337, 459	112926#	99
112692#	32, 266	112775	35, 231	112847#	503	112927	99
112693	32	112777	35	112848#	57	112928#	99
112694#	32, 96	112779	36	112850	231	112929#	99
112695	266	112780	36	112851#	231	112931	99
112696	266	112781#	268	112852#	232	112932	99
112698	33, 96, 134,	112782	160, 268	112853	232	112933	99
	150, 159	112784	36	112855#	57, 232	112934#	99
112699#	33	112785#	36	112858#	232	112935#	100
112701#	266	112788#	36, 134	112859#	232	112936	100
112703	182, 266	112789	217, 268	112860	37, 71, 217,	112938#	100
112704#	266	112790#	268		232	112939	100
112705	216, 266	112791#	268	112861	232	112940	100
112708#	33, 134	112792#	268	112864	540	112941#	100
112709	33, 96	112793	36, 268			112942	100

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
112943	100	113027	57, 182	113105#	337, 354	113179#	312
112944	100	113028#	182	113106#	354	113181	312, 409
112946	101	113030#	182	113108	354	113182	312, 410, 434
112947	101	113032#	182	113109	354	113183	312
112949	101	113033#	182	113110#	354	113184	312
112950#	101	113034#	182	113111#	354	113186	37
112951	101	113035	182	113112#	354	113187	37
112952#	101	113036#	459	113113#	354	113188	38
112953	101	113037#	459	113114	337, 354	113190#	113
112954	101	113038	460	113115#	338, 355	113191	394
112956	101	113040	460, 530	113116	338, 355	113194	461
112958	102	113041#	460	113117#	338, 355	113195	424, 461
112959	102	113043#	337, 460	113118#	355	113196	183
112960#	102	113044	337, 460	113119	355	113197	113
112961	102	113045	460	113120	338, 355	113199	356
112962#	102	113046#	460	113121#	355	113200	74
112963	381	113047#	337, 460	113122#	506, 530	113201	75
112965	381	113048#	71	113123#	506	113202#	75
112966#	381	113050#	57, 71	113125	381, 506	113203	356
112967	112	113051	58, 71	113126	506	113204	356
112968	112	113052#	58, 71	113128#	460	113205	356
112969#	112	113053#	58, 71	113129	424, 460, 530	113206	357
112970	112, 182	113054#	58, 71	113130	355, 511	113207	357
112971#	112	113055	58, 72	113131	355, 506	113208	357
112972#	112	113056	58, 72	113132	355	113209	357
112973#	112	113058	58, 72	113134	312, 409, 424, 530	113210	394, 461
112974#	112	113059#	58, 72	113135#	460	113211	357
112975#	113	113060#	58, 72	113136	355, 381, 461	113212	202
112977	113, 234	113061#	58, 72	113137#	381, 461	113213#	150, 203, 269
112978#	113	113063	58, 72	113138#	461	113214	357
112979#	113	113064#	58, 72	113139	461	113216#	381
112980	234	113066#	59, 72, 235	113140#	461	113217#	381, 425
112981#	113	113067	59, 72	113141	461, 530	113218#	382
112983#	394	113068#	59, 72	113142	541	113220#	382
112985#	394	113069	59, 72	113143	541	113221#	382
112986	394	113071	59, 73	113144	541	113222	382
112988	234	113073#	73	113145	541	113223#	382
112989	234	113074#	73, 235	113146	541	113224#	382
112991	234	113075#	73	113147	541	113225#	382, 506
112992	234	113076	73	113148	541	113226#	382
112993	102, 234	113077	73, 236	113149#	542	113227#	75
112994	235	113078	73	113152	518	113229#	461
112995	235	113080#	73	113153	281, 506	113230	357
112996	235	113081	73	113154#	37	113231	357
112998	235	113083#	73, 236	113155#	236	113234#	461
113001	235	113084#	73	113159#	236	113235	59, 75
113002	235	113085	73	113160#	236	113236	102
113003	235	113087#	74	113161	113	113237	357, 425
113005#	235	113088#	74	113162#	74, 236	113238	357
113006#	505	113089	74	113165#	74	113239	357
113007	311, 409, 505	113090	74	113166#	74	113240#	357
113010#	505	113091	74	113168	355	113241#	338, 358
113013#	102	113092#	74	113169	356	113242	338, 358
113014	517	113093#	74	113170#	356	113243#	358
113015	517	113094	74	113171	356	113244	358
113017	518	113095#	312, 337, 353	113172	356, 506	113245	135, 150, 269
113020	424, 529	113096#	353	113173	356	113246	160, 269
113022#	446	113097	353	113174#	356	113247	269
113023#	353	113099#	353	113175#	356	113248	135, 269
113024	353, 446, 529	113102#	354, 505	113177	312	113249	269
113025	446	113103	354, 506	113178	312	113250	183, 269
113026#	446	113104#	354			113251	269

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
113252	38, 269	113330	270	113399	447	113470	40, 135
113253	150, 270	113331	270	113400#	447	113471	135, 161, 271
113254	358, 434, 461, 530	113332	330	113401	114	113472	135, 161, 271
113256#	506, 530	113333	330, 488, 507	113402	358	113473#	135, 161
113261#	530	113334	330	113403	184, 271	113474	40, 136, 151
113262	530	113335	160	113404	160, 271	113475#	359
113263#	38	113336	160	113405	150, 161, 184, 271	113476	518
113264	38	113338	160	113406	271	113477	136, 196, 271
113267	312, 530	113339#	358	113407	151, 271	113478	315, 411, 425, 531
113268	312	113340	39, 135, 168, 270	113408	394, 425, 488	113480	315, 411
113269	443, 530	113341#	40, 135, 168	113409	447	113481	315, 411, 531
113271	312, 358	113342	53, 217	113410#	114	113482	315, 411
113272	38	113343	270	113411#	114	113483#	315, 411
113273	38	113346	313, 410, 425, 434, 488	113412	114	113484	315, 412, 425
113274	38	113347	113	113413	115	113485	40, 136, 184, 271
113275	38	113348	183	113415#	115	113486	40, 136
113276	313, 394, 410, 487	113349	236, 270	113416	115	113487#	136, 271
113277	313	113350	236, 270	113418	115	113488	41, 136
113279	38	113351	40, 217, 236	113419	115	113489	41
113280	38	113352	40	113420	115	113490#	359
113281	313, 410	113353	313	113421#	115	113491#	359
113282	313, 487	113356	410, 443	113423#	115	113492#	359
113283	38, 270	113357#	59, 75	113425	115	113494#	394
113284	38, 217	113358	59, 75	113426#	115	113495#	76, 237
113285	39, 102	113359#	59, 75	113427#	115	113496#	76, 237
113286	313	113360	59, 183	113428	359	113497	184
113288#	313	113361	358	113429	359, 410, 507	113498	161, 237, 272
113289	39	113362	59, 75	113430	314, 410, 435	113499	472
113290	39	113363#	60, 75	113431	537	113500	136, 272
113291	39	113364	60, 76	113432	236	113502#	237
113292	313	113365	59, 76	113433	76	113503	136, 184, 272
113295	39	113366#	114	113434#	359	113504#	462
113296	39, 75	113367#	114	113435	472, 507	113505#	394
113298	39	113368#	103, 183	113438#	151, 271	113506	184
113299#	313	113369#	103, 183	113439	115, 184, 271	113507#	184
113300	39, 270	113370#	103, 184	113440	116	113508#	447
113301	39	113371	114	113441#	184	113509	315
113302	39, 270	113372	114	113442	40, 135	113510	41, 136, 272
113303	313, 382	113373	114	113443	314, 410	113511#	200
113304#	39	113374	114	113444#	314	113513	315, 359
113306	75	113375	114	113445	462, 531	113514#	41
113307	530	113376	40, 135, 150, 196, 236, 244	113446	314, 435	113515	315
113309	113	113378	150, 217	113447	40, 103	113517	272
113310	183	113380	313, 330, 425, 488	113448	40, 135, 237	113518	151, 272
113312	358	113381	410, 425, 435	113451	314, 410, 488	113519	272
113313	358	113382	270	113452	472, 507	113521	488, 531
113314	358	113383	114	113453	331, 335	113522#	76
113315	183	113384	507	113454#	411	113523#	76
113316	113	113385	472	113456	531	113524#	518
113317	113, 183, 270	113386	202	113457	237	113525#	518
113318	462	113387	314, 410, 531	113458	237	113526	394
113319	462	113388	314, 330, 410	113459	359, 411	113527	447
113321	183	113389	446	113462#	184	113528	447
113322	75, 183	113390#	446	113463#	184, 237	113529	136, 161
113323	462	113392	446	113464	314, 411	113531	41, 136
113324	183	113393#	447	113465	314, 411, 531	113532	412
113325	462	113394	447	113466	314, 411, 507, 531	113533	136, 161
113327	474, 488	113396#	447	113467	314, 411, 435	113534	315
113328	203	113398	447	113468	314, 411	113535	76, 103, 161
113329	474			113469	40, 135	113536	41, 161

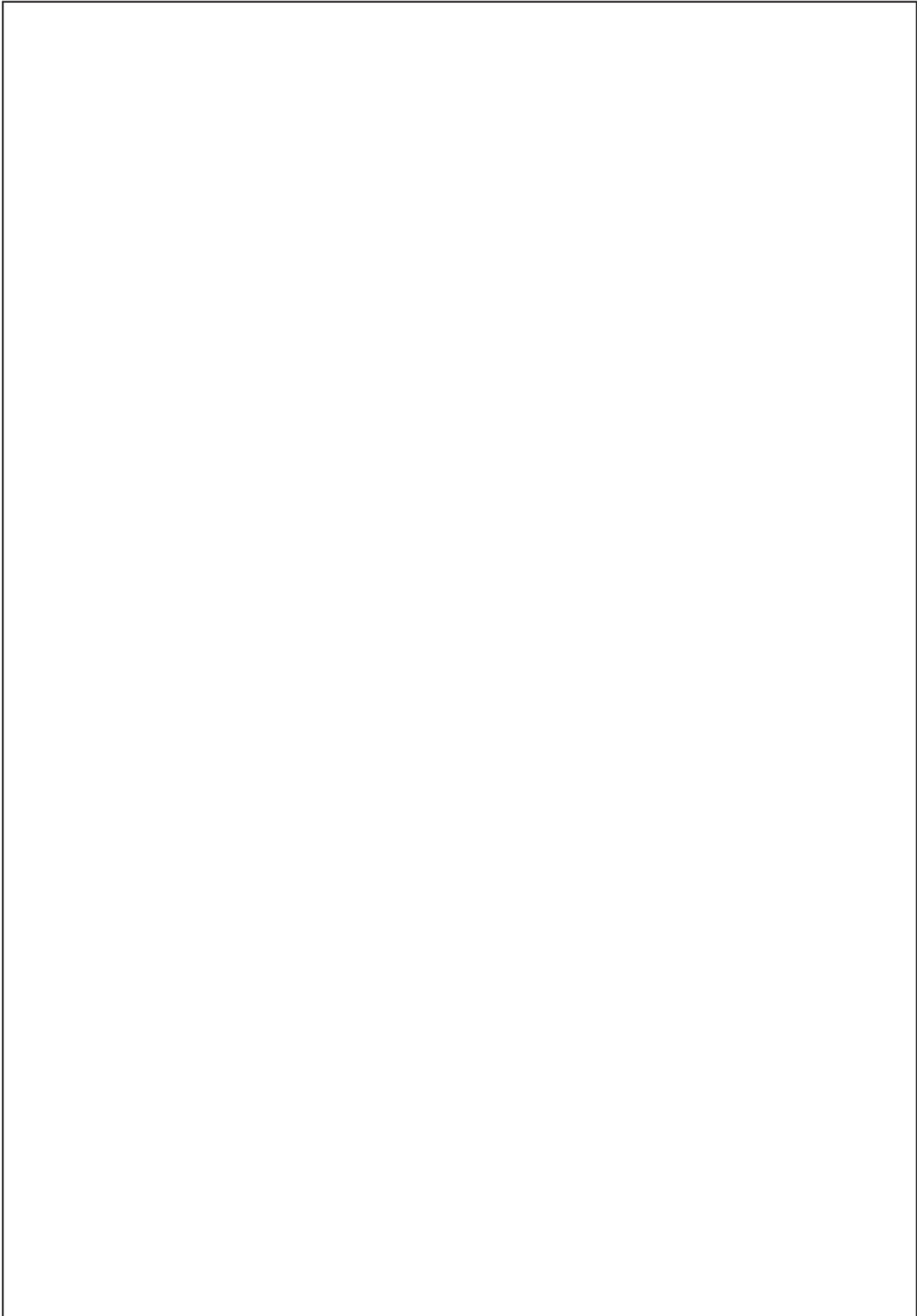
HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
113537	161	113613	316, 338	113681	361	113758	42
113538	447	113614#	382, 395	113682#	507	113759	317
113539	325	113615#	462	113683	152	113760	317
113540	447	113616#	462	113684	162	113761	317
113541	448	113617#	448	113685	237	113763	78, 152, 162
113542	168	113618	338, 462	113690	412	113765	104
113543	151, 168	113619#	338, 360	113691	237	113768	137
113545	359	113620	360	113692	238	113770	42
113546	448	113621	103, 162	113693	238	113771	137, 238
113547	448	113622#	151	113694	238	113772	138
113548	103, 200	113623	104, 151, 162	113695	316, 508	113773	317, 532
113549	196, 200	113624#	41, 104, 151	113696	361, 382	113777	238
113550	359, 462, 507	113625#	151, 162	113697	116	113783#	42
113551	462	113626#	77, 237	113698	116	113784#	116
113552	168	113627#	77	113699	77	113785	185
113553#	103, 185	113628	77	113700	77	113786	42
113554#	103, 185	113629	360	113701	382, 435, 535	113787	116
113555#	116	113630	360	113702	361, 383, 463	113788	116
113556#	116	113631	218	113703	383	113789#	138, 274
113557#	76	113632	42, 137, 168	113704#	361	113790#	274
113558#	185	113633	273	113705	316	113791	274
113559	60, 76	113634	185	113706	317	113792	274
113562	103, 185	113635	360	113707	42, 137	113793	116
113563	116	113636	77	113708	104, 279	113794	383, 535
113564#	41, 60, 76	113637#	77	113709	104, 279	113795	463
113566#	185	113638	462, 531	113710	104, 152, 279	113796	532
113568#	41, 60	113640	42, 137, 273	113711#	238	113797	426, 532
113570	315, 412	113642	338, 463	113712	185	113803	60, 78
113571#	76	113643#	116	113713	152, 196, 218	113805	426, 532
113574	41, 103, 137, 151, 196, 218, 272	113644	316, 463	113714	152, 218	113819	464
		113645#	77	113715	78, 152	113821	448
113575	77, 137, 161, 185, 272	113646#	463	113716	42, 168, 218	113827	464, 508
		113648#	448	113717#	395	113830	464
113576#	41	113649	316, 360	113718	78, 162	113831	42
113577	272	113650	281	113719	532	113832	43, 185
113579	237	113651	141	113720	78, 152, 162, 273	113833	43, 104
113583#	116	113652	273			113835	43, 274
113584#	77	113653#	273	113721	78, 273	113836	43
113587	316, 338	113654	360, 435	113722	78, 152, 273	113837	43, 138
113589	281	113655	360, 435	113723	361	113838	43, 162
113590#	518	113656	151, 273	113724#	238	113839	43, 274
113591	518	113657	273	113725	361, 508	113841	317, 532
113592	518	113659	435, 507, 531	113727	532	113842	317, 532
113593	518	113661	395	113732	361	113843	318, 412, 532
113594	518	113662	361, 488	113737	537	113844	318
113596	360	113663	361	113738	137	113845	318
113597	360	113665	361	113739	197, 200	113846	318
113598	542	113666	540	113740	141	113847	318
113599	103, 161	113667	137, 162	113742	78	113848	43
113600	151, 272	113668	425, 463	113745	317, 425, 532	113849	78, 104, 162
113601	360	113669	463	113746	463	113850	318, 412, 508
113603	137, 185, 272	113670	425	113749	317	113851	464, 508
113604	185, 273	113671	448	113750	317, 435	113852	540
113605	316, 412, 488, 531	113672	463	113751	42, 273	113853	325
		113673	463	113752	317, 425, 435, 488	113854	518
113606#	60, 77	113674	316, 412			113855	318
113607	60, 77	113675	395	113753	317, 463	113856	78
113608	316	113676	463, 531	113754	42	113857#	281
113609	316	113677	316, 443	113755	42, 78, 137, 273	113858	43, 274
113610	137	113678	316, 412			113859	318
113611	41	113679	507	113756	532	113860	508
		113680	395	113757	361	113861	274



HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
113862	274	113925	435	114001	319	114098	395
113863	274	113926	362, 533	114002	319, 413	114099	81
113864	43, 162, 274	113927	464	114005	80	114100	465
113865	43, 78	113928	362	114006	80	114101	81
113866	43, 218	113929	533	114007*	46	114102	277
113867	44	113931	318, 464	114008	46	114105	320
113868	274	113932	533	114010	80	114106	321
113869	44	113933	464, 533	114012	80	114109	47, 277
113870	44, 275	113934	318, 533	114013	508	114111	186
113871	44, 275	113935	319	114014	117	114113	81
113872#	79, 162, 186, 275	113936	362	114017	362, 511	114114	238, 277
113873	44	113937	533	114018	186	114115	81
113874	44, 275	113938	362	114019	46	114116	186
113875	44	113939	163	114020	319	114118	321, 436
113876#	44	113940	276	114021	319	114119	384
113877	44, 275	113941	117	114024	80	114121	117
113878	44, 275	113942	45, 163	114025	163	114122	47
113879	44, 275	113943	79, 163	114026	276	114123	321, 426, 436
113881	275	113944	46	114027	46	114127	534
113882	44, 275	113945	46	114028	47	114129	105, 186
113883	104, 275, 279	113946	276	114029	533	114130	277
113884	45, 60, 104	113948	276	114031	465	114131	47, 277
113885	45, 104	113949	46, 138	114032	395	114135	339, 363
113886	186	113950	276	114033	319	114136#	508
113887	45, 275	113951	46	114034	320, 443, 533	114137	448
113888	45	113952	105, 186	114035	533	114141*	238
113889	45	113954	186	114036	47	114144	339, 465
113891	318	113955	46, 79, 163	114040	47	114147	81
113892	361	113956	117	114042	60, 276	114148	509
113893	362	113958	46, 105	114043	80	114159*	509
113894#	45	113959	319, 384	114044	276	114162	321, 384
113895	45	113961	276	114045	276	114163	321, 534
113896	275	113962	319, 395, 435, 533	114046	277	114164	472
113897	464	113963	319, 533	114049	138	114165	472
113898	197, 201	113964	464	114050	320, 413	114166*	472
113899	45	113965	362	114051	320	114167	465
113900	318, 412	113966	362	114052	320	114168	363
113901	412	113967	79, 163	114053	320	114169	465
113902	79	113968	319, 384, 412	114054	320	114170*	321
113903	203	113969	79	114055	320	114171	534
113904	79, 163	113970	79	114058	465	114172	238
113905	383, 532, 535	113971	186	114059	465	114173	321
113906	383, 535	113974	533	114061	465	114174	321
113907	383, 536	113975	79	114063*	105	114175	321
113908	383, 536	113977*	338, 464	114066	105, 163	114177	321
113909	383, 536	113978*	79, 105	114069	320	114178	321
113910	383, 536	113979	319	114071	363	114179	321
113911	384, 536	113980	319	114072*	363, 436	114182	363
113912	104, 279	113982	413	114073	320	114185	465
113913	45, 105, 279	113983	362	114074	465, 534	114186	81
113914	105, 152, 163	113985	362	114076	47	114187	186
113915	362, 508	113986*	138	114077	138, 277	114189	277
113916	508	113987*	163	114079*	186	114192	138
113917	362, 508	113988	80	114084	277	114193	331, 465
113918	508	113989	80	114085	80	114194	363
113919	138, 276	113990*	80	114088	47	114195	322
113920	45, 105, 138, 152, 276	113992	46, 276	114089	47	114196	322
113921	79	113995*	464	114090	80	114197	363
113922	79, 105	113996	80, 163	114093	320, 363	114199	322, 534
113923	45, 186	113998	46	114094	320	114200	47
		113999	138	114095	534	114203	81
		114000*	138	114097	80	114204	81, 163

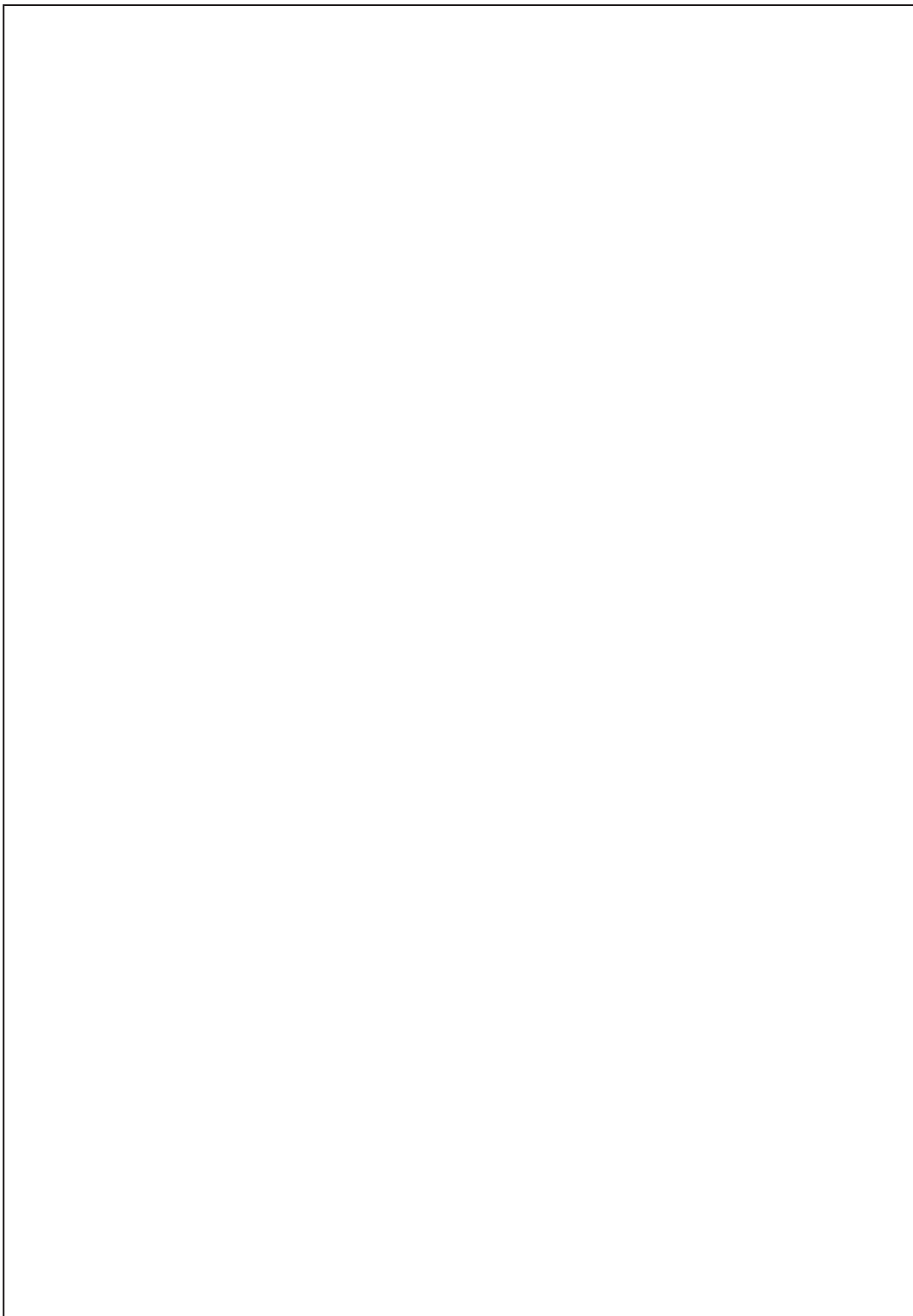
HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
114205	81	114308	396	114379	48, 139	114459*	365
114206	81	114310	466	114384	164	114460	324, 413, 467, 534
114207	187	114311	48	114385*	278	114461*	188
114209	117	114313	322	114386*	83	114462*	84, 164
114211*	47	114314*	48	114387	331, 413	114463*	49
114212	47, 187	114315	322, 384	114388	385, 413, 444, 488	114464*	139
114213*	395	114316	322	114389*	364	114466*	49
114215	81	114317	323	114390*	83	114467*	278
114216	363	114318	323	114392*	48	114469*	139
114218	81	114319	323	114393	467, 472	114470*	139
114219	277	114320	323, 413	114395	323	114477*	324
114220	322, 413	114321	323	114396	473	114478	324
114224	363	114322*	48, 277	114397	323, 488, 509	114479	467
114225	465	114323	466	114399*	364	114483	473
114226	363	114324	472	114400	365	114485	365, 467
114227*	82	114325	509	114401*	396	114486*	365
114231	82	114326	509	114402*	323	114489*	188
114232	466	114327	323	114405*	83	114493*	84
114237	339, 466	114328	339, 466	114406*	187, 278	114503	509
114238	339, 466	114329	466	114407*	187	114504*	365
114239	363	114330	466, 509	114409*	84, 164	114507*	324
114240*	364	114331	509	114411*	84	114508*	188
114241	82	114332	364	114413	49	114509*	278
114242	82	114333	364	114414	203	114510*	49
114243	60, 82	114334	466	114415	187	114518*	84
114244	187	114336	364	114416	509	114521*	513
114245	187	114337	511	114417	365	114523*	324
114246*	82	114340	364	114418	467		
114248	82, 105, 164	114341	509	114419	365		
114251	82	114342	364	114420	365		
114252	512	114343	467	114421	511		
114253	395	114344	511	114422	396		
114254	443	114345	511	114423	241		
114257	48	114346	364	114424	187		
114258	82	114347	201	114425	188		
114261	395	114348	201	114426	117		
114262	117	114349	201	114427	117		
114263	82	114351	238	114428	118		
114264	413	114353	48	114429	365		
114265*	413	114354	48	114430	201		
114267	472	114355	48	114431	49, 239		
114268	364	114356	187	114432	188		
114270	534	114357	187	114433	84		
114271	238	114358*	187	114434	84		
114272	82	114359	239	114436	511		
114273	82	114361	83	114437	323		
114276*	413	114362	83	114438	323		
114279	339, 466	114363	83	114439	467		
114280	466	114364	83	114440	365		
114281	395	114365	48	114441	511		
114283	339, 466	114366	117	114443*	467, 534		
114287*	83, 203	114367	187	114445*	467		
114289	139	114368	117	114446	324		
114291	48	114369	83	114449*	365		
114293	277	114370	117	114450*	139		
114295*	322	114371	83	114451*	84, 278		
114296*	48, 53	114372	83	114452*	49		
114297	322, 364	114373	117	114453*	49		
114299	322, 534	114374	218	114454*	49		
114300	60, 83	114375*	364	114456*	188		
114304	322	114376*	323	114458*	118		
114307	322	114378	396				

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page





## Notes



## Notes